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THE PHONOSCOPE

A Monthly Journal Devoted to
SCIENTIFIC AND AMUSEMENT INVENTIONS
APPERTAINING TO
SOVND & SIGHT.

ENTERED AS SECOND-CLASS MATTER AT THE NEW YORK, N. Y., POST-OFFICE.

Vol. II

No. 10

New York, October, 1898

Principal Features of this Number

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NATIONAL GRAMOPHONE COMPANY

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THE LATEST POPULAR SONGS. List of the Latest Metro-
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One of the premiums will be an Edison Standard Phonograph which will be given as a premium for 35 subscriptions. These subscriptions need not be sent at one time; they may be forwarded as obtained. An acknowledgement of the receipt of any and all subscriptions will be made in the form of coupons, corresponding to the number of subscriptions received. This matter of forwarding subscriptions need not be deferred until the awarding of the special prize, as we stand ready to at once issue coupons referred to upon receipt of subscriptions. We also stand ready to redeem the same in premiums at once. In other words, you can have immediate recompense in premiums for any and all subscriptions sent us.

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- S63 Bride Elect (Selections)
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- S141 Gems of Southern Songs
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- S148 Artists' Life Waltz
- S149 Skirt Dance
- S150 Spanish Fandango
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- S154 How I Love My Lou
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- S156 Nearer My God to Thee
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- S180 Kansas City Star March
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- S189 Niagara (Two-Step)
- S190 The Coon Town Guards
- S191 My Coal Black Lady (Medley)
- S192 Down in Ole Tampa Bay
- S193 Sunflower Clog Dance
- S194 Belle of New York March
- S195 Pousse Cafe Medley
- S196 Watermelon Clog Dance
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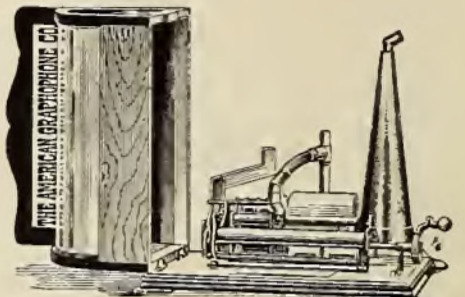
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* * * * Lieutenant Bettini has a most interesting laboratory in this city, and he has been much favored by the great European artists that have been heard in public in this country, both on the dramatic and operatic stage. I spent a delightful afternoon in his laboratory yesterday, and was astounded to hear in turn a reproduction, perfect in every detail, of the voices of these great artists: Mmes. Calve, Melba and Nordica; MM. Tamagno, Tasalle, P. Plancon, Maurel and Signori Ancona, Nicolini and Campanini, Tomaso Salvini, Coquelin, Sarah Bernhardt, Ellen Terry, Lillie Langtry, Mme. Rejane and her leading man, M. Manry, have each spoken into the Bettini Phonograph. Ex-President Benjamin Harrison and "Mark Twain" have each left a record of their voices behind them.

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BOSTON, MASS.

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U. S. A.

The Phonoscope

(Copyrighted, 1896)

A Monthly Journal Devoted to Scientific and Amusement Inventions Appertaining to Sound and Sight

Vol. II.

NEW YORK, OCTOBER, 1898

No. 10

American Graphophone Company Sues National Gramophone Company

A patent infringement suit, which was filed October 22d, has caused excitement in talking machine circles. It is charged in the bill that the makers of the Gramophone are infringing the patents owned by the American Graphophone Company.

The talking-machine industry has grown to large proportions, and the patents are of great value. If the Graphophone Company wins the suit it will result in the merging of all Gramophone interests under graphophone control, as the Graphophone Company claims that its prior patents cover practically everything that is commercially valuable.

The following bill of complaint was filed in the United States Circuit Court for the Southern District of New York, by the American Graphophone Company, of which E. D. Easton is president, against the National Gramophone Company, and Frank Seaman, the president of the company, individually.

IN THE UNITED STATES CIRCUIT COURT
FOR THE SOUTHERN DISTRICT
OF NEW YORK.

Bill of Complaint.

To the Honorable,
The Judges of the Circuit Court
of the United States
For the Southern District of New York.

The AMERICAN GRAPHOPHONE COMPANY, a corporation duly organized and existing under the laws of the State of West Virginia, and having its principal office at Washington City, in the District of Columbia, brings this, its bill of complaint, against the

NATIONAL GRAMOPHONE COMPANY,
a corporation organized and existing under the laws of the State of New York, and having its principal place of business in New York City, in said State, and

FRANK SEAMAN,
individually and as President of said Company, said Seaman being a resident of Yonkers, in the State of New York, and doing business in the City of New York, and both said National Gramophone Company and Frank Seaman being inhabitants of the said Southern District of New York.

And thereupon your orator complains and says:

1.

That Chichester A. Bell and Sumner Tainter, then of Washington aforesaid, were the original, first, and joint inventors of certain new and useful improvements in recording and reproducing speech and other sounds, which improvements were not known or used by others in this country before their invention thereof, and were not patented or described in any printed publication in this or any foreign country before their invention thereof, and were not in public use or on sale in the United States for more than two years prior to their application for a patent therefor, and which had not been abandoned.

2.

That thereafter the said Chichester A. Bell and Sumner Tainter made application, in due form of law, to the Commissioner of Patents, for the grant of Letters Patent of the United States for the said invention, and then and there fully complied in all respects with the provisions and requirements of the laws of the United States in such case made and provided; that thereupon, due proceedings being had on said application, Letters Patent of the United States, in due form of law, were issued and delivered to the said Chichester A. Bell and

Sumner Tainter, in the name of the United States of America, under the seal of the Patent Office, and signed and countersigned, respectively, by the proper officers of the United States, numbered 341,214, and dated May 4th, 1886; and that the said Letters Patent did grant to the said Chichester A. Bell and Sumner Tainter, their heirs and assigns, for a term of seventeen years from the said 4th day of May, 1886, the exclusive right to make, use, and vend the said invention throughout the United States and the Territories thereof, as by reference to the said Letters Patent, or a duly authenticated copy thereof, here in Court to be produced, will more fully and at large appear.

3.

That the said Sumner Tainter was further the original, first and sole inventor of a certain new and useful improvement in apparatus for recording or reproducing sounds or sonorous vibrations, not known or used by others in this country, or patented or described in any printed publication in this or any foreign country, prior to his invention thereof, and not in public use or on sale in the United States for more than two years prior to his application for Letters Patent therefor and which had not been abandoned to the public.

4.

That on the 4th day of December, 1885, said Sumner Tainter made application, in due form of law, to the Commissioner of Patents, for the grant of Letters Patent of the United States for the said invention, and then and there fully complied, in all respects, with the requirements and provisions of the laws of the United States in such case made and provided; that due proceedings upon said application being had, upon the 4th day of May, 1886, Letters patent of the United States, in due form of law, were issued and delivered to said Sumner Tainter, in the name of the United States, and numbered 341,288, granting to said Sumner Tainter, his heirs or assigns, for the term of seventeen years from the said 4th of May, 1886, the full and exclusive right to make, use, and vend the said invention throughout the United States and the territories thereof, as by reference to said Letters Patent, or a duly authenticated copy thereof, here in Court to be produced, will more fully appear.

5.

That the said Charles Sumner Tainter was further the original, first, and sole inventor of a certain new and useful improvement in apparatus for recording and reproducing speech and other sounds, not known or used by others in this country, or patented or described in any printed publication in this or any foreign country before his invention thereof, and not in public use or on sale in the United States for more than two years prior to his application for Letters Patent therefor, and which had not been abandoned to the public.

6.

That on the 7th day of July, 1887, said Charles Sumner Tainter made application, in due form of law, to the Commissioner of Patents, for a grant of Letters Patent of the United States for said invention, and then and there fully complied, in all respects, with the requirements and provisions of the laws of the United States in such case made and provided;

That thereupon, due proceedings being had upon said application, Letters Patent of the United States, in due form of law, were issued and delivered to the said Charles Sumner Tainter, in the name of the United States of America, under the seal of the Patent Office, and signed and countersigned by the proper officers of the United States, numbered 375,579, and dated December 27, 1887; granting

to said Charles Sumner Tainter, heirs or assigns, for the term of seventeen years from said 27th day of December, 1887, the full and exclusive right to make, use, and vend the said invention throughout the United States and Territories thereof, as by reference to said Letters Patent, or a duly authenticated copy thereof, here in Court to be produced, will more fully and at large appear.

7.

That the inventions or improvements described in said Letters Patent No. 341,214, to Chichester A. Bell and Sumner Tainter, and Nos. 341,288 and 375,579 to Sumner Tainter, were designed for and are capable of conjoint use, and are used conjointly by defendants in apparatus for recording speech and other sounds.

8.

And your orator further shows that on the 29th day of March, 1887, said Chichester A. Bell and Sumner Tainter, by an instrument in writing duly signed and delivered, and recorded in the United States Patent Office the 22d day of September, 1887, did give, grant, and convey to the Volta Graphophone Company, a corporation organized and existing under the laws of the State of Virginia, its successors and assigns, the entire right, title, and interest in and to said Letters Patent No. 341,214, granted to them as aforesaid, and in and to the invention secured thereby, as by reference to said instrument, or a duly authenticated copy thereof, here in Court to be produced, will more fully and at large appear.

9.

That on the 29th day of March, 1887, said Sumner Tainter, by an instrument in writing, duly signed and delivered, and recorded in the United States Patent Office the 5th day of April, 1887, did give, grant, assign, and convey to the said Volta Graphophone Company, its successors and assigns, the entire right, title and interest in and to said Letters Patent No. 341,228, granted to him as aforesaid, and in and to the invention secured thereby, as by reference to said instrument, or a duly authenticated copy thereof, here in Court to be produced, will more fully and at large appear.

10.

That on the 31st day of January, 1888, said Charles Sumner Tainter, by an instrument in writing duly signed and delivered, and recorded in the United States Patent Office the 21st day of February, 1888, did give, grant, assign and convey to the said Volta Graphophone Company, its successors and assigns, the entire right, title and interest in and to said Letters Patent No. 375,579, granted to him as aforesaid, and in and to the invention secured thereby, as by reference to said instrument, or a duly authenticated copy thereof, here in Court to be produced, will more fully and at large appear.

11.

That on the 24th day of January, 1893, the said The Volta Graphophone Company, by an instrument in writing, duly signed, sealed and delivered, and recorded in the United States Patent Office the 25th day of January, 1893, did give, grant, assign and convey to your orator, its successors and assigns, the entire right, title and interest to said Letters Patent No. 341,214, No. 341,288, and No. 375,579, and in and to the inventions secured thereby, as by reference to said instrument, or a duly authenticated copy thereof here in Court to be produced, will more fully and at large appear.

12.

That your orator has been, ever since the date of the assignment last mentioned, and was at the time of the commission of the acts hereinafter complained of, and is now, the sole and exclusive owner

of the said Letters Patent, and of all claims for infringement thereof; and has been and is, save for the doings of these defendants, and others acting in concert with them, in the exclusive possession of said rights and privileges; and is entitled to the exclusive use, benefits, and advantages of the said inventions and improvements, and to sue for and recover to its own use and in its own name all claims for the infringement or violation thereof.

13.

And your orator further shows that it has expended large sums of money in practicing said invention, and introducing the same into public use, and the same is of great commercial value and practical utility; that a great public interest has been manifested therein, and a large demand created for apparatus constructed in accordance with or embodying the same, which demand your orator is ready and able to supply; that the public generally, in all parts of the United States, have recognized and acquiesced in the facts that the said Bell and Tainter were the first and original inventors of the said inventions, and that the patents above named are good and valid patents, and that the public have also acknowledged the claims of your orator to the exclusive right to said inventions under said patents; and that, but for the infringements and wrongs hereinafter complained of, your orator would now be in the peaceful possession and enjoyment of the said Letters Patent and inventions, and of the income derivable therefrom.

14.

Your orator further shows that on the 8th day of October, 1896, it filed its bill of complaint in this Court against Loring L. Leeds and others, for infringement of Patent No. 341,214, here in suit, by the manufacture, sale and use of a machine known as the "Metaphone," that said defendants duly appeared and answered; that replication was filed, proofs taken, and the cause was brought on before the Hon. Nathaniel Shipman, Circuit Judge; that on or about the fourth day of August, 1898, a decree was duly entered establishing the validity of said Letters Patent (particularly as to claims 19, 20, 21, 22, 23, and 24), and the title of your orator therein, the fact of the infringement thereof by the said defendants therein, and awarding a perpetual injunction; which said decree now remains in full force and effect, as by duly authenticated copy thereof here in Court to be produced will more fully and at large appear; that a writ of injunction, in accordance with said decree, duly issued against said defendants, was served, and now remains in full force and effect.

15.

And your orator further shows, upon information and belief, that the defendants, *The National Gramophone Company*, and *Frank Seaman*, and others acting in concert with them, well knowing the premises, since the grant of said Letters Patent, and since the acquiring by your orator of its title thereto, as hereinbefore set forth, within the said Southern District of New York and elsewhere in the United States, wrongfully and unlawfully and with the intent to injure your orator, and to deprive it of the just profits resulting from said inventions, which profits otherwise would accrue to it from the practice of said inventions, and without the license or consent of your orator, have both jointly and severally made, used, and vended, sound records and apparatus for recording and reproducing speech and other sounds, substantially as described in said Letters Patent Nos. 341,214, 341,288, and 375,579; and that they still continue so to do, and are threatening to continue the aforesaid unlawful acts to a still larger extent, all in defiance of the rights secured to your orator as aforesaid, and to its great and irreparable loss and injury, by which your orator has been and still is being deprived of great gains and profits that it would otherwise obtain but for the aforesaid unlawful doings of the defendant; and your orator further shows that the said defendants, and each of them, have derived and received, and still are deriving and receiving, great gains and profits from such unlawful acts, but to what extent your orator is ignorant and cannot set forth, and, therefore, it prays a discovery thereof.

16.

And your orator further shows unto your Honors that the manufacture, use, and sale by the said defendants of sound-records, and apparatus for recording and reproducing sound, embodying, employing, or containing the inventions set forth in said Letters Patent Nos. 341,214, 341,288 and 375,579 and their preparation for continuing, and their avowed determination to continue, the same and other aforesaid unlawful acts, in disregard and

defiance of the rights of your orator, have the effect to, and do, encourage and induce others to venture to infringe said Letters Patent.

17.

And your orator further shows, upon information and belief, that your orator and all persons making under the authority of your orator apparatus for recording and reproducing sounds and sound-records, employing, embodying and operating or made in accordance with, the inventions described and claimed in the Letters Patent aforesaid, have given notice to the public that the same are patented and have affixed thereto the word "Patented," together with the day and year the said patents respectively were granted and your orator further shows that the said defendants were duly notified of their infringement herein complained of, but refused to desist therefrom, and still continue so to do.

And your orator therefore prays as follows:

1. That the said defendants and each of them, be required, by a decree of this Honorable Court, to account for and pay over to your orator such gains and profits as would have accrued or arisen, or been earned or received by the said defendants and each of them, and all such gains and profits as would have accrued to your orator but for the unlawful doings of said defendants, and all damages your orator has sustained thereby; and

2. That the defendants, and each of them, may be compelled, by the order of this Honorable Court, to deliver up to the judicial custody for destruction, in manner to be provided for in said order, all infringing apparatus and sound records, in the possession of, or under the control of, said defendants, and each of them.

3. That the defendants, and each of them, their associates, attorneys, servants, clerks, agents, and workmen, may be perpetually enjoined and restrained, by a writ of injunction issuing out of and under the seal of this Honorable Court, from directly or indirectly making or causing to be made, using or causing to be used, selling or causing to be sold, any machine or apparatus or sound record embodying or constructed or operated in accordance with the inventions or improvements set forth in the Letters Patent aforesaid, or either of them.

