



Gates Studio Review

GATES RADIO COMPANY, QUINCY, ILLINOIS, APRIL, 1952

Norbert 'Nibs' Jochem Speaks at NARTB Convention

We here at Gates were quite proud of the fact that our Chief Audio Engineer, "Nibs" Jochem was asked to deliver a paper at the recent NARTB Convention in Chicago.

The subject of his paper was "Mechanical and Electrical Design Consideration in Speech Input Systems of High Fidelity." In this paper Mr. Jochem explained how the advancement in techniques and the expansion of facilities in the broadcast industry had placed ever-increasing demands on speech input systems in general and audio amplifiers in particular.

"Nibs" went ahead to explain how before these demands can be satisfied a sound engineering program must be initiated. This program must be based on a careful analysis of the requirements of the entire broadcast industry. It must reflect not only the highly respected views of the major networks, but must also contain the opinions and suggestions of the many smaller but, nevertheless, important stations. Such an analysis has indicated a demand for small, compact plug-in type audio amplifiers, combining superior electrical characteristics with mechanical ruggedness and operational simplicity.

The fulfillment of these mechanical and electrical requirements creates problems which are not usually encountered in amplifier design. The solution to these problems is evidenced in three new Gates plug-in amplifiers. A study of these amplifiers reveals compact size through the use of miniature tubes and components, electrical superiority through the use of improved circuits and installations, and maintenance ease through plug-in design. These amplifiers fulfill the most exacting requirements of the AM, FM and TV industries.

Also Speaks at Quincy High School

Apparently Nibs' ability as a speaker got around pretty fast, because in the week following the Convention he was asked to speak on "Electrical Engineering" at the Vocational Guidance Day program at Quincy High School. This, of course, had to do with the possibilities in the future of electrical engineering.



NORBERT "Nibs" JOCHEM

Mr. Jochem stressed the importance of weighing all of the factors concerning both the chosen profession itself and the individuals' ability to fulfill the requirements of electrical engineering. Following the formal presentation a brief discussion period was held to answer any questions the graduating class had. Congratulations, Nibs, on your good work in helping to guide these young people.

Gates People Answer The Red Cross Call

On Tuesday afternoon, April 15, 1952, many different people from all departments checked out at 3:45 p. m. and took off to participate in the Red Cross blood donor program for the Armed Forces.

A lot of kidding and razzing was done about who was going to pass out, whether or not they would find blood, water, or ??? when they tapped in, etc. In spite of all this, everybody came through in good shape—including Hank Anderson, who got so wrapped up in his work that he forgot to check out until 4:15 p. m.

They told us that this program is going to be repeated again in three or four months, and we know that many will be all set to do their part again at that time.

Gates Party Held At Turner Hall

(By Les Sieleman, Credit Dept.)

On Saturday night, March 15th, several hundred members of the Gates "family" enjoyed another of those fine Gates parties. This particular party was held at Turner Hall, which affords varied means of entertainment.

Bowling Quite Popular

The bowling lanes seemed to be the busiest spot. It has been a little difficult to get accurate information on this, but we understand that several wives proceeded to show their bowler husbands just how the game should be played. (Maybe Art Myers can give you a little more information about this.) We also heard that P. S. Gates showed the boys how to bowl in a special match game. Since there seems to be a considerable amount of interest in this sport, it is very possible that our Personnel Department will be able to organize our own company league for both men and women by next fall.

The party also brought to light quite a number of pool sharks. It was very easy to see where John Bowers, of Purchasing, spent his boyhood days. There is also a possibility that Kathleen Kahs, Receptionist, and Joan Davis, of Engineering, might become good pool shooters after a few more lessons.

Just as we were attempting to determine who the winners were in the Canasta and bridge games, someone hollered, "Come and Get It!" . . . and we almost got smashed in the rush. The feature item of the "Come and Get It" section was that baked ham with trimmin's, for which Gates parties are noted.

Following the refreshments, dancing was enjoyed, with music provided by a Gates sound system which had been installed by John Haerle, of Engineering, and George Hanawalt, of Inspection.

