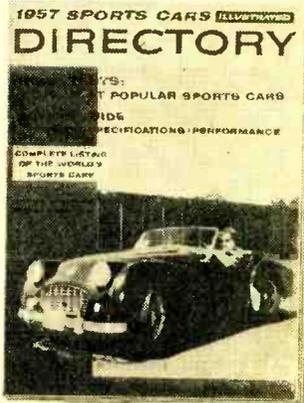


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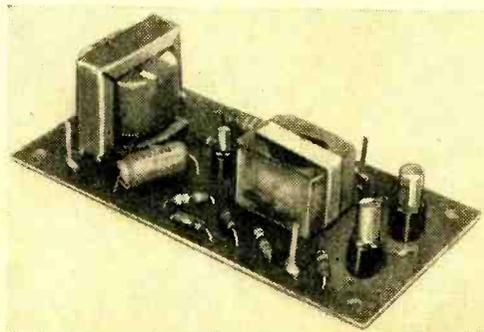
rose Ave., Toronto 12, Ontario, reports an unusual case of DX reception with a receiver he assembled from a circuit published some time ago in *Transistor Topics*—he picked up Moscow, Russia. Distance: about 5000 miles.

Product News. Lafayette Radio (165-08 Liberty Ave., Jamaica 33, N. Y.) has introduced a new universal output transformer for power transistors. A tapped primary provides impedances of 8, 12, 16, 24, 32, or 48 ohms, allowing a good match to practically any power transistor, whether connected for single-ended Class A or Class B push-pull operation. Secondary impedances of 4, 8, or 16 ohms are available. The unit will handle unbalanced d.c. primary currents up to 500 ma. (*1/2 ampere!*). Type number is TR-94. Net price, \$3.75 each, plus postage.

Both G.E. and Philco have announced *price cuts* in several of their industrial and military transistors. The biggest cut is a 68% drop in the cost of G.E.'s 4JD1B4 transistor. As time goes on, we can expect even more "miniaturization" of prices.

RCA (Semiconductor Division, Somerville, N. J.) has introduced quite a number of new transistors, including eight new *p-n-p* junction types intended for compact entertainment receivers (2N407, 2N408, 2N409, 2N410, 2N411, 2N412, 2N405 and 2N406) . . . a new medium-speed switching transistor (2N404) . . . and three high-frequency r.f. transistors for all-wave battery portable receivers (2N370 as an r.f. amplifier, 2N371 for the local oscillator, and 2N372 as a mixer).

Burstein-Applebee Co. (1012 McGee St., Kansas City, Mo.) is offering a *pre-wired* three-transistor audio amplifier. Designed originally for use as a phonograph amplifier, the unit should have many general-purpose applications in the home or shop. The circuit appears similar to that employed in Philco's portable transistorized phonograph, introduced some time back. You'll find a description of this circuit, plus a schematic and parts values, in the Octo-



Burstein-Applebee's transistorized audio amplifier.

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