4. That your Honors will grant unto your orator a preliminary injunction, issuing, out of and under the seal of this Honorable Court, adjoining and restraining the said defendants, and each of them, their associates, servants, clerks, agents, and workmen, to the same purport, tenor, and effect as hereinbefore prayed for with regard to said perpetual injunction; and

5. That these defendants be decreed to pay the costs of this suit; and

6. That your orator may have such other and further relief as the equity of the case may require.

To the end, therefore, that the defendants may, if they can, show why your orator should not have the relief hereby prayed, and may full, true, and direct answer make—but not under oath, answer under oath being expressly waived—according to the best and utmost of their knowledge, information, remembrance and belief, to the several matters hereinbefore averred and set forth, as fully and particularly as if the same were repeated, paragraph by paragraph, and said defendants thereto severally and specifically interrogated, may it please your Honors to grant your orator a writ of *subpoena ad respondendum*, issuing out of and under the seal of this Honorable Court, directed to said defendants, *The National Gramophone Company*, and *Frank Seaman*, and each of them, commanding them to appear and make answer to this bill of complaint, and to perform and abide by such order and decree herein as to this Court may seem just.

And your orator will ever pray:

State of New York, }
County of New York, } ss:

EDWARD D. EASTON, being duly sworn, deposes and says that he is President of the American Graphophone Company, named as complainant in the foregoing bill, that he has read the same, and knows the contents thereof, and that the same is true of his own knowledge, save of the matters therein stated to be alleged upon information and belief, and that as to those matters he believes it to be true; and that the seal affixed to said bill is the corporate seal of said complainant, and was by him affixed to the bill by authority of said corporation.

Subscribed and sworn to before me this..... day of.....1898.

'Graphs, 'Phones and 'Scopes

The Chronograph

A new form of Chronograph has recently been devised with which it is claimed that intervals of time as small as the millionth of a second can be measured. This instrument is composed of a tuning-fork with a very rapid rate of vibration and a revolving cylinder whose velocity at the circumference is in the neighborhood of thirty metres per second. In the end of the tuning-fork there is a hole through which a pencil of rays of light passes and falls on the cylinder. By reason of the rapid movement of both fork and cylinder a curve is traced on the sensitive paper with which the latter is covered, and the intervals of time can be readily determined by intercepting parts of the curve.

The Ventrilophone

By the application of the laws of harmonics to the construction of the telephone a new instrument called the Ventrilophone has been invented, by means of which the human voice, music and other sounds can be transmitted with nearly the intensity of the original sound.

The Ventrilophone's chief advantage lies in the fact that it is not necessary to shout into a transmitter and listen attentively with receiver at the ear, as in the case of the ordinary telephone. The speaker can stand in any part of the room and his voice will be carried to the other end of the line with enough force to be plainly heard. No bell is necessary to attract the attention of the person to whom he wishes to speak.

Mr. Robbins, the inventor, has applied for a patent for the Ventrilophone, and as soon as it is secured will start its manufacture in Chicago.

The Cardiophone

Dr. E. E. Schmidt, ex-Health Officer of Covington, has invented a medical instrument, which he calls the Cardiophone, by which he expects to revolutionize medical diagnoses. It magnifies the sound made by the action of the internal organs of the body.

It is the microscope of sound.

A *Post* reporter, with his ear at the end of the hearing tube, heard the doctor's heart beating at the other end of the instrument several feet away. The doctor will apply for a patent.

In speaking of his invention, Dr. Schmidt said: "I claim for my invention the following valuable points: Rapidity in examination, the advantage of being at a distance from patients when examining them, which is of considerable hygienic value to both practitioner and patient; exclusion of all other sounds save those that enter the drum of the instrument; possibility of actually penciling on the skin the action of the various organs of the body for further information regarding them.

"I have already successfully used it in my private practice. I used it quite recently and with success, in locating a tumor of the heart. I had previously used my other instruments to ascertain its location, but without avail."—*Cincinnati, O., Post.*

The Phonetograph

Since the day when the production of Edison's marvelous phonograph opened new avenues of electrical research to experimenters, inventors have recognized the possibilities of a machine constructed on similar lines which would transmit the sounds of the human voice into writing. The perfection of an automatic writing-machine has been the dream of inventors, and even the great wizard of Menlo Park has unsuccessfully grappled with the problem.

It has remained for a Worcester genius to evolve the phonetograph, and the announcement that a perfected writing-machine is in successful operation in Worcester will cause as great a stir in the scientific world as did the news of the production of the phonograph.

"Any detailed description of the phonetograph at this time," says the inventor, "would of course be premature. Before long, however, the construction and operation of my invention will be announced to the world in a form calculated to convince the most confirmed skeptic of its simplicity. Indeed, so simple is the basic principle of its operation that I can scarcely even now persuade myself that in the great field of electrical research, traversed as it has been by the great army of ex-

plorers under the leadership of Edison and Teslor, it has remained for me, a pioneer, to make the discovery that in its economic import cannot fail to impress the world with its importance."

My first idea of the phonetograph was conceived at the World's Fair in 1893, where I heard an electrical piano play mechanically the most difficult of music, with all the accuracy and expression of the most accomplished artist. The possibilities of a similar attachment on a typewriter flashed upon me, then came the conception of a machine substantially a combination of phonograph and typewriter, the latter operated by the former.

With this embryonic idea I set at work and after five years of untiring labor the phonetograph has to-day been completed.

The operation of the phonetograph in substance involves all the principles of the phonograph, the electrical piano and the typewriter.

The receiver communicates direct with a sensitized disc, to which is attached a steel stylus. This stylus records the sound on wax, as in the phonograph, but in a series of minute perforations in paper. The paper thus perforated moves rapidly over the keyboard of a typewriter and operates the machine as the perforated sheet operates the electrical piano. The typewriter has a keyboard of 47 characters, and is the result of three years of constant study. The writing is produced phonetically, but in so simple a form that it can be learned in less than an hour's study.

The possibilities of the machine are beyond prediction. I believe that within a year after the general adoption of the phonetograph the thousands of stenographers and shorthand writers and teachers will be forced into other occupations. Their art will be unknown in a dozen years, and the name of Isaac Putnam will be but a memory.

The business man will dictate to the phonetograph and within a second his voice has ceased the letter will be delivered to him for signature, transcribed with mechanical precision. The necessity for the copying press, now almost universally used in business offices will be forever gone. The perforated sheet on which was recorded his original letter may be filed, and if occasion arises may again be run over the keyboard and reproduced.

Its adoption in courtrooms will, I believe, be immediate and universal. The phonetic record as produced by the phonetograph will be handed direct to the compositor, doing away entirely with the tedious process now in vogue.

The preacher will dictate his sermons or the speaker his address, and may be delivered direct from the phonetograph production without transcription.

The tedious process as now practiced will cease, and the labor of thousands will be annually saved.

The machine will not for at least a year be manufactured for exhibition purposes, though influence will at once be brought to bear for their installation into hotels and other public places, perhaps in post-offices. Then the letter writer may be dictated and delivered for a nominal price.

"It is my purpose," said the inventor, "to begin the manufacture of the standard phonetograph at once in Worcester. Ten thousand of the machines will be put on the market at once.

The President's Phonograph

The Presidential Phonograph is the latest addition to the White House. It is the class "M" exhibition machine and was purchased recently by direction of Mr. McKinley. The machine is used with the large brass horn and the reproductions of comic songs, bands, orchestras, etc., can be distinctly heard through the rooms at intervals during the day and evening. The President as a matter of relaxation from the cares of office spends many a quiet candlelight hour with the mystic machine. Mr. McKinley is a great lover of good comic songs and this class of records prevails in the collection.

A concert is held almost nightly, and when the Chief Executive tires of the old tunes and jokes, new ones are procured.

Usually, when the concert is on in one of the upper private rooms, a crowd of White House attaches tiptoe up the stairs and congregate about the door to listen to the automatic voices and hear the President's hearty laughter.

The brilliantly lighted exhibition room at the corner of Twenty-seventh Street and Broadway is one of the most conspicuous advertising points in the world. In speaking of this place, rather than use the long name, the catchy name "Columbia Parlor" has been, by common consent, accepted by most New Yorker's.

Legal Notices

The Discoverer of Process for Making Dry Photographic Films Wins his Legal Fight.

The Rev. Hannibal Goodwin of No. 116 Montclair Avenue, Newark, N. J., formerly rector of the House of Prayer, has just secured a patent on the kodak film. The history of the patent is in many aspects without a parallel.

For many years, and at great expense, the former pastor has fought for the patent against one of the largest photographic outfitting concerns in the country, and his victory means a big fortune. It is doubtful if in the history of American patents any one was fought for and won against such great odds.

Every subterfuge of law that brains could devise or money develop was resorted to, and no one except the inventor and his counsel supposed that he had any chance of winning the fight.

The Rev. Mr. Goodwin is of an inventive turn of mind. He has devised for photographic processes many improvements that are used wherever pictures are taken with the camera, but on none except the film has he endeavored to obtain a patent.

Prior to the time when he invented the film he had often preached and written on the religious education of the young. One day while at work in his rectory he was visited by Jabez Hayes, who gave him \$150 to invest in a stereopticon apparatus with which to make more interesting the lectures to young persons.

"I made the plates for this stereopticon myself," says the inventor, "at first they were glass. I came to see how unwieldy they were and cudgeled my brains for a substitute that could be handled more easily. For forty years the photographic world has been in eager quest of just such a substitute. Why shouldn't I find it, I said to myself, just as well as anybody?"

"In my college course I had obtained some knowledge of chemistry, and this was supplemented by reading. Almost in the dark I began experiments, when—Eureka! by good luck rather than brains, I hit on the very thing. In the early part of 1887 I applied for a patent and sent samples of the film to the Patent Office in Washington. Because the invention was in every respect new, and its underlying principle abstruse, there was much delay in the official investigation into it.

"In the meantime the Eastman Dry Plate Company of Rochester, through its chemist, H. M. Reichenback, filed an application for a patent covering my idea. The Patent Office declared an interference, and in the matter of priority decided in my favor. I thought the matter was settled and received the congratulations of my friends.

"But this victory was only the beginning of the hardest kind of a fight. The company set itself determinedly to prevent the issuance of a patent to me. A vigorous onslaught against the patentability of the invention tailed long and expensive litigation. No influence or effort of a company backed by millions of dollars was spared. Distinguished lawyers were engaged and the most learned expert testimony produced.

"To discover that at some time or place some similar invention had been made, the photographic literature of the world was ransacked. All prior patents of all nations were searched. My only ground of hope was to hold out until the shifting devices of the law were exhausted.

"By a singular train of misfortunes my legal helpers failed me, one after another. Among them was Richard Wayne Parker of this city, who had to give up the case upon his election to Congress. My friends advised me to give it up. But I was sure my ground was tenable, and I was bound to hold it. Now I am in undisputed possession."

A Controversy Over Gramophone Stock

A bill in equity was filed by the Berliner Gramophone Company against William C. Jones, to recover sums of money which, it is alleged, the defendant illegally received from the complainant company. The bill recites that on September 1, 1895, the defendant entered into an agreement with the United States Gramophone Company, owner of the Gramophone inventions of Emile Berliner, by which the latter company assigned to the defendant the exclusive right to manufacture, sell, lease and deal with the invention in the United States, and also authorized the defendant to form a company within ninety days for this purpose, this new company to take the place of the defendant and to assume, carry out and be responsible for his obligations.

The complainant company avers that the company was duly formed and the necessary agreements made

between the company and William C. Jones, the defendant, who subscribed for 9,994 shares of the 10,000 shares of capital stock issued, the remaining shares being divided among five promoters of the new company and the inventor, Emile Berliner. On September 19, 1898, the complainant learned from the offices of the United States Gramophone Company that on the same day that the principal and collateral agreements were made between the Berliner Gramophone Company and the defendant the latter entered into another agreement, also dated September 2, 1895, with the United States Gramophone Company and Emile Berliner, wherein it was further declared, in connection with the Gramophone invention, the defendant, "the said William C. Jones, serve as broker, promoter or investor, as the case may be," and in the same agreement it was agreed that, the defendant should receive "as commission and in compensation for services" one third of all money paid to the United States Gramophone Company and Emile Berliner as royalties during the first year of the continuance of the principal agreement, and 5 per cent of all money paid to them, their heirs or assignees during the further continuance of the two agreements.

It is further averred in the bill that under this agreement the United States Gramophone Company has paid large sums of money to the defendant, this amount aggregating, the complainants believe, about \$8,000; that they had no knowledge of the existence of the agreement last mentioned until the date it was reported to them by the United States Gramophone Company, and they are advised that the defendant, the promoter of the complainant company, and standing in a confidential relation with the company, could not lawfully receive the secret commission or compensation mentioned, and the receiving of these sums of money was a fraud upon the rights of the complainants, and that the defendant is charged with a trust to account and pay over all sums received by him to the complainants. The Court is asked to order the defendant to make a discovery and pay over to the complainant company all sums of money received by him from the United States Gramophone Company under the secret agreement mentioned, with interest.

An "Exhibitor" Arrested

One day last month the police of the Eldridge Street station arraigned in the Essex Market Police Court three men whom they accused of having desecrated the Sabbath by operating such devices as Phonographs, lung testers and electric batteries in the street.

One of the prisoners was running a Phonograph, the other a lung tester, and the third an electric battery.

"You have no right to desecrate the Sabbath by putting up in the street a Phonograph whereby you draw a crowd," said Magistrate Brann to Jacob Koppleman, whose Phonograph had offended the police.

"Chudge, your honor," replied Koppleman, "I was not desecrating der Sabbath. Der music in der Phonograph was playing a churdge tune ven der cop arrested me."

"That is not so," said the detective. "There were six tailors holding the tubes to their cars when I came along, and I held one of the tubes myself before I made the arrest. The instrument was playing the couchee couchee dance and the six tailors were keeping time with their feet."

"I'll fine you \$5," said the magistrate to Koppleman. The others were fined \$2 each.

West Publishing Company Defendant in a Novel Suit

Suit was recently brought in the Municipal Court by Walter C. Cunningham against the West Publishing Company to collect \$50 for a machine to shave Graphophone cylinders, which plaintiff claims the publishing company ordered from him under contract but refused to accept upon delivery.

The publishing company has begun a counter action against Cunningham for \$50, claiming that, while a contract was entered into with Cunningham, he failed to deliver the machine, as a result of which the company had to employ stenographers to do the work which would have been accomplished by the company by the graphophones, thereby causing an expenditure by the company of \$50. The suit is the first of its kind.—*St. Paul Globe*.

An injunction has been granted in the United States Circuit Court to Thomas A. Edison, forbidding J. Stuart Blackton and Albert E. Smith from using certain inventions being covered by letters patent 589,168, issued August 31, 1897; also from using certain inventions in apparatus for exhibiting photographs of moving objects, covered by letters patent 493,126, issued March 14, 1893.

American Novelties.

The "Foreign Buyer"

Foreigners who are in the Market for 'Graphs, 'Phones, 'Scopes and novelties. Descriptive Circulars and Quotations, if sent to the following, may bring some customers

Julien Cerfont, 52 Rue Renkin, Verviers, Belgium. Asks for catalogues and prices on American novelties.

Th. Haas, Bazaina, Rue 34, Odessa, Russia. Asks for catalogues and prices on sporting goods and novelties.

Leon Nessim, Alexandria, Egypt. Asks for catalogues and prices on magic lanterns, 'scopes, etc. Manigat-Narcisse & Co., 584 Rues Vaudrevil et Royale, Cape Haitien, Hayti. Asks for catalogues and prices on office novelties.