Other committee members responsible for this fine party were: Bob Flotkoetter, of Traffic; Frank Schnier, of Engineering; and Les Sieleman, of Credit.

If it happened that you were not able to attend this party . . . do your best to be there for the next one!

EDITORIAL

—from the desk of
P. S. Gates.



Much has been written in recent days about Fred O. Grimwood, and as Grim would not like post mortems, there is little point in again touching on the sentimental. Instead, recollections being pleasant memories are most fitting.

One of the stories I like to tell best about Grim happened in the thirties. He had bought a 250 watt transmitter from us for his station in Blytheville, Arkansas, now owned by Harold Sudbury, a very good friend. Grim had trouble making his monthly payments. He was written the usual several letters, with the last one a rather tough "pay or else" affair. The next thing I knew Grim was in my office. He drove all the way from Arkansas in a beat-up car to apologize for his delinquency. He had one payment with him and set forth a schedule of just how he would pay the balance (which he did exactly as promised) and then left with a warm handshake and a huge Grimwood smile. I made up my mind then that some day that guy would be in our company. The last time I shook hands with Grim was just before he lapsed into unconsciousness. His handshake was just as firm, and he had no intentions of slipping away if he could help it.

I like to think of the time Grim and I were in Washington together during the war. We had a lot of fun trying to argue the hotel desk clerk into giving us a room, but we got one. Before leaving we decided to go over and see the Office of War Information. He and I were amazed to be welcomed like the prodigal son. Two hours later we left with a \$300,000.00 order and we didn't even dream of it when going in. We were so happy we both walked back across the large expanse between the OWI office and downtown Washington. It was hot as blazes and neither of us had a dry stitch when arriving at the hotel, but we didn't even notice it.

Grim knew a lot of people and a lot of places. When in Washington one day he suggested we stop at a certain building we were walking by. We went in and we were in the Ford Theatre where Lincoln was shot. I found Grim liked Lincoln, though he was a man of the Southland. He was broadminded like that.

During the war Grim was Chief Engineer. We were dubbed with the job of making a transmitter that had tighter specifications from a test angle than could be met. We all knew they were tough, if not impossible, to meet. I can see Grim yet in the test cage (he nearly filled it) with a Government inspector jammed to the side. They were discussing the situation—the inspector with a worried look, Grim with a smile. The smile usually won.

I could write a book on Fred Grimwood. He was a man that could and did do big things, but the biggest thing he did was to instill confidence. Fred will be an example forever that there is no such word as "can't." He would have taken an order for a submarine, and, by gum, he would have built it, too.

Grim is not gone. The things he has done will last as long as there is radio, and his challenge will always be "give the customer the best in you." He knew that giving the best was doing nothing less than making things the best for him and his fellow workers. Fred was big in stature, but still bigger in his ideals. As a Sales Manager he will be replaced; as an engineer he will be replaced; but as a man—there will only be one Fred O. Grimwood.

A Tribute To and A Pledge From Our Engineers

(By ? ? ? ?)

One of the stories coming from the recent NARTB Convention in Chicago was about the fellow who visited our display booth and said, "Is Wentura here? You know, I called that fellow up one morning at 3 a. m., about transmitter trouble and he sounded as cheerful as if he had just finished a steak dinner. I want to meet the guy."

The time that has been spent by our engineering staff in actual station operation totals up to an impressive number of years. All of this means an understanding and sympathy with the fellow on the other end of the line. It means knowing that ghastly, sickening feeling you can have at three o'clock in the morning when there is something wrong and you can't put your finger on it. On the other hand, you may know what is wrong, but find that you have no spare. All of this happens through one's job and one's duty to keep the station on the air even through the unpredictable fire, flood and storm. It means knowing the reassurance of advice and suggestions.

During the development period of an item an engineer encounters "bugs" and problems. When the item goes into production the engineer gets better acquainted with it from the practical standpoint. Our engineers also add to their knowledge during the time of manufacturing and testing. All of this certainly helps our engineers when some kind of trouble develops after the item is in the hands of the customer.

Quite frequently the engineer shoots trouble by mail or phone, which can mean writing different suggestions and in many cases never hearing any more from it. From this he assumes that the trouble has been located. Since our engineers are ever anxious to learn more, they would appreciate a note as to what the trouble was for consideration of future design.

We, at Gates, pride ourselves with the close personal contact we have with the users of our products, so if in the "wee small hours" you really have a technical problem you may find us "sleepy-eyed and yawning" but, nevertheless, genuinely glad to give whatever assistance is possible.

Madelyn Wade Returns

We are very happy to welcome Madelyn Wade back to the office after she spent several weeks in the hospital and at home recuperating from a recent illness. Since Madelyn is Johnnie Bowers' "left hand girl Friday"—Agnes being his "right hand gal"—he was most enthusiastic about her return. No more days off, Sara Maud!

Fred O. Grimwood Passes Away

With heaviness of heart we announce the death of our Vice President and General Sales Manager, Mr. Fred Grimwood, at 11:56 p. m., April 1, 1952, Blessing Hospital, Quincy, Ill.

Fred's death was rather sudden and came as a shock to his large number of friends. The previous week he had been in Laurel, Mississippi, arranging for inspection and final shipment of military apparatus being manufactured for the Gates Company by a sub-contractor. He was taken ill while returning home Sunday and was taken to the hospital early Sunday afternoon after collapsing in his home following a cerebral hemorrhage.

Grim joined our Company as Chief Engineer in 1942. At that time we were heavily engaged in military production and in February, 1946, he was appointed Sales Manager. The following year he was elected director and Vice President of the Company. Under his guidance and direction as Sales Manager, the sales have expanded steadily and he was, to a large extent, responsible for establishing district branches in Houston, Texas, Washington, D. C., and New York City.

Leader In Electronic Field

Fred's dad told us that he had always been interested in radio work and how he could take us back to the house that they lived in when Fred was a boy and show the wires he had strung from the rafters in the basement. Because of that early training and that intense interest in radio, Fred became a leading figure in the electronic field. Because of this he was responsible for many advancements in peacetime radio and during the war he supervised the manufacture and design of much radio equipment for foreign governments including England, Russia, India and the Netherlands. He was one of the first engineers in the United States to conduct what is known as field measurements of radio broadcasting stations, now recognized as measurement coverage in the broadcasting industry.

There is no way of estimating the wide scope of Fred's influence in the radio field. He did not set himself up as some kind of a model to go by but, instead, he just quietly lived the kind of a life he knew was right from day to day. While we have all suffered a great loss in his death, we should be truly appreciative of the fact that he was spared long enough to help build a strong, lasting organization.

The following paragraph taken from Mr. Gates weekly news letter of

1911 — FRED O. GRIMWOOD — 1952



April 2, 1952, tells the complete and true story about Fred.