V. Tardif, H. Moutanaris, Sr., Paris. Asks for Catalogues and prices on American novelties.

Mon. Hip. Gambier, H. Gerbaulet Suc., 1 Rue de la Perle, Paris. Asks for catalogues and prices on American novelties and toys.

Sinave Mignot, Bruxelles, Belgium. Asks for catalogues and prices on American novelties.

DEALERS IN ELECTRICAL MATERIAL, Etc.

Sweden

Allm Svencka Elektriska-Aktiebolag, Stockholm.
Elektricitetsverk, Stockholms, Stockholm.
Edvin Andreu & Co., Göteborg.
Boye & Thoresen, Göteborg.
Elektriska Byran, Malmö.
H. E. Holst's Filial, Malmö.
H. Malmgren, Malmö.

Argentine Republic

Octavio Alexandre, Buen Orden 1359, Buenos Ayres.
Bartram y Rall, Cangallo 1181, Buenos Ayres.
Ceferino Croce, Cangallo 2147, Buenos Ayres.
Sebastian Dermit, Rivadavia 1970, Buenos Ayres.
Fernando Neumann, Rivadavia 1317 Buenos Ayres.
Carlos Bright, Cuyo 874, Buenos Ayres.
Compañia de Electricidad del Rio de la Plata, Esmeralda 173, Buenos Ayres.
Juan D. Fitte, Moreno 834, Buenos Ayres.
Edmond Le Roy de Bonneville, Calle Mcjico 1718, Buenos Ayres.
Carlos Osländer, Corrientes 615, Buenos Ayres.
Luis Topolanski y Cia, Alsina 980 Buenos Ayres.
Compañia de Electricidad del Rio de la Plata, Corri. Montes y Wedekind, Aduana 395, Rosario.

DEALERS IN NOTIONS AND TOYS.

Sweden

G. Abramson & Co., Stockholm.
J. A. Asplund & Co., Stockholm.
Baumgarten & Eliasson, Stockholm.
John Gelander, Stockholm.
Carl Hall, Stockholm.
S. A. Holmqvist, Stockholm.
Heinrich Jacobsen, Stockholm.
A. C. Lundberg, Stockholm.
G. Rosendal & Co., Stockholm.
Stockhaus & Co., Stockholm.
Emil Suber, Stockholm.
A. M. S. Svensson, Stockholm.
Osterlund & Andersson, Stockholm.
C. F. Arwidssons, Göteborg.
G. & H. Hasselblad, Göteborg.
A. L. Jonasson, Göteborg.
J. H. Salomon, Göteborg.
Silvanders Herrekip-Magasin, Göteborg.
Stiberg & Sandqvist, Göteborg.
W. Söderqvist, Göteborg.
Henry Törnsten & Co., Göteborg.
J. S. Lindberg, Helsingborg.
B. Bohle & Co., Helsingborg.
Ingeborg Franke, Helsingborg.
Gellberg & Blasberg, Kristianstad.
Sommelinus & Nilsson, Kristianstad.
M. Zadig's Bazar, Malmö.
Rosa Jonas, Malmö.
Robert Lundberg, Malmö.
Engleska Magasinet, Norrköping.
Axel Andersen & Co., Norrköping.
Collins Bokhandel, Norrköping.
Gustafson & Co., Norrköping.
Frans Holmberg & Co., Norrköping.
Victor Agurth, Upsala.
Ludvig Lundgren, Upsala.

Norway

E. Jacobsen, Drammen.
J. T. S. Greve, Stavanger.
Hustvedt & Co., Stavanger.
Johan Hytten, Trondhjem.

Denmark

P. Backhausen & Co., Copenhagen.
H. Glindemann, Copenhagen.
Hansen & Callesen, Copenhagen.
Chr. Hausen Eftf., J. Ed. Erslev, Copenhagen.
C. L. Larsen, Copenhagen.
Carl Möller, Copenhagen.
Carl Schlichtkrull, Copenhagen.
Henriques & Kalkar, Copenhagen.
F. A. Olsen's Enke, Copenhagen.

Argentine Republic

Alberto Küll, Belgrano 460, Buenos Ayres.
C. R. Simons y Cia, Perú 148, Buenos Ayres.
Alcmany Hnos, Bolivar 15, Buenos Ayres.
Baques Hnos y Cia, Buen Orden 123, Buenos Ayres.
Au Bon Marché Argentino, Victoria 75, Buenos Ayres.
Gregorio Ortuno y Cia, Cangallo 1060, Buenos Ayres.
Jacobo Steinheuer & Co., Piedad 1164, Buenos Ayres.
Millan José Vazquez, Lavalle 729, Buenos Ayres.
Gutierrez, Samar y Cia, Victoria 1065 Buenos Ayres.
Rodolfo Kaufmann, Reconquista 320, Buenos Ayres.
Anezin Hnos, Cordoba 489, Rosario.
A. Sachs y Cia, Cordoba 686, Rosario.
Wolf y Schorr, San Martin 629, Rosario.
Angel Araldi; 4-42-43, La Plata.
Bazar de la Industria, 46-6-7, La Plata.
A. Lup y Pucciarelli, 7 No 1125, La Plata.
Leopoldo Serra, Independencia 761, La Plata.
Cayetano Veneroni, 51-5, La Plata.
Enrique J. Henpken, San Martin, Mendoza.
Jugueteria de Paris, San Martin 292, Mendoza.
Sarayaobol y Cejas, San Martin 366, Mendoza.
Sommer, San Martin 293, Mendoza.
M. Lamastre, San Martin 294, Mendoza.
Juan B. Soto, Mercado Central, Mendoza.
Adrian Leumann, S. Geronimo 720, Santa Fé.
Demetrio Pereda, 25 de Mayo 551, Sante Fé.
A. G. Quebleen y Cia, Comercio 630, Santa Fé.
E. Bourignon, Congreso la Ca., Tucuman.
Carbonell y Cia, Las Heras 4a Ca., Tucuman.
José Dagand y Cia, Plaza Independencia, Tucuman.
Juan Griguola, Congreso la Ca., Tucuman.
Isaias Senestrari, Plaza Independencia, Tucuman.
Enrique Philippeaux y S. Guitard, Las Heras, Tucuman.

DEALERS IN MUSICAL INSTRUMENTS (ORGANS, PIANOS, Etc.)

Sweden

Emil Ekelund, Stockholm.
Ahlberg & Ohlsson, Stockholm.
Bergqvist & Nilsson, Stockholm.
B. Dahlgreu's Aktiebol, Stockholm.
Engström & Johannisson, Stockholm.
T. Larsen, Stockholm.
A. W. Liudberg, Stockholm.
Axel Lindqvist, Stockholm.
Pettersson & Wahlberg, Stockholm.
Skandinaviska Orgelfabriken, Stockholm.
Stavenow & Co., Stockholm.
N. Wahlberg, Stockholm.
P. L. Akerman & Lund, Stockholm.
C. A. Osterman, Stockholm.
C. H. Billberg, Göteborg.
Olivier Damme, Göteborg.
Gustaf Malmgren, Göteborg.
J. G. Malmström, Göteborg.
Wm. Nilsson, Pranohdl.
Ostlind & Almqvist, Pranohdl.
Henning Zander, Jönköping.
P. A. Anderberg & Co., Malmo.
Ingeborg Lowegren's Pianomagasin, Malmo.
G. Ekstrom & Co., Malmo.

Argentine Republic

J. Bentz, Lavalle 915, Buenos Ayres.
John Hodson, Florida 127, Buenos Ayres.
Carlos Mallet, Tacuari 167, Buenos Ayres.
J. A. Medina, Florida 119, Buenos Ayres.
Guillermo Jeckeln, San Lorenzo 454, Rosario.
Jacobo Steinheuer y Cia, Piedad 1164, Buenos Ayres.

Sweden

Broderna Haglind, Stockholm.
C. E. Nilsson, Stockholm.

DEALERS IN PHOTOGRAPHIC MATERIALS.

Sweden

Ely. Nerlien, Stockholm.
N. Peterson, Stockholm.
Sv. Scholander, Stockholm.
J. W. Schmidt, Stockholm.

Boye & Thoresen, Goteborg.
G. Gyllenspetz, Goteborg.
G. & H. Hasselblad, Göteborg.
L. J. Lange, Göteborg.

Norway

H. Abel, Christiania.
Bang & Tegner & Co., Christiania.
J. L. Nerlien, Christiania.

Denmark

Budtz-Müllers Eftf., Copenhagen.
Dausk Carton-Comp., (Darre & C. Mortensen), Copenhagen.
Carl Erichsen, Copenhagen.
A. L. Goecker, Copenhagen.
Heinrich & Poulsen, Copenhagen.
Mansfeld Büllner & Lassen, Copenhagen.
Edv. Möller, Copenhagen.
M. L. Moller & Meyer, Copenhagen.
Stolten & Simonsen, Copenhagen.
Ostergades Material Handel, Copenhagen.

Argentine Republic

Enrique Lepage, Bolivar 375, Buenos Ayres.
Gregorio Ortuno y Cia, Cangallo 1060, Buenos Ayres.
Samuel Boote, Florida 216, Buenos Ayres.
H. Stein, Av. de Mayo 726, Buenos Ayres.
Engenio Widmayer, Cerrito 192, Buenos Ayres.

DEALERS IN MICROSCOPES, SCIENTIFIC INSTRUMENTS, OPTICAL GOODS AND THERMOMETERS.

Argentine Republic

Bono y Bruschi, Piedad 533, Buenos Ayres.
Bonvallet y Charpentier, Cangallo 1253, Buenos Ayres.
Schnabl y Cia, Florida 171 Buenos Ayres.
Sebastian Cova y Cia, Cordoba 514, Rosario.

DEALERS IN TELEGRAPH AND TELE- GRAPH MATERIAL.

Argentine Republic

Compania Telegrafico Telefonica del Plata, Recon-
quista 230, Buenos Ayres.
India Rubber, Gutta Percha y Telegraph Works Co.,
Bolivar 300, Buenos Ayres.
Union Telefonica, Oficina Central, 47-8 La Plata,
Buenos Ayres.

The Talking Machine in the White House

The Graphophone plays an important part in the business of the White House. The graphophone is located on the desk of Col. Benj. S. Montgomery who is in charge of the telegraph and telephone service of the Presidential office and through whom all the war news came to the President. The instrument is put to some strange and interesting uses showing that the graphophone has great practical value as well as power to entertain. Its various uses are best described in the words of Col. Montgomery who writes: "The graphophone is placed in the back of my desk, near the telephone and close to a resonator which holds a telegraph sounder, thus within easy reach at all times for any kind of work it may be called upon to do. To illustrate: if an important and confidential communication is talked over the telephone it is repeated, while being received, into the graphophone, if a telegraph message is ticked out on the sounder, and a telegrapher is not at the moment convenient, the speed regulator of the graphophone is adjusted and the little machine at once becomes an expert operator and records the telegram. In short, for my work it is a first-class stenographer and telegrapher combined. It is run by the same electric current which supplies the light and for this reason it is always ready when wanted. Unlike many stenographers and telegraphers and not a few clerks it has no attacks of indigestion, sick headaches or restless anxiety to get away to a ball game or meet a "cousin from the country." It is never late in the morning, nor in a hurry to get home in the evening; it is never "shaky" from smoking cigarettes nor "all run down" and "worn out" by a bicycle ride or a Sunday school excursion the day before. It is almost human in its efforts but not subject to the "ills that flesh is heir to." Of course it "talks back" but was never known to say more than was necessary.

Export Business

Talking-Machine Shipments Abroad as Reported by New York Custom House

SEPTEMBER 15th to OCTOBER 30th 1898

ABERDEEN, Scotland		
Description	Quantity	Value
Phonograph Goods	1 Case	\$10 00
ANTWERP, Germany		
Gramophones	18 Packages	798 00
Gramophones	1 Case	150 00
Phonograph	1 Case	44 00
Gramophones	2 Cases	60 00
Phonograph	1 Case	16 00
Total		\$1,068 00
ARGENTINE REPUBLIC		
Phonograph Parts	1 Case	30 00
Gramophones	2 Cases	32 00
Phonographs	21 Packages	325 00
Graphophones	69 Packages	820 00
Phonograph Goods	12 Cases	933 00
Total		\$2,140 00
BOLIVIA		
Phonographs	1 Case	200 00
Total		\$200 00
BRAZIL		
Phonograph Goods	8 Cases	227 00
Graphophone	1 Case	33 00
Graphophone Goods	1 Case	45 00
Phonograph Goods	2 Packages	10 00
Phonographs	4 Cases	240 00
Graphophone Goods	1 Case	25 00
Phonographs	12 Cases	405 00
Graphophones	1 Case	45 00
Phonograph Goods	7 Cases	140 00
Phonograph Goods	1 Case	200 00
Phonograph Goods	8 Packages	189 00
Graphophones	4 Cases	153 00
Total		\$1,712 00
BREMEN, Germany		
Phonograph Goods	1 Case	108 00
Phonograph	1 Case	25 00
Total		\$133 00
BRITISH AUSTRALIA		
Gramophone Goods	2 Packages	267 00
Gramophone Goods	3 Packages	119 00
Phonograph Goods	8 Cases	468 00
Phonograph Goods	19 Packages	905 00
Graphophone Goods	1 Case	56 00
Phonograph Goods	11 Packages	465 00
Graphophones	7 Cases	389 00
Graphophones	8 Packages	225 00
Gramophones	2 Packages	32 00
Phonograph Goods	8 Cases	400 00
Gramophone	1 Case	23 00
Phonograph Goods	28 Cases	1,016 00
Phonograph Goods	14 Packages	181 00
Total		\$4,546 00
BRITISH EAST INDIES		
Phonograph Goods	4 Packages	45 00
Phonographs	23 Packages	580 00
Gramophone Goods	2 Cases	219 00
Graphophone Goods	4 Cases	177 00
Total		\$1,021 00
BRITISH HONDURAS		
Phonograph Goods	7 Packages	90 00
Phonograph	1 Case	30 00
Phonograph Goods	125 Boxes	1,851 00
Graphophones	30 Cases	1,250 00
Total		\$3,221 00
BRITISH POSSESSIONS IN AFRICA		
Phonographs	19 Cases	491 00
Phonograph Goods	5 Cases	138 00
*Gra'phones	4 Cases	500 00
Phonograph Goods	3 Cases	35 00
Total		\$1,164 00