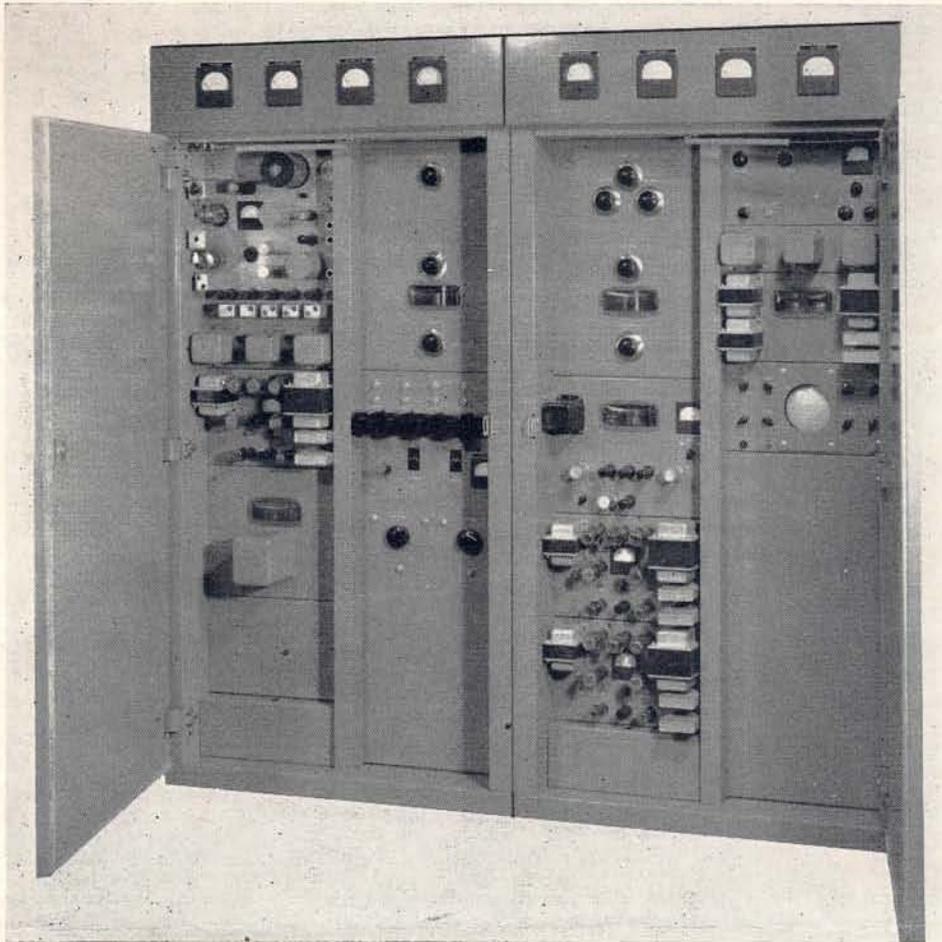
"Many of us feel already that we know at least part of Fred's purpose. To be around him was sort of like Christmas. You got that warm, comfortable feeling. You knew he liked you and you knew you liked him. To be around him was to gather knowledge. Fred Grimwood was a brilliant man. As an engineer he was nationally recognized, but as a student of the art of 'living together' he had no peer. In the nearly two decades I have known Grim, never once have I ever seen him angry. As I think of it, I can never recall anyone being angry at him. He never provided a cause. I recall years ago we had a person in his department that just couldn't do the job. Grim was asked several times what he was going to do about it. His reply was, 'I just can't let the guy go, he's too nice a guy.' All men to Grim were, 'Just too nice a guy.'"

We extend our sincerest sympathy to Mrs. Grimwood and to his Mother and Dad and pray that we, who carry on in his place, will have guidance so that we may follow in his path.

You cannot say, you must not say
That he is dead. He is just away!
With a cheery smile and a wave of
the hand
He has wandered into an unknown
land
And left us dreaming how very fair
It needs must be, since he lingers
there;
So think of him faring on, as dear
In the love of There as the love of
Here,
Think of him still as the same, and
say
He is not dead, he is just away.

—James Whitcomb Riley.

Front View Gates 500 Watt VHF TV Transmitter



The mail bag has been quite full in recent days asking about the Gates position relative to both VHF and UHF television. It appears wise at this time for Gates to explain its position in TV and outline in parts its plans so that broadcasters will no longer have to guess. We, at Gates, of course, are very complimented that so many have written us telling us that they prefer to buy TV from Gates if TV is to come from Gates.

In answer to these questions, it can be definitely said that Gates is in TV up to its neck, and many interesting and unique things will be heard from before long regarding Gates plans in the manufacture of TV transmitting equipment. Already delivered to a prominent western station is a new design VHF TV transmitter, which Gates engineers believe has many features ahead of the field, and of such design that it can be modestly priced in line with the highest quality of manufacture.

TV transmitters up to 5000 watts in the VHF band are either entirely or nearly through design, and first model production and manufacturing in quantity will start as quickly as present defense commitments are relieved sufficiently to allow proper floor space for their manufacture. Included with these transmitters will be a complete line of monitoring equipment, duplexers, radiating equipment, etc. Camera

chains, along with other accessories, will be available along with these transmitters as manufactured by one of the recognized suppliers in the country. As Gates is already considered one of the leading manufacturers of audio control apparatus it goes without saying that the complete audio line will go hand in hand with these new TV transmitters.