BRITISH WEST INDIES		
Graphophones	2 Cases	36 00
Gramophones	2 Cases	54 00
Gramophone Goods	3 Cases	37 00
Total		\$127 00
CHILI		
Records	5 Cases	350 00
Gramophones	21 Cases	550 00
Gramophone Goods	1 Case	96 00
Gramophone Goods	2 Cases	200 00
Total		\$1,196 00
CHINA		
Graphophones	36 Cases	999 00
Gramophone Goods	1 Case	4 00
Total		\$1,003 00
CHRISTIANIA, Norway		
Graphophones	1 Case	\$70 00
CONSTANTINOPLE, Turkey		
Gramophones	7 Cases	\$875 00
COPENHAGEN, Denmark		
Phonographs	3 Cases	\$60 00
CUBA		
Graphophone Goods	1 Case	\$31 00
DANISH WEST INDIES		
Gramophone Goods	1 Case	\$15 00
DUTCH GUIANA		
Phonograph Goods	2 Cases	\$71 00
ECUADOR		
Graphophones	1 Case	79 00
Gramophone	1 Case	25 00
Total		\$104 00
GENOA, Italy		
Phonograph Goods	2 Cases	\$38 00
GLASGOW, Scotland		
*Gr' phones	3 Cases	\$429 00
HAMBURG, (Germany)		
Graphophones	6 Cases	117 00
Phonographs	3 Cases	90 00
Phonograph Goods	18 Packages	653 00
Gramophone Goods	1 Case	12 00
Graphophone Goods	2 Cases	200 00
Phonographs	8 Cases	520 00
Phonographs	19 Cases	2,160 00
Phonograph Goods	4 Packages	70 00
Graphophones	6 Packages	265 00
Phonographs	39 Packages	1,125 00
Graphophone	5 Packages	555 00
Phonograph Goods	4 Cases	100 00
Graphophone	10 Packages	245 00
Total		\$6,112 00
HAVRE, France		
Graphophones	7 Cases	448 00
Graphophones	9 Cases	1,775 00
Graphophones	105 Packages	2,975 00
Graphophones	4 Cases	1,000 00
Phonograph Goods	17 Packages	312 00
Graphophone Goods	16 Cases	2,100 00
Gramophone	1 Box	20 00
Graphophones	19 Cases	1,375 00
Total		\$10,005 00
LONDON, England		
Phonographs	3 Cases	65 00
Phonograph Goods	4 Cases	43 00
Phonographs	647 Cases	14,600 00
Phonographs	329 Cases	17,395 00
Phonographs	4 Cases	1,200 00
Phonographs	53 Cases	2,525 00
Phonograph Goods	27 Cases	1,350 00
Total		\$37,178 00
MANCHESTER, England		
*Gra'phones	30 Cases	1,300 00
Graphophone Goods	4 Packages	95 00
Total		\$1,395 00

MEXICO		
Phonograph Goods	4 Cases	95 00
Phonograph Goods	2 Packages	44 00
Gramophone	1 Case	21 00
Graphophone Goods	1 Case	135 00
Phonograph Goods	12 Packages	391 00
Graphophone Goods	4 Cases	55 00
Gramophone Goods	1 Case	16 00
Total		\$757 00
NEW ZEALAND		
Phonograph Goods	31 Packages	\$796 00
OPORTO, Portugal		
Phonograph	1 Case	\$38 00
PERU		
Gramophones	1 Case	85 00
Gramophones	1 Case	60 00
Phonograph Goods	31 Packages	130 00
Phonograph Goods	1 Case	22 00
Graphophones	2 Packages	141 00
Gramophones	4 Cases	70 00
Total		\$508 00
ROTTERDAM, Holland		
Phonograph Goods	2 Cases	13 00
Graphophone Goods	1 Case	19 00
Phonograph Goods	2 Cases	15 00
Total		\$47 00
SAN DOMINGO		
Phonograph Goods	1 Package	\$25 00
SIAM		
Graphophones	2 Cases	\$100 00
ST. PETERSBURG, Russia		
Phonograph Goods	5 Cases	\$220 00
URUGUAY		
Graphophone Goods	6 Cases	87 00
Phonographs	4 Cases	107 00
Gramophone Goods	1 Case	24 00
Total		\$218 00
UNITED STATES OF COLOMBIA		
Phonograph Goods	6 Packages	200 00
Phonograph Goods	1 Case	16 00
Graphophone Goods	1 Package	19 00
Phonograph Goods	1 Case	50 00
Phonographs	15 Cases	418 00
Graphophones	1 Case	70 00
Phonograph Goods	2 Cases	20 00
Total		\$784 00
VENEZUELA		
Phonograph Outfit	1 Case	183 00
Phonograph Goods	4 Cases	62 00
Phonograph Goods	4 Packages	93 00
Total		\$338 00
OVERLAND SHIPMENTS		
JAPAN (via San Francisco)		
Graphophones	67 Cases	\$2,500 00
Graphophone Goods	37 Bbls.	

SUMMARY		
Phonograph Goods	55,633 00	
Graphophone Goods	20,063 00	
Gramophone Goods	3,904 00	
Records	350 00	
Doubtful	2,229 00	
Grand Total	\$82,179 00	

*Owing to certain abbreviations and inaccuracies in the reports furnished by the Custom House it is impossible to determine, in this instance, whether Graphophones or Gramophones are intended to be specified. Abbreviations are here given verbatim as issued by Custom House officials.

New Corporations

Polyphone Company, Chicago, Ill., capital, \$1,800. Manufacture Talking-machines, etc.; Incorporators, Lewis N. Curtis, H. M. Munday, Edmund Adcock.

The International Talking-Machine Company, principal office, Washington, D. C. Capital subscribed, \$500; amount paid in, \$500; capital authorized, \$5,000,000. Incorporators, Geo. W. Gomber, Wm. T. FitzGerald, Edwin E. Overholt, A. G. Miller, John M. Wiley, Washington, D. C.

THE PHONOSCOPE

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PUBLISHED MONTHLY BY

THE PHONOSCOPE PUBLISHING CO.

4 EAST 14TH STREET, NEW YORK, U. S. A.

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FRANK L. CAPPS, CONSULTING MECHANICAL ENGINEER.
EMIL IMANDT, MANAGER OF PUBLICATION OFFICE.

SUBSCRIPTION:

United States and Canada	\$1.00 per year
Foreign Countries	1.50 "
Single Copies	10c. each

Back numbers can be obtained at regular rates.

ADVERTISING RATES FURNISHED ON APPLICATION

All communications must be addressed to The Phonoscope Publishing Co., 4 East 14th Street, New York City, to insure prompt attention.

THE PHONOSCOPE is the only journal in the world published in the interest of Talking Machines, Picture Projecting and Animating Devices, and Scientific and Amusement Inventions appertaining to Sound and Sight.

Correspondents in London, Paris, Berlin, Amsterdam, Madrid, Alexandria and Constantinople, Australia, South America, Central America, Canada and 108 cities in the United States.

The Publishers solicit contributions from the readers of THE PHONOSCOPE, and suggest that any notes, news or items appertaining to sound and sight would be acceptable.

Present and Future

The talking-machine trade is and ever has been a peculiar one. The fact that sound can be reproduced exactly as made is truly wonderful.

As wonderful as it may seem in the abstract, the problem of reducing the broad scientific principle to the very practical concrete is now in its first stages of development.

Up to the present time no model has been put upon the market on which Mr. Edison of the National Phonograph Company, or Mr. McDonald of the American Graphophone Company, would stake their reputations as the finest machine possible of development under the present patent rights. The state of the art is embryonic. The machines now used will work, after a fashion, but ten years from now these machines of to-day will probably be in the same category with the horse car, velocipede and smooth bore cannon. Others embodying improvements yet undreamed of will supplant them. Great strides are being made in the line of new ideas.

The Polyphone is perhaps the newest of all devices for the practical improvement, yet the polyphone is exceedingly simple in its mechanism. It has two vibrating diaphragms or speakers. As each speaker is complete in itself and as the reproducing sapphire of each speaker travels in the same groove, on the cylinder, reproducing the same matter simultaneously, it is necessarily and as a matter of fact a double reproduction which, mechanically considered, must be twice as loud as a single one; when considered from the standpoint of physics, however, the well-known law is operative, and the sound emanating from the one horn, is aided, intensified and amplified by the sound emanating from the other horn which result is in fact the multiplication of the original sound waves.

It is time to revolutionize the trade; for the public, although they have purchased freely of the machines at their disposal, have come to a realizing sense of the fact that no talking-machine is as good as it really ought to be or as good as it really will be when the present experimental stages are past. The demand for the present machines is no longer great. It is time for new ones and new ones are in process of construction.

Graphophone to Teach Chinese

Not the least wonderful of all the surprising things heard of during this age of discovery seems to be the latest use to which the Graphophone has been practically put. The Chinese language, which contains 44,444 characters, is a phonetic language. Studied by character (technically by its alphabet) Chinese is exceedingly difficult, but when studied by its phonetics the complicated tongue spoken by hundreds of millions of people is simple indeed. The articulated words, phonetically spoken, are recorded on the sensitive surface of a Graphophone cylinder to be reproduced at will.

Rev. John E. Gardner, the interpreter of Chinese at the Custom House at San Francisco, planned the novel method of studying the Chinese language. He speaks the Chinese words and the explanations necessary into the machine. The records thus made are sent across the continent to Rev. Mr. Poole of Philadelphia who is also an expert in the use of the ancient tongue. Mr. Poole instructs his class according to the directions received from the Talking-machine and the experimental system is complete.

In addition to the aforesaid it may be of interest to many to know that a large New York firm has one of its many factories located in North Carolina where colored help is exclusively employed and where it is impossible to retain a competent stenographer. Between the home office and this factory no letters ever pass. Communications and orders are put upon wax cylinders and the cylinders bodily shipped from factory to office or *vice versa*. This plan has been in actual operation for over a year with satisfactory results.

* * *

The Phonoscope

It will be noticed that this issue of THE PHONOSCOPE contains a number of new features. Past editions were taken for what they were worth. But their value, great as it is, is no indication of the value of future editions. It is proposed to put THE PHONOSCOPE during the coming year into the position it should occupy as the recognized journal of the talking-machine trade. We have no control over the contents of past issues. They are printed and cannot be changed. But of coming editions we have full control. Definite arrangements have been completed for the enlargement of the scope of this magazine. The trade really requires one journal devoted to its interests. Such is the mission of THE PHONOSCOPE and its mission will be fulfilled. Several new features have been inaugurated in this number. They will be recognized at once by old subscribers and fully appreciated. New subscribers will soon learn that THE PHONOSCOPE is a valuable periodical. Advertisers will appreciate the fact that this edition will go to 12,000 persons who now use and hope in the future to use these wonderful goods. Subscribers will appreciate the concise information contained. The advertisers and subscribers are the ones we shall strive to please. No more free copies will be handed to Tom, Dick and Harry "for the fun of it." THE PHONOSCOPE circulation will be controlled by another method—the method of subscription. No one unless he be an advertiser or subscriber will hereafter obtain a copy. To that end and in order that an enlarged substantial bona-fide subscription list may be secured it has been deemed wise by the publishers to make an offer of such magnitude that it cannot be overlooked. To the person who will send us the largest number of subscriptions at \$1 each, before March 1st, we will give a gold-plated talking-machine with complete outfit; or if the winner prefers he can have goods of this class such as he may choose of any of the present companies to the value of \$100. This offer is open to all. The name of the successful canvasser with the names of the subscribers furnished will be printed in full in the March PHONOSCOPE.

* * *

With or Without Tube

The concert hall ordinance which was enacted by the Connecticut legislature over a year ago prohibits the maintenance of a musical instrument in any place where liquor is sold unless special authority be obtained. One man in Bridgeport uses a Phonograph to circumvent the statute. Now the authorities claim that the Phonograph is a musical instrument under the law. Counsel for defendant argued that while a Phonograph with a horn attached so as to be heard by many may be a musical instrument under the law a Phonograph with tube attachments would not come under the same law. An interesting fight is on pending the decision.

* * *

The Continental Phonograph Company

Comodore Cheever, one of the organizers of the various sub companies recently under control of the late North American Phonograph Company, and Col. L. E. Evans, one of the prime movers in the organization of the New England Phonograph Company, have returned to the field in which they did such valuable pioneer work and have recently formed the Continental Phonograph and Record Company. Col. Evans has outlined to us the principles upon which this company intend to do business. We predict a brilliant future for the new organization.

Our Correspondents

PORTLAND, OREGON, October 11th 1898.
EDITOR OF THE PHONOSCOPE.

DEAR SIR:—The business in Portland is "looking up" a little.

While my business is not as good as last year at this time, yet it is better than for some time past. Grousbeck is still doing good business with talking-machines and stereopticons in Third Street. He was at the state fair at Salem nine days and did very well.

The Portland Exposition opened the 22nd of September and is on for a month. Mrs. Jas. Cullen has the "exclusive" concession for phonographs and is doing a good business. She also has six "nickle-in-the-slot" picture boxes.

Mr. D. Lampman is running a projectoscope and other picture machines at the fair. He is giving illustrated songs; Lampman has also sprung a new one here, "the battle of Manila." This is very realistic; you see Dewey's fleet demolish Montijo's Spanish fleet, after which—as "Artemus Ward" used to say—"you get red fire then the curtain falls"

On Sunday the 2nd of October, Mr. Lampman's down-town place caught fire and was completely burned up. He was giving war pictures with the projectoscope at the old Cyclorama building, 49 3rd Street, and the party who was running the machine, dropped a cigarette into the film and there was an explosion; quite a large audience was present at the time and were gotten out with great difficulty, several being burned badly. Mr. Lampman is refitting the place and will open again on Saturday next.

Mr. E. J. Rollins of this city has constructed a new machine which he calls the "phono-opticon" and has been working it at the state fair, also here in Portland. Mr. Rollins' machine consists of a talking-machine in connection with fourteen pictures of the Spanish war placed in a cabinet.

In some of my former letters to your magazine I have said that the phonograph had come to stay. I am still firmly convinced that such is the fact.

The latest songs and instrumental gems are always to be heard on the phonograph first.

For instance, I have been playing ten selections from Sousa's "Bride Elect" for the last seven months, only three of which are published up-to-date. There are not more than ten musicians in this city that ever heard anything from the "Bride Elect" except the one march which carries the name of the opera. There are not six musicians in this town that yet know that Sousa ever wrote an opera named "The Bride Elect." Now Sousa has written "The Charlatan" and I will soon have a dozen selections from it and I will go on trying to educate the people. If the phonograph is anything in this world it is an educator, at least that is what I am working it for, and I mean to "whoop it up" for all time.

Just a few minutes since I played songs and bands and quartettes to a couple of actors—Mr. Hal DeForest, and Mr. Monohan, of the "Heart of Chicago" company, (who are at "Cordorays" this week,) that they had never heard before. Listen to me—the phonograph is in it and she is going to stay in it if the men who run it only know their business. Mr. Edison threw a "high card" when he made the phonograph. In the matter of machinery the phonograph is the most marvelous of all the ages, from Aristotle to Edison, no other thing in mechanics comes any nearer to it than is the earth to the sun, which is the centre of our system.

JOHN MONROE.

Russell Hunting has just issued his telegraphic code to the trade. Many large companies including the Columbia, the National Edison, Mr. Bettini and Mr. Prescott have had special editions of this code printed for their private use. After use by them for two months it has been decided to issue a consolidated edition of five thousand copies for the general trade. All the leading firms making or dealing in Talking-Machines or supplies have placed advertisements in the code. This volume of over three hundred pages is the recognized telegraphic code and is at the same time the encyclopaedia of the business. It cost \$1,192.00 to issue it and it also involved much labor during the eight months of its compilation. It includes a complete and classified list of each and every separate part of all talking-machines and accessories yet invented. Mr. Hunting has a few unsold copies which may be secured by addressing him in care of THE PHONOSCOPE.

Answers to Correspondence

All questions pertaining to Talking Machines, Picture-Projecting Inventions, Automatic Coin-in-Slot devices, Amusement Inventions, etc., will be cheerfully and fully answered in this column. Inquiries for this department should be addressed, Information Department, The Phonoscope, 4 East Fourteenth Street, New York, U. S. A. ❀ ❀ ❀ ❀ ❀

"C. S. K." LIMA, OHIO.

[You can obtain the record of the "Bugler of San Juan" from the Columbia Phonograph Company.—Ed.]

"W. J. P.," NEWARK, N. J.

[W. J. P. of Newark, N. J., desires to know why it is impossible to procure lecturers who can give a scientific explanation of the talking-machine. The reason is that few make the study of the art of recording and reproducing, who can spare time and who are fully capable of appearing before a critical body of students and exemplifying the methods. Anyone desirous of such services however, may secure the attention of a well-posted lecturer, Yale graduate, by making known such desire to the editor of this magazine.—Ed.]

"H. H. C.," FRESNO, CAL.