VHF transmitter design is running about parallel to that of our good competitors in the respect that higher powered VHF design is very definitely tied around tube developments, which are now going on in one of the leading plants manufacturing transmitting tubes, and with which our engineers have been in close touch by personal visitation and consultation with the tube manufacturers and their engineers.

It is expected that VHF transmitting designs up to 5000 watts in power should be ready for delivery by mid-1953. Though this date may sound somewhat far off, it is pointed out that industry-wide, from a production standpoint, most manufacturers feel that VHF, from the standpoint of available receivers, release of the freeze, and other important contributing factors, will not be ready for actual usage before mid-1953.

Watch further issues of the Gates "Studio Review" for more information on Gates and TV.

WTAD, Quincy, Illinois, Goes 5000 Watts



With Mayor George Meyer of Quincy, Illinois, pushing the button at high noon, and surrounded by other local merchants and industrialists, WTAD, pioneer radio station of the Midwest, established over twenty-five years ago, increased power to 5000 watts. The station is equipped with a Gates BC-5B 5000 watt transmitter. Walter Rothschild is the general manager of Lee Broadcasting, Inc., in Quincy, and Urlin Whitman is Chief Engineer. WTAD, previously operating on 1000 watts, utilized a Gates BC-1E 1000 watt transmitter.

Gates Honored by Visit of Director of Engineering For Radio Pakistan

During the week of March 17th we, here at Gates, were quite honored to have Basheer Ahmad, Deputy Director of Engineering for Radio Pakistan, visit us. His stop at Quincy was one of many made on his tour of Europe and the United States to study radio industries of other countries. Of course, one purpose of his trip to Quincy was to inspect our equipment which will be used by Radio Pakistan.

The Pakistan Government had already purchased three of our 10KW short-wave broadcast transmitters. At that time one had already been shipped, and since then the other two have followed. It will be Ahmad's job to supervise their installation.

Ahmad told us a great deal about his country, and about their radio facilities, and he stated that Pakistan now has only five radio stations—one for each of its provinces. As each province has its own language, each station broadcasts in the particular language for that province. In addition to these five different languages he explained that Pakistan also has its national language, Urdu, but he also went ahead to say that the official language used in Government affairs is English.

At the present time Pakistan is hoping to expand the number of its stations for better coverage. Ahmad explained that their type of programming is comparable to ours in the United States because the broadcasts offer news, public service features, and entertainment. Since Pakistan is an agricultural country, about 15% of its broadcasts is devoted to this interest.

Programs to Pakistani living abroad, and to almost all Moslem countries, are beamed from powerful 50KW short-wave transmitters at Karachi. These programs are in the various languages of the listeners and about eight or ten foreign languages are used in these programs.

Ahmad's trip from Karachi, Pakistan's capital, began last October. He spent two months in Europe, where he visited Switzerland, Holland and England, and arrived in this country in December. In New York City Ahmad attended the annual meeting of the Institute of Radio Engineers. After leaving Quincy he went to Chicago to attend the annual convention of the NARTB. From there he went to New York and then on to Pakistan.

We are all quite proud of the fact that Ahmad chose Quincy as one of his stops, and we are happy to play a part in the furthering of the radio industry in foreign countries.



Basheer Ahmad, Deputy Director of Engineering for Radio Pakistan, inspects one of the large 10-kilowatt short-wave broadcast transmitters manufactured by Gates Radio Company which his government has purchased. Looking on is Francis Wentura, our Chief Engineer.

P. S. Gates Instrumental in Keeping Organized Baseball In Quincy

The fact that Quincy will continue to be represented in the Three-I League this 1952 season is due largely to our own Prexy, P. S. Gates.

Twice during the past sixteen months Park has come to the rescue of baseball fans in Quincy. In January, 1951, the owners of the Quincy Gems announced that due to heavy losses incurred in the two previous seasons they would not operate the team in 1951 unless sufficient tickets were purchased in advance to insure against another possible staggering loss. "P. S." was named chairman of the Citizens Baseball Committee, and when the smoke all cleared away over \$40,000.00 worth of baseball tickets had been sold for the 1951

season. This amounted to about 55,000 admission tickets . . . and that is a sizable amount for a minor league club.