[H. H. C., of Fresno, Cal., enquires how it is possible to give exhibitions to passers-by along the street when the weather is cold and the street door must be shut. Mr. Kent of Binghamton, N. Y., who has many ingenious devices for the conduct of this business, solved the problem successfully. He placed his machine near the front window. Through a proper sized hole (half-inch) in the window casing he passed a rubber tube of the largest size. To the outer end of this tube he affixed a twenty-six inch japanned horn and made it stationary by additional cords. The inner end of this large tubing he attached to the reproducer in the usual manner. The record is reproduced and the sound goes through the rubber tube and horn with wonderful volume.—Ed.]

"R. H. P.," ELKHART, IND.

[In response to an inquiry from R. H. P., of Elkhart, Ind., it may be stated with reasonable certainty that Mr. Edison would not take the "idea" off from your hands and perfect it. Mr. Edison is a very busy man and no longer dabbles in small things. If Mr. Edison wanted to put upon the market a talking-doll he would poke around in the recesses of his own laboratory and resurrect the perfected model of the one he threw into the corner some years ago. Mr. Edison has not only a talking doll, but a score of other wonderful things which would drive the public crazy if they could all be "sprung" at one time. For your information it may be well to say that Mr. Edison is giving his undivided attention to his process for abstracting iron ore from the earth by electricity. He has expended vast sums of money in a long series of experiments with a result equal in importance to the telephone and the phonograph. This magnificent achievement is a fitting close, in the line of discovery, for this wonderful nineteenth century. You are seriously advised not to bother Mr. Edison with any importunities for assistance in perfecting your talking-doll.—Ed.]

"H. J. P.," WILMINGTON, DEL.

[H. J. P., of Wilmington, Del., asks a very knotty question in relation to the composition and manufacture of wax cylinders. Briefly in reply it may be stated that two companies only have the right under patents to the use of these cylinders. It is true that thousands of dollars have been expended in litigation, hoping to find the equitable owner of the right to use the cylinder. All legal complications to date have been settled by compromise—both companies, "Phonograph" and "Graphophone" to use their own formulas. The cylinders made by these two companies differ. The secret process of making these blanks is not so much in the component parts (chemists have analyzed the wax-like compound with absolute accuracy), as in the method of mixing these parts and the temperature suitable to reduce the composition to a proper consistency. You would be sued at once if you start to manufacture these blanks. This is a vital feature of the trade and the secret has been most carefully guarded for many years.—Ed.]

"A. K.," DARIEN, GEORGIA.

[The record which you sent us is mouldy. This mould cannot be taken off. The southern climate does not have any effect on cylinders if they are of the proper quality. The parent companies in making experiments to improve their cylinders, sometimes unconsciously turn out a few bad ones such as the one you sent us. You should return the records to the company that sold them to you. They will probably give you good ones in return.—Ed.]

"J. W. G.," HALIFAX, ENGLAND.

[In reply to J. W. G., of Halifax, England. It is almost impossible to answer your questions as you do not advise us what kind of a piano you use. It is a very easy matter to take good records of an upright piano. The results from a square or grand instrument are generally very poor. If you use an upright piano, elevate it about three feet from the floor. Place your phonograph back of the piano on an ordinary table and adjust your horn so that it will point towards the middle part of the lower register of the piano; that is, if your piano is about five feet long, direct your horn to about one and a quarter feet from the bass end of instrument or rather the end of the sounding board over which the bass strings are strung. In playing the piano to the 'phone never use the forte pedal. The artist should play staccato instead of legato. The distance from the mouth of your horn to the piano varies according to the sensitiveness of your diaphragm. The best way to experiment is to move the machine and horn while the artist is playing, announcing on the record the changes in distance as they are made.—Ed.]

It is Rumored That

- Zither records are popular.
- Christmas trade will not be as brisk as it was last year.
- The clerical force at Columbia Parlor has been greatly reduced.
- Talking-Machine offices will soon be opened in Berlin and Buenos Ayres.
- Len Spencer's minstrels will be the finest troupe that ever took the road.
- The Columbia plant for the shaving of blanks is the finest in operation to-day.
- Several employees of Columbia Parlor are to be transferred to the Paris office.
- Mr. Edison will take a phonograph with him when he goes to Russia next month.
- A large block of Graphophone stock was recently sold in Washington for 13½.
- The Columbia Company next year will not retain all of the present force of talent.
- The new London Phonograph Company, has \$1,000,000. with which to begin business.
- The Columbia Phonograph Company recently sold 1,000 machines to be shipped to India.
- A phonograph patent of much importance has recently been granted to Thomas A. Edison.
- F. M. Prescott has a new horn-stand which is a recognized improvement over all others.
- Maguire & Baucus will soon give up the talking-machine department of their business.
- The Polyphone will be very generally used by all owners of Phonographs and Graphophones.
- George J. Gaskin will devote his salary to the paying of his bets (on Van Wyck) for some time to come.
- A new leather carrying case, made the same as a dress-suit case, will be used by all swell owners of machines.
- Col. Evans will have a fine trade for his Continental Phonograph Company, from his many G. A. R. friends.
- Russell Hunting's record of Cyrano de Bergerac has led the collections from the slot-machines in Columbia Parlor.
- The Columbia Company will allow all employees a commission, in addition to salary, for all sales they may make outside the office.
- Phonographs and Graphophones with Polyphone attachments will be quite generally used in furnishing music for swell cotillions this winter.
- One of Columbia's crack salesmen has been offered the management of a company recently formed for the manufacture of a clock which will run for two years and a half. The winding apparatus of the clock is operated by chemicals.

Editorial Comments on Records

Frequent requests have been received for editorial criticism of certain records. In response to such requests it has been decided to devote this column to brief mention of any and all records sent us as samples. No advertiser owns this column and comment here is on the merit of the record. ❀ ❀ ❀ ❀ ❀

The vocal record sent by Mr. Chapman is absolutely without merit. Tone—"mushy;" quality—very poor.

"The Snow Baby" as sung by Miss Minnie Emmet is worthy of special notice. The record is loud and clear, free from blasts and withal beautifully rendered.

The record of the song "The Holy City," as made by Albert Campbell, calls for special mention. The sustained high note at the end of the song is as good as any we have ever heard.

The record "Honolulu Belle" as sung by Mr. Hooley is worthy of mention. Mr. Hooley's good articulation in this song was specially noticeable. The tone was full, round and pleasing.

The xylophone solo "Fire-fly Galop" as played by Mr. Chas. P. Lowe is a masterly performance. We have a record of this selection which is the loudest xylophone record we have heard.

The record of "The Palms," as rendered by Mr. Steve Porter, is one of the loudest records we have ever heard. The piano accompaniment is especially fine, a feature generally lacking in this selection.

The Trinity Church Chime record submitted by Mr. George Emerson is very fine. The tone is wonderfully strong. We notice that the tones of the bells do not run together, a fault generally found in chime records.

The sacred selections sung by Mr. Fisher for the Columbia Phonograph Company are masterly efforts. The tone full, the phrasing beautiful. He should sing "The Armorer's Song" and similar selections with more intensity of spirit.

The orchestra record, "The Awakening of the Lion," as played by Geo. Roscy's Orchestra for the Universal Phonograph Company, is an exceptionally beautiful record. The execution of the closing bars (especially the bass movement) is very striking.

The record of "Bugle Calls," as rendered by Bugler Cassi, of "Roosevelt's Rough Riders," for the Columbia Phonograph Company, is a most excellent record. The tone is marvelously strong, the execution very brilliant. The "taps" call however, is not played as written in the manual.

The violin record of "Cavalleria Rusticana" as rendered by Mr. Hager for the Harms, Kaiser & Hagan Company, is one of the very best records we have heard. This record is especially praise-worthy as the phrasing and expression is not sacrificed to obtain volume of tone.

The band record, "Light Cavalry Overture," as played by the Metropolitan Band, for the Norcross Phonograph Company, is worthy of praise. The sustained bass notes in the first movement and the execution of the selection generally, merits special notice. Volume of tone—grand.

The vocal record "She Was Bred in Old Kentucky," as sung by Miss Mabel Taylor King for the Excelsior Phonograph Company, is the very best record of this song we have heard. The story is rendered with proper feeling. The voice sweet and mellow.

The dramatic selections from "Cyrano de Bergerac" as recorded by Russell Hunting, for the Columbia Phonograph Company, are unexcelled. The tone, intonation, articulation and expression is beautiful. The dramatic effect, realistic and impressive.

Trade Notes

Norcross works day and night and is still unable to supply the demand for his excellent band records.

There will be a new Phonograph parlor opened on Fourteenth Street, New York City, in the near future.

The Columbia Company has withdrawn the \$40.00 "Bijou" class "AN" graphophone from the market.

The Edison Company at the corner of Halsey and New Streets, Newark, N. J., is now state headquarters for phonographs.

G. A. Barlow's Sons of Paterson, N. J., handle and keep in stock phonographs, graphophones, and accessories. All sizes and prices.

Harry Bennett is receiving many compliments for his artistic piano playing for the record-making exhibitions at Columbia parlors.

F. W. Nolte, 37 Fort Street, Victoria, B. C., has established quite a trade in Graphophones. He makes a specialty of the \$15.00 machine.

Geo. D. W. Brown of Passaic, New Jersey, is advertising phonographs and graphophones in connection with his bicycles and sporting goods.

Mr. W. H. Miller, who has been exhibiting the phonograph and vitascope throughout the West, is about to open a parlor on Eighth Avenue, New York City.

The Keating boys, Chas. Carson and a number of the Columbia employees are in Washington, D. C., on a pleasure trip. The Keating boys are the hosts.

Mr. Roche the manufacturer of the famous dry batteries attends to the making of the batteries personally and is acquiring an enviable reputation for his goods.

Goldsmith's Music Store of Columbus, Ohio, sells a number of graphophones. By careful and courteous treatments Mr. Goldsmith has built up an excellent trade.

M. W. Waitt & Company, 60 Government Street, Victoria, B. C., are advertising Graphophones quite extensively. Mr. Waitt reports business as exceedingly brisk.

Brazer & Company, Lowell, Mass., in connection with their sporting goods department, carry a full line of Graphophones. They report the local trade as very brisk.

Some very good reproducing points are now made of glass instead of sapphire or steel. Sapphire is expensive, steel will rust, but glass is said to supply all the requirements.

The American Graphophone Company has declared a quarterly dividend of $1\frac{3}{4}$ per cent. on preferred stock, payable November 15, to stockholders of record November 1.

The British Chemists Company of Toronto, Canada, is offering graphophones as premiums to agents who distribute its medicines. This concern does an enormous business.

Mr. William E. Gilmore, general manager of the Edison Laboratory and Phonograph Works, has recently returned from a six week's trip with his wife through Southern California.

There is room in the business for some responsible and reliable company who make good individual record boxes. Millions of such boxes would be used if they could be obtained.

H. S. Ackers, 350 Main Street, Poughkeepsie, N. Y., is handling the Gram-o-phone and Graphophone. Exhibitions are given daily. Mr. Ackers keeps his record stock strictly up-to-date.

Orders for phonographs are being received in generous quantities and the factory in Orange, N. J., is being run until eight o'clock each night in order that the demand may be supplied.

Mr. Stoll, of Trenton, N. J., is advertising a talking-machine for \$3.50 and others at \$10.00 \$15.00 and \$25.00. Mr. Stoll has an excellent record sales room in the basement of his store.

Keller's Music House of Easton, Penn., is selling a number of talking-machines. It is to be regretted that this heretofore excellent firm has resorted to scheme-goods methods and is cutting prices.

Miss Estella L. Mann has completed rehearsals of all the best numbers from the comic opera successes of the season. Miss Mann says she finds a very good market for this class of records, especially "The Boy Guessed Right" from "A Runaway Girl."

Mr. John Annan, who is one of the principle officers in the Edison Bell Phonograph Corporation, Limited, of London, was in New York recently. Mr. Annan is one of London's leading financiers and his advice on financial matters is highly esteemed.

Mr. L. Kaiser the genial representative of the National Phonograph Company's sales department is very popular among the various New York companies. Mr. Kaiser's frank, square, substantial methods are appreciated by all who have business relations with him.

The Graphophone Company issued Nov. 1 a tasty catalogue of forty pages. It has a blood-red cover and shows a marked improvement over literature heretofore furnished. The goods provided by this leading company are varied enough to satisfy the most fastidious.

Steinert's Music Store in Bridgeport, Conn., has a very fine line of graphophones in stock. The record department of this firm is really an important feature. The firm's knowledge of the music trade enables them to handle only such selections as are meritorious and popular.

G. A. LeBaron's Music Parlors of Sherbrooke, Que., have been extended by the addition of a large stock of graphophones. The addition of talking-machines is a new feature of his already extensive trade in sheet music. Mr. LeBaron advertises freely in the local papers and should meet with success.

Rev. Frederick W. Wey, of Waynesville, N. C., is in the city. He is one of the original subscribers to THE PHONOSCOPE and is an enthusiast. He has an old style type "K" graphophone, which he uses to entertain and instruct the mountaineers in his mission field. Mr. Frey has purchased a fine outfit for future use.

Have you heard the Lyric Trio's records of the "Good-night Trio" from "Dorothy?" A beautiful number; well sung.

Miss Mann's vocal records are meeting with great success. Her selections from the standard operas are properly rendered, showing great care and preparation.

Joseph A. Weber who has been a Phonograph singer for the past seven years, is meeting with marked success. His theatrical engagements have kept him away from this line in the past, but recently he has devoted most of his time to record-making. Besides his excellent rendition of English songs, he sings German in the true language which cannot be excelled. His yodle songs are very artistic.

F. C. Tuttle of New Haven, Conn., has, for some time past, been making experiments as to the very best quality of rubber tubing for Talking-ma-

chine reproduction. He claims to have secured the exclusive agency for a special brand that is especially suited for this purpose. The sample tube sent THE PHONOSCOPE was excellent, the improvement over the ordinary tubing is at once apparent. The new tubing also costs less.

Mr. James White, who is connected with the Vitascope department of the Edison Works, has recovered from his recent illness and is now able to resume his official duties. Mr. White has recently returned from a trip to China and Japan, where he went in the interests of the Edison Company. An interesting article is promised in our next issue setting forth the salient points of his exceedingly interesting journey.

A dealer in Cortland Street who recently bought graphophones for twenty-five per cent. off, making the \$10.00 eagle net him \$7.50, is never happy when he passes another dealer's place every day on his way to lunch in whose window is displayed a pile of graphophones for sale at \$6.50 or \$1.00 less than he can buy them for to say nothing of the profit. The former dealer thinks the talking machine business is a bit peculiar.

It has up to this time been deemed impossible to obtain a good record of a church organ. In a recent issue Mr. Tuttle of New Haven was called into prominence for his failure to secure one after many trials. Now, however, Mr. Tuttle is to be congratulated for solving the church organ problem. He has discovered the secret and great credit is due him for his skill and patience. He has really done what hundreds of experiments, heretofore made, have uniformly failed to accomplish. Many a Yale graduate would like a record of the organ and of the chimes of historic old Trinity Church fronting on New Haven green. Such a record would recall pleasant memories of Sunday mornings and would be highly valued.

Items of Interest

Few customers know how difficult it is to pronounce some words to a talking-machine so that they will be plainly heard in the reproduction. One leading artist declares that the word "thrice" is his shibboleth. The "th" syllable is very difficult and never loud. The "r" is difficult to pronounce clearly unless it is rolled. As a result the word which reaches the ear in the reproduction unless great care is taken, is the syllable "ice" which of course is not the one desired.