Despite this record advance sale, the 1951 season still brought another loss to the six owners of the Quincy Gems and it was apparent that a different type of organization was necessary if Quincy were to keep its professional baseball. Once again Park rose to the occasion and spearheaded a drive that raised \$25,000.00 working capital from almost two hundred individuals and firms. The Quincy Baseball Club, a non-profit corporation, was formed and, very fittingly, Mr. Gates was elected Vice-President of this new organization.

There could be some arguments among baseball fans as to who is the Number One fan in Quincy . . . but according to Mr. Herman Krattenmaker, General Manager of the Gems,

there is no argument when it comes to the question, "Who is more responsible than any other one person for Quincy's still having organized professional baseball?" . . . Yes, it's "P. S. G." We are all mighty proud of the fact that our own president has been so instrumental in keeping this worthwhile community project alive.

New Additions to the "Gates Family"

We want to take this opportunity to welcome our newest arrivals:

Susan Frese, daughter of Mr. and Mrs. Charles "Barney" Frese, born March 10th.

Steven Haley, son of Mr. and Mrs. Harry Haley, born February 23rd.

From all reports, the fathers pulled through in good shape.

Growth Requires Added Personnel



KELL TODD

A recent addition to our executive plant staff is Kell Todd. Effective March 10, "Kell," as he is already known, assumed the position of plant manager. To satisfy the heavy demand for Gates products the addition of a topnotch man was a foregone conclusion.

Kell, whose know-how and personality have already impressed us, is a native of Clarksville, Missouri, where he spent his youth and received his education. Mrs. Todd and four children make up his family.

Kell attended Washington University in St. Louis, Missouri. His vast experience in all phases of plant management extends over 25 years. In addition, he has also attended several schools on various phases of plant management. His addition to our organization will result in more and better products for Gates customers,



ROGER VEACH

and a more efficient, better place to work for Gates people.

Another fellow joining up with Gates is Roger Veach. Rog, whom we have known for many years, is a native of nearby Bowen. He spent his early life there, as well as receiving his education in that school system. He completed his education at Culver-Stockton, and the University of Illinois. Most of his business training was obtained in the personnel department of a well known, good-sized Quincy firm.

Rog's family consists of his better half, Emily, and two children. Rog is heading our Personnel and Public Relations Department. His pleasing personality, friendly and likable way, and sincere interest in people are going to reflect in happier Gates workers.

Welcome . . . Kell and Rog . . . to the Gates organization.

KFXD, Nampa, Idaho, Increases Power

Radio Station KFXD, which sits halfway between Nampa and Boise, Idaho, and is one of the pioneer stations of the Northwest, increased power on March 24 to 5KW day and night. The station employs a four-tower directional antenna beaming a heavy signal over the Nampa-Boise area. KFXD is headed by Edward Hurt, who himself is somewhat of a pioneer in the radio broadcasting industry, having been with KFXD since its inception over twenty years ago. A Gates BC-5B 5000-watt transmitter, with Gates directional phasing equipment, comprised the transmitting part of the power increase.

Dorothy Sloan Improving Rapidly

Miss Dorothy Sloan, Mr. Gates secretary, has returned to her home from Blessing hospital, following an appendicitis operation on March 18.

She is feeling better day by day and will soon be back with us again.

Ernestine Powley



The reason for the broad smile in the above picture is that Ernestine had just been presented with this beautiful lamp from her co-workers. This was because of her marriage to Wallace Powley on Saturday night, March 22nd, at 8:30 p. m. Rev. L. C. Mauck officiated at the ceremony in his home at 630 Oak Street.

"Ernie" can be found at the Stock Control Department in the stockroom, and just a short time ago she celebrated her first year anniversary with Gates.

All of us at Gates wish to extend our best wishes to Ernestine and Wally.

Magazine Racks Installed for Noontime Pleasure

During the past few weeks four magazine racks have been installed at different locations, and, so far, considerable interest has been shown in them.