Singers to the talking-machines occasionally tire of their work and at times it must seem monotonous. Over and over again the song must be rendered in order that the demand may be supplied. The relative popularity of the songs may be accurately gauged by the demand for records. As an instance it may be stated that George J. Gaskin, the popular Irish tenor has been singing, besides supplying the regular demand for his large repertoire, such songs as "Break the News to Mother" thirty-six times; "She was Bred in old Kentucky" twenty times; "On the Banks of the Wabash" thirty times and "Sweet Savannah" (Paul Dresser's latest) fifteen times each and every week. Mr. Gaskin declares the last mentioned song is destined to be as popular as any.

Artist Gillam of "Judge" is to be commended on the accuracy of his sketches. Heretofore "any old thing" was used as the model when the artists for comic papers wished to portray the talking-machine in a cartoon. But it was left for Mr. Gillam to include in a recent frontispiece a moderately good sketch of a graphophone. It was so greatly superior to the sketches usually made that ones attention was forcibly attracted by it.

In a following edition, however, Mr. Anderson pretends to portray the taking of a record of a yelling cat on a Gramophone. The making of a record on a Gramophone is not the simple process illustrated in the cartoon, but as the drawing of the Gramophone is most excellent in detail, Mr. Anderson can in a measure be forgiven for his mistake.

New Literature

Peter Bacigalupi, the San Francisco hustler, has opened large parlors at 950-952 Market Street and claims the finest show rooms west of the Rockies. The new catalogue issued by him, the frontispiece of which contains likenesses of the stars of the profession, is truly a novel departure in the method of listing records.

Mr. Norcross has perhaps done more consistent experimenting on band records than any other man. His records secured from the Metropolitan Band are really fine. He intends to put upon the market a cornet and clarinet duet of rare merit. Mr. Norcross's latest catalogue can now be had by addressing him at Broadway and Thirty-seventh Street, New York City.

The Lyric Phonograph Company announce in their new special catalogue dated Nov. 1 that they can now supply church organ records. This is a new departure and should meet with deserved success. Other fine records by the Lyric Trio, Hooley, Simonds, Madeira, Weber, Miss Mann, Havens, etc., are always in stock at the laboratory, No. 114 West 34th Street. This company gives undivided attention to record-making and does not deal in machines.

The board of directors of the American Graphophone Company has reorganized for a year by the re-election of the old officers, as follows: Edward D. Easton, President and General Manager; William E. Bond, Vice-President; William Herbert Smith, Treasurer and Thomas J. Godwin, Secretary. The Board elected at the annual meeting of Stockholders is composed of Messrs. M. E. Lyle, Andrew Devine, F. J. Warburton, Edward D. Easton, R. F. Cromelin, William E. Bond, Philip Mauro and William Herbert Smith. The general offices of the Company are at Nos. 5, 7, 9 and 11 Broadway, New York.

F. M. Prescott, the leading exporter, has issued to the trade a comprehensive catalogue. It is from the press of Madison & Co., Newark, N. J., and the cover, in green and gold, shows fine taste on the part of its designer. Mr. Prescott can furnish gold plated and nickel-plated phonographs on demand in addition to the usual lines. He makes no specialty of the records of any company but can supply those of any artist in the business. No. 44 Broad Street, New York City is his address.

It may be well to add just here that Mr. Prescott issues more catalogues than any other dealer. His new special catalogues include those for new master records, fifty-cent records, Graphophone records, Bettini records, new films at seven dollars, new horn-stand, Polyphone, Gramophone slot-machine and for miscellaneous supplies.

The Universal Company furnishes the records of the famous orchestra of George Rosey. This artist, who has just returned from a trip to Europe, has brought back with him several artistic productions as yet unpublished in this country. A march "Under Victory's Banner," is one of the new ones. Others will be produced which are sure to rival in popularity such of Mr. Rosey's arrangements as the "Handicap" and the "Honeymoon." "Mail us your order or call and take the records off the racks as they are being made, like many of our customers do," seems to be a sufficient assurance that original records are the ones really sold to purchasers. "A Night Off" a march written by Mr. Rosey and played by his orchestra exclusively for the Universal, will be the orchestra hit of the season.

The polyphone circular comes to the editor's desk in truly breezy western style. It could easily be recognized as a Chicago production did it not have on its title page its home address, No. 107 Madison Street, Chicago, U. S. A. Two statements contained in the neat little book (from the press of Booth) are characteristic: "We guarantee the polyphone more than twice as loud and many times more musical than any other talking-machine. We allow you to judge. The moment you hear it you will be convinced. We don't ask you to send us any money. Deposit enough money with your express agent to guarantee express charges and we will ship polyphone for your examination." "The polyphone is the sweetness of many echoes instantly combined." All New Yorkers who have heard

this double wonder are satisfied that Leon F. Douglas has in the polyphone an attachment which all owners of talking-machines will need.

The Edison Phonograph, made in two types and five styles, is minutely described in the new compendium published by the National Phonograph Company of Orange, N. J. One quotation is culled from the introduction to the work.

"In preparing this list, Mr. Edison desires to state that the only machine manufactured by him for recording and reproducing sound is the Edison phonograph, and to explain that none of the instruments offered for sale under similiar names (belonging to the family of "graphs" and "phones" and the several variations of these names) are made by him at his factory."

At least three other catalogues devoted to special features of the business also are published. One more than interesting pamphlet, with artistic transparent cover, is entitled "Phonograph Short Stories."

Slot-Machine War

Terre Haute police are down on slot machines.

A tax of \$2.50 is placed on all slot-machines in Virginia.

Kinetoscope exhibitors in Pennsylvania are liable for a war tax.

Two men have been arrested charged with stealing a slot-machine from the saloon of R. H. McDonald, in South Omaha, Neb.

Mayor Bohaman of Stamford, Conn., likes slot-machines for chewing gum and for weighing, but is a terrible foe to slot machines used for gambling.

The merry click of the slot-machine has been silenced in Dowagiac by the Anti-Saloon league. There were eight of them, and they were coining wealth.

Judge Bill of the Hartford, Conn., police court convicted four men recently who were charged with keeping gambling devices. The judge also ordered the machines destroyed.

Slot-machines are more numerous than ever in Detroit. Justice Whalen has taken a firm stand and proposes to rid the city of such nuisances. His last search warrants, however, were returned to court, because it was claimed that all owners of slot-machines had been warned. The officers made no arrests and no machines were captured.

A Rochester, N. Y., jury recently ruled that a slot-machine is not a gambling device. This verdict was handed down in the case of the people of Rochester, vs. Charles A. Leimgruber.

Mr. Leimgruber was charged with having a slot machine, which was used as a gambling device in his place.

Richmond, Va., will have no more nickel-in-the-slot-machines to contend with, unless they are run so secretly that the officers of the law cannot find them. This vice has been effectually wiped out of existence by the action of Justice Crutchfield, of the Police Court, and he was firmly backed up by Judge Witt of the Hustings Court.

As will be remembered Frank Morrella, an Italian, was arrested and taken before the Police Court some time ago on the charge of running a slot-machine without a license. He was fined \$5.00 and sentenced to serve one day in jail—the minimum penalty.

He secured learned counsel, and appealed to the Husting Court, it being agreed to make a test of his case.

The matter was tried before Judge Witt, there being elaborate argument made on a motion to quash the indictment against Morrella, his counsel claiming that the act of the last Legislature licensing slot-machines, gave him a right to conduct such device.

Commonwealth's Attorney Richardson held that the machine was in the nature of lottery, the same being contrary to a constitutional provision. The jury agreed with him, and affirmed the judgment of the lower court.

Morrella's attorneys asked for time to consider the question of asking an appeal. Subsequently his attorneys announced that no appeal would be taken

New Companies

Continental Phonograph Company

A new company has recently been formed under the laws of the State of New York, under the name of the "Continental Phonograph and Record Company."

The President of the Company is Colonel L. E. Evans who has been connected with the talking-machine interests since 1888. The advertisement of the company will appear in the next issue.

New Machines

It is rumored that a talking machine is being made for use at the Paris Exposition of 1900 which is expected to be of sufficient dimensions to be heard by 10,000 people.

[We have in fact viewed and heard a working model of this really marvelous machine, and at the proper time our readers will be fully informed as to its possibilities and actual results.—Ed.]

New Schemes

The Columbia Phonograph Company tried a novel advertising scheme at the recent St. Louis Exposition with excellent results. Ten thousand small cylinders were given away. Interested visitors were allowed to speak to the machines thereby recording their voices on the cylinders. The records were then neatly packed in a small box upon which the following was printed—"Graphophone Record of the voice of _____ made at the booth of the Columbia Phonograph Company, St. Louis Exposition, 1898."

The Columbia Phonograph Company has a new shaving-machine for their "C" and "P" cylinders. It consists of a "main" casting, mandrel, shaving knife, etc. It is very simple, being operated by hand power instead of electric or spring motor. It is a most practical device as the regulation and speed of the machine is absolutely under the control of the operator at all times.

A very clever advertising device is being put on the market. It consists of a cabinet with an apparatus which displays a number of advertising cards. As the cards are set in motion by a motor inside the cabinet a Phonograph, which is operated by the same motor, reproduces a number of speeches commenting on the various ads simultaneously as the cards move into position and pause a moment for your inspection.

It is proposed to place these machines in every possible place where people congregate; ferry-houses, railroad stations, seaside resorts, etc. The machine is very attractive as it is supplied with a large brass horn, which, as the Phonograph is concealed from view, excites natural curiosity.

Mr. Norcross of the Norcross Phonograph Company is experimenting on a reproducing diaphragm. He proposes, and promises to build a diaphragm that will magnify the vibrations so that the reproduction of the record will be much louder than it would be if an ordinary diaphragm were used.

[Mr. Norcross generally does as he promises, consequently we expect to see him put an excellent reproducer on the market in the near future.—Ed.]

"Fake" Schemes

Every day brings to the surface of the talking-machine art a new schemer with a new fake for the market. The latest one is an alleged mechanism for making soprano records. The promoter of the scheme wishes some one with unlimited means to put the "new idea" onto the market. Controlling interest is not for sale. No one can see the apparatus "till the judgment day." If any one wishes to put \$1,000 into an alleged invention, not even patented, which he cannot even touch or see, he can now find such an opportunity in a field which is already well supplied with records better than those submitted as sample productions of the new, secretly guarded device.

Our Tattler

Samuel Johnson defined music as "the least disagreeable of noises." But he probably never lived next door to a family whose hired girl sang, "On the banks of the Wabash."

Among the recent shipments of phonographs may be noticed one to Havana. Among the records accompanying it were "Star Spangled Banner," "America," and last but not least "What did Dewey do to Them?"

A bumptious citizen strolled down Broadway past Twenty-seventh Street recently and seeing the huge sign on the Columbia building "The Perfected Graphophone" vouchsafed information to his friend to this effect: "grapho-grapha-graphi oh yes, Bill, there's where they make the graphite that they use in lead-pencils." Wise man!

Pirates in this business not only steal ideas but they steal entire records also. In no other business is it so difficult to reap the reward deserved. Inventive genius and hard work should bring fame and wealth but the man who discovered the machine for duplicating records from the original had neither, for his invention was bodily stolen from him.

Dora's a bright girl."

"Yes?"

"Yes. I started to propose to her the other night and she brought out a phonograph and made me repeat the proposal into the machine, and that isn't the worst of it, either."

"No?"

"No. After I got through she politely thanked me and said she was making a collection."

One evening last week my good friend Mr. George J. Gaskin was standing in front of the National Phonograph Company's headquarters gazing up at Mr. Edison's illuminated autograph sign which is so prominent in the evening. George had a far-away look in his eyes. Realizing that the sign was not the object of his thoughts, I asked him what he was thinking about. "Well, old man," said he, "I was just thinking what a great fellow that guy Edison is; if he hadn't invented that machine I'd have been at work now at my trade in Ireland." "What trade, George?" said I. "The carpenter trade" replied the famous Irish tenor. I never suspected George of having learned to wield the carpenter's tools although I knew he was rather handy with the hammer.

A concern in Switzerland manufactures alarm-clocks which contain a phonograph and their apparatus causes the phonograph to say, at six o'clock (for instance,) "Six o'clock—time to get up!" No clock has yet been made, it is believed, which, in some five minutes more, will begin to swear at the reluctant riser, and call him an avalanche of abusive names. Yet this is the logic of the alarm-clock. The existence of the alarm-clock is a curious proof that something is wrong in the mental or moral make-up of the people who use it. Any person who needs an alarm-clock to wake him up at a certain hour is capable of sleeping through all the racket it can make. Generally an alarm-clock in a house wakes up everybody except the person whom it is intended to wake.

One of the members of the pickaninny band in "Down in Dixie" is a very bright but superstitious little chap commonly known to the company as "Snowball." As "Snowball" is as black as the ace of spades, the aptness of the nickname is apparent. It so happened that "Snowball" had occasion to visit the offices of Davis & Keogh, proprietors of "Down in Dixie," the other day. "Snowball" was intensely interested in what was going on around him. He watched the actors, actresses, managers, agents and all kinds of visitors come and go with open-mouthed curiosity. While he was thus deeply engrossed, an attache of the office went behind a curtain in one corner of the room, and after properly attaching the horn, started the mechanism of a large talking-machine. For an instant there was a confused whirring and scraping, after which the talking-machine began playing the "Hobson March," which was composed for "Down in Dixie" by "Dave" Braham. The notes of the march were

particularly loud and it seemed for all the world as if a big brass band had suddenly struck up outside door. "Snowball" surprised every one in the room by leaping to his feet and crying in a startled voice:

"Fo'-f-o-f-o' de lan's sake, where am dat ban?"

"Band? Band? said Mr. Davis: "Why, I don't hear any. Do you, Keogh?"

"Why, no," replied Mr. Keogh.

Just then the tones of the march broke out louder than ever.

"Dar it is!" cried "Snowball."

"You are dreaming," said one of the actors present. "There is no band playing around here."

With a whoop like a Comanche Indian "Snowball" darted from the room. He sped down stairs into Broadway and did not stop until he reached the Star Theatre. There he told his story to Manager Burbridge.

"Go home and go to bed, 'Snowball.' You are asleep and don't know it," cried Manager Burbridge.

"Well, fo' de lan's sake! dat must a bin a sperit ban'. I'll never go into dem offices again so long's I'm in Noo Yawk."

Chimes of Trinity

(SELECTED.)

In a city grand and gay,
Where the mighty throng holds sway,
Stands a church whose spires point toward the sky,
And down in that belfry tower
Of the chimes have tolled the hour:
Many saddened hearts were charmed while passing by.
Many millionaires and ladies fair,
And noble men of state
With outcasts from every land and monarchs grand
and great
All have whiled the hours away,
Away down on old Broadway
As they listened to the chimes of Trinity.

Tolling for the outcasts,
Tolling for the gay;
Tolling for the millionaires,
And friends long passed away;
Oh! my heart is light and gay,
As I stroll down old Broadway
And I listen to the chimes of Trinity.

Many stories have been told,
Of the Christmas bells of old
When the merry chimes rang out for sad and gay;
As the New Year's bells would ring,
Sweetest melodies we'd sing,
For we knew, like time, we all must pass away.
The friends that used to greet us then;
They greet us now no more;
The chimes seem like their voices calling from
that far off shore,
As we while the hours away,
Away down on old Broadway
As we listen to the chimes of Trinity.

Mr. Geo. E. Emerson, Jr., who is connected with the Columbia Phonograph Company, has recently received permission from the Corporation of Trinity Church, New York, to take records of the famous church chimes. There have been a great many "Trinity Chimes" advertised but it is a fact that this is the first and only instance where official permission has been given, thus making it possible to procure for the customers of the Columbia Phonograph Company the bona-fide article. Great preparations have been made to insure good results. Mr. Emerson will be assisted by Mr. August Willi and Mr. Adolph Heiser, employees of the Columbia Phonograph Company.