Many people find they have considerable spare time at recess or during the noon hour, and have made good use of these magazines.

When the subscription list was made out it was done with the idea of having something that would interest most everyone, and for that reason approximately twenty different magazines were ordered. You can see from the picture that there is quite a variety. However, it may be that some of them will prove to be of no interest, and that others should be added. Any suggestions that anyone has will be welcomed.



Emma Phillips, Virlee Thyson and Gail Moore were among the first to look over our new magazines.

New Revised Group Insurance Plan In Effect

On March 16 at 12:01 a. m. our improved group insurance plan became effective. For some time it has been felt that our old plan was not adequate, and after a considerable amount of work and checking, and with hearty approval from Gates personnel, the company was very happy to approve this revised plan. This was done in consideration of the fact that all hospitals had increased their charges, and miscellaneous expenses in connection with sickness, hospitalization, drugs, etc., had increased. The idea behind this improved plan was to help everyone meet the unknown expenses caused by various unexpected sicknesses, operations, etc. Furthermore, the company was anxious to pay a larger portion of the premium for added pro-

tection to Gates workers and their families.

A few of the many improved benefits were an increase from \$7.00 to \$9.00 per day for hospital room for an employee, and from \$5.00 to \$7.00 per day for a dependent.

Maximum benefit for therapeutic charges was also increased from \$75.00 for dependents and \$100.00 for employees, to \$350.00 for each. Maximum benefits for maternity and surgical cases were also increased considerably.

A new item of hospital accumulated daily medical expense, allowing \$3.00 per day for a maximum of 31 days, was also added.

It is very fine that our company is interested in improving these plans, and we feel sure that as the times continue to change we will see other changes and improvements in the the years to come.

Now . . . Alma Ritter



In February, Mr. Petzoldt's competent secretary, Alma Hunt, left Gates Radio to be married to Howard Ritter of Wentzville, Mo. They were married in the First Methodist Church at Hannibal on Sunday, February 24, 1952, at 3 p. m.

Alma looked lovely in an ankle length wedding gown of white net over white satin with the veil bordered in lace matching the bodice of the gown. Our bride was a tiny wee bit nervous, but who wouldn't be!

The reception was held in the parlors of the church and Howard did a fine job of helping Alma cut the wedding cake.

They spent their honeymoon in Kansas City, Mo., and from all reports had a fine time.

Alma is now anticipating joining Howard in Fairbanks, Alaska, as soon as he has located an apartment for them. Until then she has returned to Gates as substitute secretary for Mr. Gates while Miss Sloan is on sick leave.

Ronnie Gaskill Pays Us a Visit

Ronnie Gaskill is another G. I. who never fails to pay us a visit whenever he's in town on furlough. Ronnie was employed in the Sheet Metal shop from early October until late December of 1950 and although he was with us this comparatively short time his pleasant personality and ready grin won for him a great many friends. He was a good worker, too—Ronnie left a reputation of dependability when he entered the service.

Ronnie is now stationed at Westover Air Force Base, Massachusetts, and acts as a flight clerk for the 1600 Air Traffic Squadron. In little more than a year of service his assignments have taken him literally around the world—he has seen Korea, Hawaii, Greenland, Britain, France, Germany, Portugal and Spain—to mention but a few. Ronnie likes his assignment, thinks the Air Corps life is "swell" and is appreciative of the opportunities for travel and education that his military career has thus far afforded him.

For those who care to drop him a line, his address is as follows: Pfc. Ronnie M. Gaskill, Jr., A. F. 16350613, 1600 Air Traffic Squadron, Box 199, Westover Air Force Base, Mass.

SYMPATHY

We extend our sincere sympathy to Mr. and Mrs. Joe Havermale on the death of their infant son, to Mr. and Mrs. Jim Havermale on the death of their son, to Mr. L. H. Sieleman on the death of his uncle, to Mr. Carl Holtman on the death of his mother, and to Mr. Harry Bostick on the death of his wife.