The Polyphone is on exhibition at No. 36 West 27th Street. It can be attached to all phonographs and graphophones except the "Eagle."

To introduce the new Manhattan soap to the people of Cambridge, Mass., Arthur H. Smith of the Manhattan market has been giving Gramophone concerts in his big store. October first he presented a Gramophone to the person who turned in the largest number of Manhattan soap wrappers. One corner of the great market was arranged for the instrument and the towering piles of white-wrapped soap, and a pretty picture was presented as a charming young lady handed out the bars, tuned up the machine and dilated on the merits of the goods.

Where They Were Exhibited Last Month

War-Graph

Metzerott Hall, Washington, D. C.; First Church of Christ, Plainfield, N. J.; Armory, Passaic, N. J.; Opera House, Poughkeepsie, N. Y.; Nelson Memorial Hall, Kingston, Pa.; Broadway Opera House, Nanticoke, Pa.; Nesbitt Theatre, Wilkesbarre, Pa.; Academy of Music, Newburgh, N. Y.; Yeager Building, Allentown, Pa.; Opera House, Bristol, Conn.

Projectoscope

Central Baptist Church, Adelphia St., Brooklyn, N. Y.; Irvington Hall, East Fifth St., Brooklyn, N. Y.; Cedar Keys, Fla.; Haynes Opera House, Rochester, N. Y.; G. A. R. Hall, Cleveland, O.; Hall, Bath, N. Y.; Trinity Baptist Church, Brooklyn, N. Y.

Biograph

Keith's Theatre, Providence, R. I.; Grand Opera House, St. Louis, Mo.; Bijou Theatre, Washington, D. C.; Wonderland Theatre, Detroit, Mich.; The Leland, Albany, N. Y.; Riesenberger's Hall, West New York; Keith's Theatre, New York City; Waldmann's Theatre, Newark, N. J.; St. Michael's Lyceum, West Hoboken, N. J.; Bon Ton Theatre, Jersey City, N. J.; Theatre, New Orleans, La.; Hopkin's Theatre, Chicago, Ill.; Haymarket, Theatre, Chicago, Ill.; State Street Theatre, Chicago, Ill.; Orpheum Theatre, San Francisco, Cal.; Proctor's Pleasure Palace, New York City; Proctor's Twenty-third Street Theatre, New York City.

Animotoscope

West Baptist Church, Wilkesbarre, Pa.; A. O. A. M. Hall, Wilkesbarre, Pa.; Robbin's Opera House, Shenandoah, Pa.; M. E. Church, Pulteney, N. Y.; Brick Church, Scranton, Pa.

Vitagraph

Association Hall, Summit, N. J.; Town Hall, Poughkeepsie, N. Y.

Projecting Kinetoscope

M. E. Church, Freehold, N. J.; Christian Church, Springfield, Ill.

Cineograph

German Lutheran Church, Bucyrus, O.; School Hall, Dalton, O.

Cinematograph

Musee Theatre, Pittsburg, Pa.; Academy, Chicago, Ill.; Eden Musee, New York City; Huber's Museum, New York City; Teut Meeting, Bartlett, Ill.

Exhibitions.

COLUMBUS, OHIO.—A Graphophone concert was given by A. L. Keever at the meeting of the Retail Grocer's Association, Oct. 19th. The 'Phone as usual made a "hit."

COHOES, N. Y.—Mr. J. P. Graham of Railroad Street, Northside, gave a number of Phonograph parties to his friends last month. The "Phonograph Party" is becoming quite popular here.

ROME, N. Y.—Prof. C. W. Spencer of Utica gave a very creditable Graphophone concert last month at Glenmore Hall. The large audience was greatly pleased with the selections reproduced.

CLEVELAND, OHIO.—Mrs. Herbert W. White of 54 White Avenue, is using her Phonograph to excellent advantage. She is giving exhibitions for charitable purposes. She gave the proceeds of one of her entertainments last month to the Willson Avenue Presbyterian Church.

WURTEMBERG, N. Y.—Mr. Sebort of Yonkers, N. Y., while visiting Mr. L. L. Marquet of this place, entertained the neighborhood each evening with his Phonograph. Mr. Marquet's neighbors pronounce Mr. Sebort's machine as "the real cheese." Although this comment is not strikingly classic it is no doubt a strong recommendation.

HUDSON, N. Y.—A Phonograph entertainment was given at the Mission Hall, corner of Warren and Fourth Streets, last month. In connection with the Phonograph exhibition a concert was given, consisting of vocal, humorous and dramatic selections. Although the human participants rendered their various numbers with skill, it is but fair to say that the mechanical participant, the Phonograph, furnished the really novel and interesting portion of the entertainment.

New Films for "Screen" Machines

The following list of new films has been compiled from lists sent us by the leading foreign and domestic manufacturers * * * * *

OBSERVATION TRAIN FOLLOWING PARADE. There were two freight trains standing on the tracks between the river and the Riverside Park, and they furnished a perfect impromptu observation train service to the men and boys who clambered up on the cars to get a view of the parade. They saw the vessels go up and then waited for their return. As the ships came back the engineer of one of the trains started it for the freight-yards at Thirty-third Street, and a crowd of about 2,000 was carried along, perched up on the roof of the cars.

EXCURSION BOATS, NAVAL PARADE. At many points along the line of the parade, all the rules of river traffic were practically suspended, and the services of the Police boats were very necessary. This picture shows a tug and a ferryboat backing out of the way of the warships.

THE "MASSACHUSETTS," NAVAL PARADE. This is the only battleship of the seven that looks as if she had been fighting, and even so, the damages probably are very slight. She has a dull, faded, dirty appearance—a "respectably" dirty appearance, as some one said. Along her hull, near the water line, are rusty looking patches. A good clear view is afforded, as the yacht with the operator on board was quite near.

CLOSE VIEW OF THE "BROOKLYN," NAVAL PARADE. Here is a picture that presents Schley's flagship at close range, as she steams past on her way back to the anchorage. It is the starboard side of the cruiser. By looking sharply one can see a shot hole on her middle funnel, about a third way up from the deck.

THE "TEXAS," NAVAL PARADE. An excellent view of the trim little "Texas" taken on her way down the Hudson, after the salute. The background is the Riverside Park, at about 98th Street. Church steeple in the distance.

THE "GLEN ISLAND" ACCOMPANYING PARADE. The Mayor of New York City is on this boat with the city officials and their friends, together with the special committees in charge of the local end of the celebration of welcome. She is decked from stem to stern with flags and streamers.

ADMIRAL SAMPSON ON BOARD THE FLAGSHIP. After the run down the Hudson the "New York" lay off Bedloe's Island for a short time, while the Admiral held a reception, before proceeding to the anchorage ground at Staten Island.

STATUE OF LIBERTY. Turning homeward from the farewell to Sampson, one sees the Statue of Liberty, standing on Bedloe's Island in New York harbor. The statue was a gift to the people of the United States by the people of France.

U. S. TROOPS LANDING AT BAIQUIRI, CUBA. These are the first U. S. troops to land on Cuban soil, June 22, 1898. The picture shows a long perspective view of the pier at Baiquiri, the point chosen so strategically for the landing of General Shafter's army. At the end of the wharf are the coal dumps and ore elevators used by the mining company operating the famous iron mines at Juragua, five miles away. On the right of the picture is seen the stern of a huge transport as she rides at anchor, and in the distance, stretching far out to the horizon, are other vessels of the fleet.

ARMY MULES SWIMMING ASHORE AT BAIQUIRI, CUBA. They just tossed the mules overboard and let 'em swim for it. Transport No. 10 lies in the near distance, and is discharging her four-footed passengers in this novel manner. Other transports lie at anchor further out, with tenders and rowboats in attendance. In the foreground two mules are swimming toward the beach. One of them seems to be exhausted, and the men in the row boat are urging it along.

PACKING AMMUNITION ON MULES, CUBA. Dotted the horizon on the right of the picture is the great fleet of transports, while scattered all along the beach and piled high to the left are hundreds upon hundreds of ammunition cases. Soldier boys in the foreground are packing the boxes on the patient army mules. An officer stands by bossing the job. Two boxes are tied on each mule.

PACK MULES WITH AMMUNITION ON THE SANTIAGO TRAIL. The narrow trail shown in the picture leads from Baiquiri westward to Sibony, thence northward to Santiago. It will be seen it is hardly more than a wood-path. At first it was overgrown with brush and shut in close by chaparral, but the passage of thousands of soldiers has broadened it considerably. A great bunch of pack mules swings into vision. The advance scout or guide is evidently a Cuban, and he approaches rapidly, followed by the train. It is a fine sight.

MAJOR GENERAL SHAFTER. This view is taken at the camp at Baiquiri. In the distance under the trees are tents and a camp fire, beyond which stretches the broad expanse of the Caribbean Sea. An officer gallops toward the front, reins in his horse, and wheeling rapidly, stands at attention. Other officers are seen galloping across the camp. A party of officers is seen rapidly approaching. He with the white helmet and broad expanse of shirt bosom is Major General Shafter, commanding the 5th Army Corps. His avirdupois distinguishes him from his subordinates. They gallop forward, taking the trail leading to Santiago. An excellent picture of this capable and brave General.

TROOPS MAKING MILITARY ROAD IN FRONT OF SANTIAGO. Here is a detail of the 34th Michigan Regiment engaged in road making. Under command of Captain Dodd of Troop E, 3d Regular Cavalry, they are road making, that the siege guns may go to the front. The chaparral and thick underbrush has been cleared away, and the soldiers are working with picks and shovels to make the way passable.

New Records for Talking Machines

The following list of new records has been compiled from lists sent us by the leading talking machine companies of the United States * * * * *

At a Georgia Camp Meeting Dan Quinn
Awakening of the Lion, The Rosey's Orchestra
Because "French Maid" Albert Campbell
Bold Dragon, The "Fortune Teller" Mann & Havens
Boy Guessed Right, The "Runaway Girl" Miss Mann
Boy Guessed Right, The "A Runaway Girl" Dan Quinn
Brave Old Oak, The W. F. Hooley
Casey as a Rough Rider Russell Hunting
Catchemaliveograph, The S. Holland Dudley
Cavatina "Huguenots" Miss Lisle
Couldn't Help It—Had To S. Holland Dudley
Charlatan March Rosey's Orchestra
Chase, The Frank C. Stanley
Circus Girl, The (Selection) Rosey's Orchestra
Cujus Animus Stabat Mater Opera Trio
Dear Old Rooster, The Billy Arlington
Dinglebender & Mulcahey In a Museum Simonds & Weber
Dinglebender & Mulcahey German Picnic Simonds & Weber

Don't Let Mother Loose, "Till Papa's Gone" Miss Mann
Dream Song "La Belle Helene" Miss Lisle
Drinking Song "Martha" A. Madeira
Duet "Carmen" Miss Mann & Mr. Madeira
Duet From the "Fortune Teller" Havens & Hooley
Elizabeth's Prayer "Tannhauser" Miss Maun
Emmet's Lullaby Excelsior Quartette
Fire! Descriptive Selection Russell Hunting
Fisherman, The Miss Mann & Mr. Madeira
Fog Bell, The Frank C. Stanley
Follow the Man From Cooks "Runaway Girl" Lyric Trio
Folie Bergere March Rosey's Orchestra
Friend of the Fly, A German Dialect Russell Hunting
From the Depths A. Madeira
Georgia Camp Meeting Frank C. Stanley
Ginger Bread Doll, The "Hotel Topsy Turvy" Miss Mann
Girl With the Naughty Wink S. Holland Dudley
Gondoliers, The (Selection) Rosey's Orchestra
Good-bye Sweet Day Albert Campbell
Gute Nacht Fahr Wohl German J. Weber
He Took It In a Quite Good-Natured Way S. H. Dudley
Honey Cooler March Rosey's Orchestra
How I Love My Lu Rosey's Orchestra
I Am the Seventh Son "Charlatan" Original Lyric Trio
Idiot Boy, The Russell Hunting
Infant Incubator, The "Yankee Doodle Dandy" Miss Mann & Mr. Havens

Inflammatus Stabat Mater Opera Trio
In Sight of the Harbor W. F. Hooley
Isn't It Nice To Be In Love S. Holland Dudley
It Was Not to Be Albert Campbell
Jim Bludso Russell Hunting
La Sczarina (Mazurka Russe) AtLee
Larboard Watch Havens & Hooley
Large Cold Bottle, A "Hurly Burly" Dan Quinn
Let Me Dream Again Rosey's Orchestra
Little Old New York "Hurly Burly" Dan Quinn
Lost Chord, The Rosey's Orchestra
March Trio "Charlatan" Original Lyric Trio
Matrimonial Guards "Charlatan" Miss Mann & Mr. Havens
Micado (Selection) Rosey's Orchestra
Miss Helen Hunt Dan Quinn
Melba Waltz Song Miss Lisle
Moth and the Flame, The Rosey's Orchestra
Mulcahey's Birthday Party Jack Simonds
My Little Pickaninny Original Lyric Trio
My Country 'Tis Of Thee Excelsior Quartette
Negro Funeral Sermon, A Jack Simonds
Negro Wedding In Southern Georgia Excelsior Quartette
Night Off, A (Geo. Rosey) March Rosey's Orchestra
Oh! Fair! Oh! Sweet and Holy W. F. Hooley
Off to the Races March Rosey's Orchestra
Old Uncle Ned Billy Arlington
Only to See Thee Smile Miss Mann
Orange Flowers Blossom "Charlatan" Orig. Lyric Trio
Orange Blossoms Waltz Rosey's Orchestra
Our Jack's Coming Home To-day W. F. Hooley
Poor O'Hoolahan "Yankee Doodle Dandy" Quinn
Poor O'Hoolahan "Yankee Doodle Dandy" Mr. Havens
Poor Mourner Excelsior Quartette Mr. Haven
Rally 'Round the Flag Excelsior Quartette
Riding Through the Glen (Schottische) AtLee
Runaway Girl, The (Selections) Rosey's Orchestra
Sailing W. F. Hooley
Scenes from "Cyrano de Bergerac" Russell Hunting
Scenes from "Uncle Tom's Cabin" Hunting & Spencer
Scrapegrace, The W. F. Hooley
Schnsucht German J. Weber
Sei Nicht Bos German J. Weber
Sextette from "Lucia" Opera Trio
Shadow Song "Dinorah" Miss Lisle
She Was Bred in Old Kentucky Mr. Havens
She Was Bred in Old Kentucky Rosey's Orchestra
Shine on Johnson Rosey's Orchestra
Sly Cigarette "A Runaway Girl" Dan Quinn
Soldiers in the Park "A Runaway Girl" Dan Quinn
Spring Song (Gounod's) Albert Campbell
Sun of My Soul (Sacred) Excelsior Quartette
Sunshine Will Come Again Excelsior Quartette
Sweet Savannah Mr. Havens
Tennessee Jubilee March Rosey's Orchestra
They All Love Jack W. F. Hooley
Thou Art Like Unto a Flower A. Madeira
Tickle the Ear Schottische Rosey's Orchestra
Tramp, Tramp, the Boys are Marching Excelsior Quartette
Twickenham Ferry W. F. Hooley
Voices of the Woods W. F. Hooley
Waltz Songs "Pirates Penzance" Miss Lisle
Want to Be Where Mother Is Riley's Poem Jack Simonds
Way to Kiss a Girl Mr. Havens
What Happened to Jones Waltz Rosey's Orchestra
What's the Matter With Maudie "Yankee Doodle Dandy" Dan Quinn
When We Are Married "Belle of New York" Miss Mann & Mr. Havens
Whistling Minstrel (Caprice) AtLee
Would You if You Could "Yankee Doodle Dandy" Quinn