In New Home



The Lymann Ennie family is pleasantly located in their new home at 714 Cherry. Lyman can usually be found operating the punch press in the Sheet Metal Department, and Mrs. Ennis spends part of her time over at the Quincy Herald-Whig. Of course, the main member of this family is their little 3-year-old daughter, Paula Kay. Lyman has not been with our company too long, and we want to welcome all of them to the expanding Gates family.

Get Acquainted With Your New Co-Workers

Since January 1st, several additions have been made in the various departments. Time and space would not permit our getting pictures of each one for this issue, but we want to tell you who they are and where they are located:

- Harold H. Bockhaus, Welding.
- Siegfried Jucknies, Radio Assembly.
- Laurence Denison, Shipping.
- Truman Wemhaner, Stock.
- Frank Brown, Sheet Metal.
- Neal Harvey, Office.
- Bert H. Johnson, Paint.
- Marcus H. Groh, Sheet Metal.
- Eloise Mattoon, Office.
- Kathleen Kahs, Office.
- Helen L. Metzger, Radio Assembly.
- Chris L. Fuller, Sr., Shipping.
- Clarence Moritz, Radio Assembly.

M. I. T. Plugs Gates BC-1F Kilowatt

Many Gates engineers are wondering exactly to what use the Massachusetts Institute of Technology, world-renowned technical institution, will put the Gates BC-1F air-conditioned 1000-watt broadcast transmitter which they purchased recently. One thing is very definitely known, and that is it will not be used for broadcasting service. But as its use is cloaked with much secrecy, Gates engineers will probably be left wondering.

Gates Display Booth at Chicago NARTB Convention



By Francis W. Wentura
Chief Engineer

Again the Gates Radio Company exhibited at the National Association of Radio and Television Broadcasters Convention, which was held at the Conrad Hilton Hotel in Chicago. This convention was in progress from Sunday, March 30th, through Wednesday, April 2nd. The large space used by Gates in the exhibition hall displayed to good advantage the new Audio line of equipment, some units of which were in actual operation and could be tested and checked on the spot. The FMR250, a 250 watt FM Transmitter designed especially for program relay service in the frequency range of 150 to 200 mc, was shown to many interested visitors and drew complimentary comments. The BC1F, our 1 KW AM Transmitter, was again shown, as was the GY48 Combination of 250 watt AM unit with its associated cabinet and rack assembly. A special Audio Display using SA-110 Preset Units and two 52-CS Studioettes held a prominent position in the display. These components had the relays of the pre-set feature connected and it was possible to demonstrate the working of the setup to interested station owners and engineers.

Also on display were remote units such as the SA-134 Amplifier, the SA-136 Remote Amplifier, CB65 Dynamote, Gates Proof of Performance package, and other small equipment. An exhibit of this size requires a

considerable amount of time and effort to set up. The good work done by Stan Whitman, Ken Neubrecht, and Bob Ware of the Sales Department and Wally Kabrick and Norbert Jochem of Engineering both in setting up and then manning the exhibit during the days of the convention cannot pass unnoticed. Other members of Engineering to attend the meeting for a short time were Hal Krueger and Howard Young.

Of special interest to many was the fine paper that Norbert Jochem gave before the Engineering group. This paper covered thoroughly the engineering that went into the new line of Gates Plug-In Amplifiers. During the show, much interest was displayed

in our products—especially the new Plug-In line. This interest was intensified, no doubt, by the above mentioned paper presented by Nibs. Many broadcasters visited the exhibit and talked over their problems, both present and future.

The last two days of the convention were carried on under a heavy cloud of sorrow for the Gates representatives, due to the untimely passing of our Vice-President and Sales Manager, Mr. Fred Grimwood.

The next NARTB Convention is scheduled to be held in Los Angeles next year, and once again Gates Radio Company will be on hand to show our products to the Broadcasting and Television industry.

Quality PLUS⁺⁺ makes GATES a MUST



GATES RADIO COMPANY
Quincy, Illinois, U. S. A.

Sec. 34.66, PL&R
U. S. Postage
PAID
Quincy, Illinois
PERMIT No. 122

RETURN POSTAGE
GUARANTEED