The Latest Popular Songs

The following is a list of the very latest popular songs published by the leading music publishers of the United States * * * * *

All for the Love of a Girl Chas. K. Harris 4
Arouse, Columbia Arouse Charles Puerner 2
As the Clock Strikes Two W. A. Stanley 8
At a Georgia Camp Meeting Kerry Mills 3
Belle of Blackville Lane, The Irving Jones 9
Blackville Derby Ball, The Irving Jones 4
Boy Without a Sweetheart, A Geo. Cohan 9
Bowery's Not the Same, The Armstrong Brothers 9
By the Banks of the Shannon M. B. Garrett 7
Chappie With the One Glass Eye, The John Stromberg 10
Cinderella Ford & Bratton 1
Cluck, Cluck, Cluck John Stromberg 10
College Chums Forever Andrew Le Roc 5
Coontown Carnival Louis Myll 5
Daisy Dixey's Dan Harold M. Vernon 2
De Pickaninny's Dream Hattie Starr 1
De Sweetest Little Chocolate Drop in Town M. May 3
Everybody Have a Good Time Irving Jones 3
Fortune Teller, The Victor Herbert 1
Get Your Money's Worth Irving Jones 3
Give Him the Moon to Play With Harry Dacre 9
Good Mister Mailman J. E. Howard 2
Hats Off to the Boys Who "Made Love" Ford & Bratton 1
He Don't Know Where He's At Walter P. Keen 9
He Certainly is a Sweet Black Man Irving Jones 3
He Certainly Was Good to Me A. B. Sloane 10
His Wife and Baby Boy Charles Graham 9
Hottest Ever, The Chas. B. Brown 4
Hoodoo Coon, A Hattie Starr 1
How'd you Like to be the Iceman Hef and Moran 9
How a Man Can Die! Wm. Hutchinson 1
I Couldn't do a Thing to You Sterling and Vou Tilzer 3
I Don't Play no Favorites Al Johns 3
I Love My Dolly Best Malcolm Williams 5
I Love Dat Man E. J. Simmes 5
I Love None but Baby and You Nate Jackson 5
I Thought I Heard Some body Calling Me Al Johns 3
I'll Break Up This Jamboree Sidney Perrin 1
I'll Kiss You Good Bye, Soldier Malcolm Douglas 8
I'll Use My Gatling Gun on Him Pluuk Henry 3
I'd Hate to Trust My Future Life With You M. Belle 9
I'm Done Dealing in Coal Eddie James 3
I'm Not Particular Murray and Leigh 9
I'm a Mean Coon When you Rile Me Emma Weston 3
I've Got Him Dead Arthur Dunn 1
If They'd only Fought with Razors in the War I. Jones 3
If I'd only had my Razor in de War Louis A. Lesure 9
If Pictures Could Only Speak H. Von Tilzer 8
Just as the Tide Went Out Barney Fagan 1
Katie O'Neil M. B. Garrett 7
Kill It Kid Nat Lucas 3
Kiss Your Goosie Woosie Bennett Scott 9
Let me Bring my Clothes Back Home Irving Jones 3
Life's Dances A. B. Sloane 10
Li Hung Chang John Stromberg 10
Little Huckleberry Fay Templeton 2
Love Lorn Lobster, The John Stromberg 10
Lookin' For a Little Recreation J. A. Silver 1
Ma Genuine African Blonde Geo. R. Wilson 4
Make Room for Me Barney Fagan 3
Make No Mistake Duffie and Belli 1
Marie Louise Monroe H. Rosenfeld 7
Mary Ellen Simpkins Bike Frank Abbott 2
Melindy Henry S. Haskins 3
Miss Hazel Brown The Larkins 3
Mister Your Room Rent's Due Elmer Bowman 3
Molly Mine John A. O'Keefe 1
My Dear Old Daddy Minnie Belle 1
My Own Sweet Nell O'Neil A. J. Frankland 4
My Sweetest Girl Leander Richardson 2
Old Man's Story, The Harry Castling 7
Perhaps She Is Somebody's Mother Al Trahern 5
Patriotic Maid, The Minnie Belle 9
Paint Me a Picture of the Old Fireside Dennis Mackin 1
Razzer Dance E. L. Bailey 1
Rough Rider's Patrol, The Elmer de Lacy Bennett 8
She Is More To Be Pitied Than Censured W. B. Gray 9
Since Johannah's got that Rag-time in Her Head Grant and Grant 3
Sweet Face of My Mother Robert Recker 1
That Gal Belongs to Me Al Johns 3
Tell Me Who You Love? Howard & Emerson 2
The Lady With the Rag-Time Walk Armstrong Bros 9
The Old Folks Are Longing For You, May Ford & Bratton 1
Tim Reilly Henry F. Blaese 4
Vigina Ma Baby Harry Jonas 2
When I Come Back Walter Hawley 4
When Thou Art Near G. J. Couchous 7
While Uncle Sam Goes Marching Into Cuba Couchous 7
When You Bid Your Mother Good-Bye Al J. Patton 1
When the Mighty Ship Begins to Roll Gussie L. Davis 9
Won't Somebody Give Me a Kiss? 5
Words Cannot Tell Richard Stahl 2
You Aint One, Two, Three Eddie James 3
You've Done Cooked your Goose with Me Eddie James 3
You Don't Handle Nuff Money for Me Irving Jones 4
You May Go, but This Will Bring You Back B. Harney 3
Your Meal Ticket's Done Punched Out E. J. Simmes 5
You Once Was Excess Baggage, Now You're Only Common Freight A. B. Sloane 1
Ze Perfect Lady H. Sylvester Krouse 5

LATE INSTRUMENTAL PUBLICATIONS
Around the Circle (March and Two-step) L. Berliner 5
Cupid's Dream (Waltzes) Warner Crosby 5
Dancing Girl, The (Waltzes) Robert Cone 5
Hampton Roads (Two-step) Leo Berliner 1
Lakewood Society, Waltzes Walter V. Ullner 8
Princess Charming, (Waltzes) Elmer de Lucey Bennett 8
Prince and Princess (Gavotte) Rud Aronson 1
Trolley Party (March) M. B. Garrett 7
Van Courtlandt (March) R. E. Sauce 5
Vampire, The (Two-step March) Warner Crosby 5
Virginian, The (March and Two-Step) Louis Teichman 1

Note.—The publishers are designated as follows: 1 M. Witmark & Sons; 2 T. B. Harms & Co.; 3 F. A. Mills; Chas. K. Harris; 5 Myll Bros.; 6 O. Diston Company; 7 Couchous; 8 Gagel Bros.; 9 W. B. Gray; 10 Wm. Pilling.

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Bischoff's Bobolink	Sleeping, I Dreamed Love
Birds of Spring Yorke	Suwanee River
Cavalleria Rusticana (Intermezzo)	Sweet Bye and Bye
Chirp, Chirp, Polka	Sylvan Reveries (Waltz)
Devil's March (Suppe)	The Mocking Bird (preceded by bird imitation)
Golden Robin Polka	Riding thro' the Glen (Schottische)
Home, Sweet Home	When will the Birds come Back, (Waltz)
Intermezzo Russe (Franke)	Would I Were With Thee
La Szarina (Mazurka Russe)	Whistling Minstrel (Caprice)
Love's Golden Dream is Past (Waltz)	
Lullaby, from Erminie	

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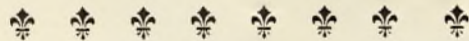
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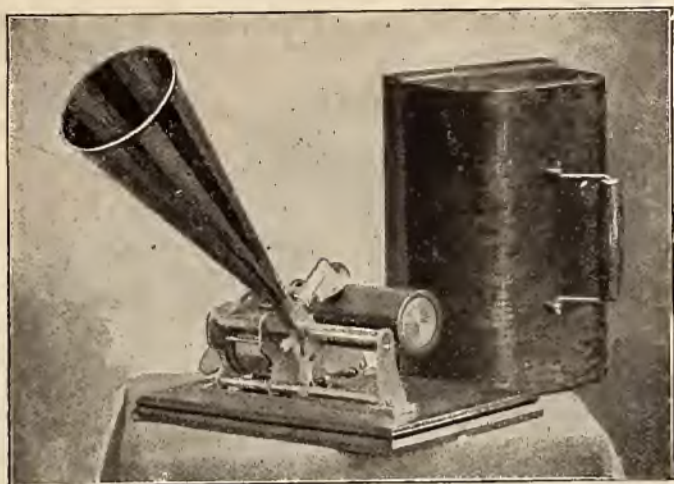
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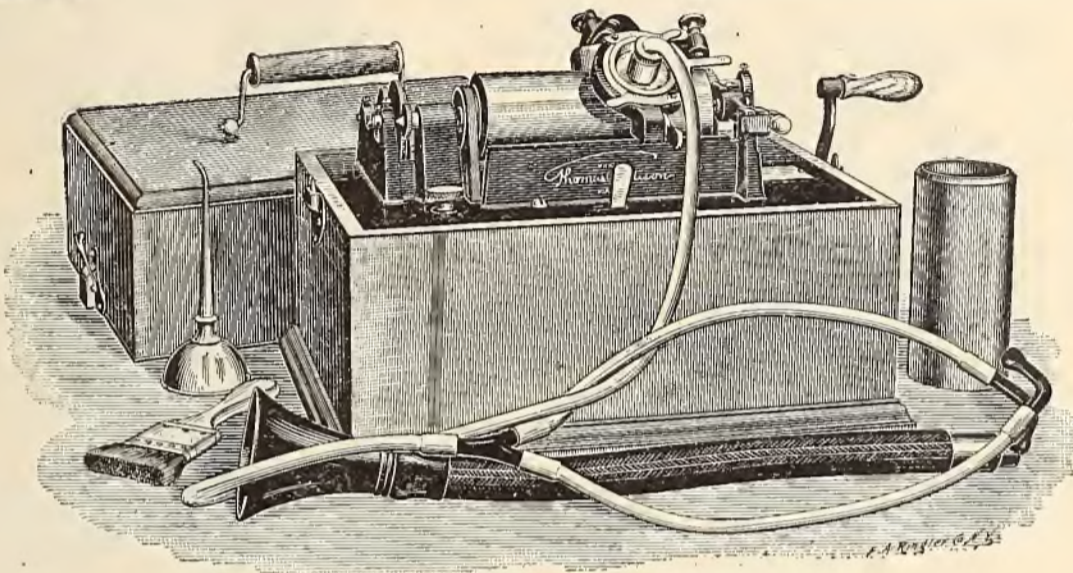
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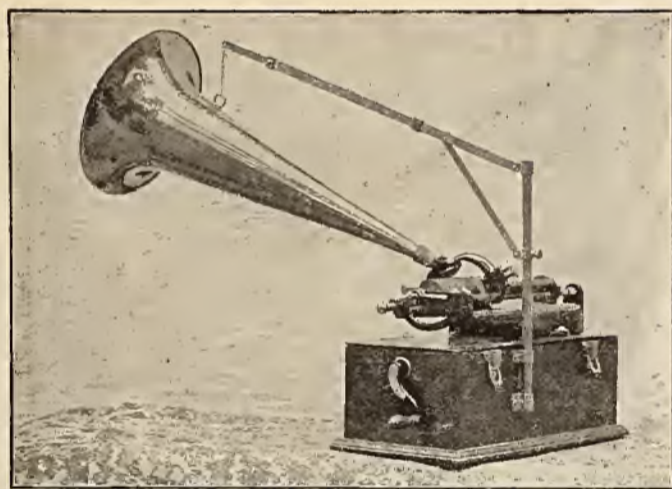
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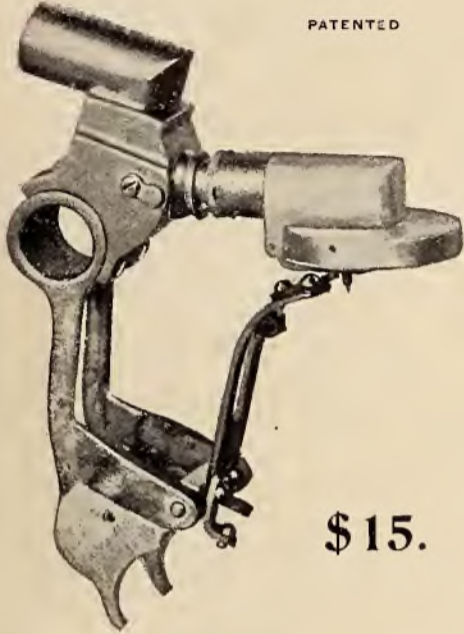
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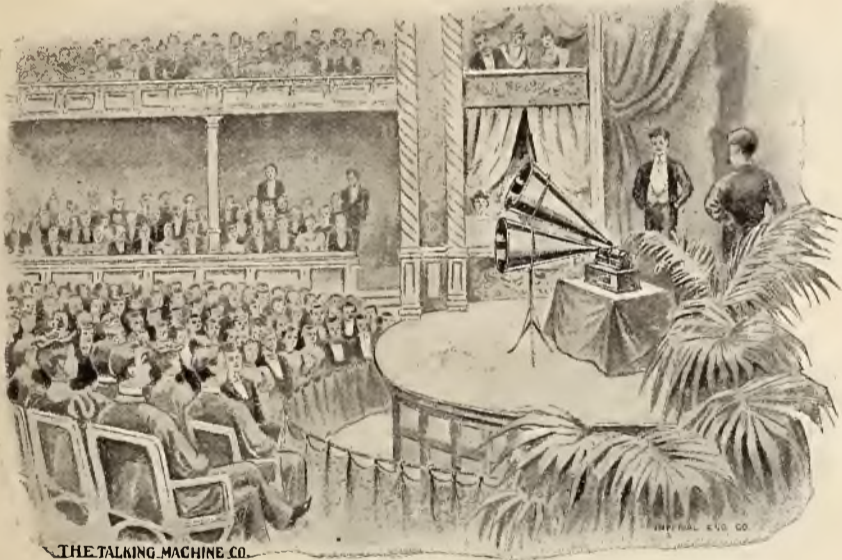
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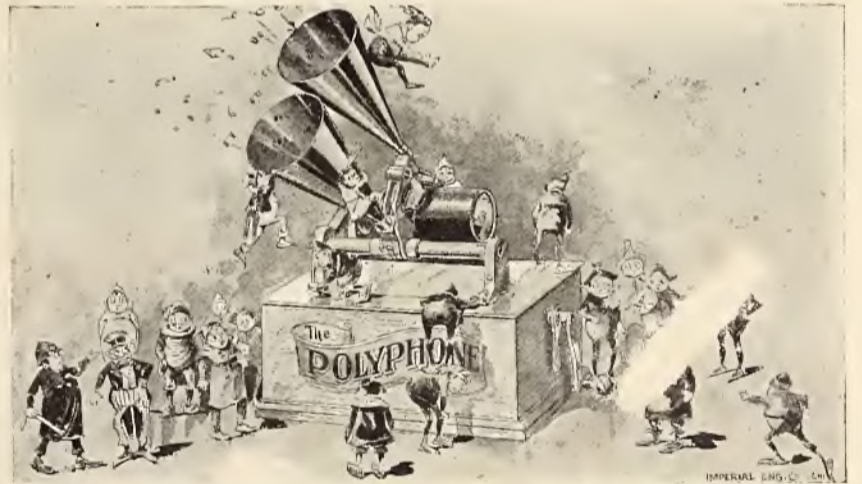
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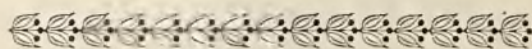
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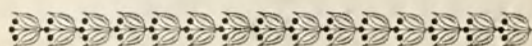
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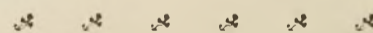
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