



New Type Telephone Booth

A radically new type of telephone booth was recently tested for customer reaction in Boston's South Station. Unlike the usual booth, it contains no telephone instrument. A small white-handled key and a volume control are the only controls, and the customer can telephone without holding an instrument.

An instruction card tells the story: to initiate a call, raise the white key and release; to end the call, depress the white key and release. The volume may be adjusted to the desired level at any time. The customer may rest bundles or a purse on the usual convenient shelf, but does not have to hold an instrument; a speaker and microphone, recessed into the wall of the booth, may be seen just behind the young lady's head.

Developed by the Laboratories, the booth was previously tested for performance at Walter Reed Hospital in Washington, D.C. At present, such trial installations can only be made where an attendant is on duty, since there is no coin box or dial in the booth.

Field Engineering Changes

J. H. Miller, who has been Laboratories Field Engineer in Denver since the establishment of the office there in August, 1948, has transferred to the Mountain States Telephone and Telegraph Company to accept the position of Equipment Maintenance Engineer. J. H. Corp, recently transferred to the Laboratories from the Michigan Bell Telephone Company, has replaced Mr. Miller as Field Engineer in Denver.

Papers Published by Members of the Laboratories

Following is a list of the authors, titles, and place of publication of recent papers published by members of the Laboratories:

Barstow, J. M., and H. N. Christopher, The Measurement of Random Monochrome Video Interference, *A.I.E.E., Commun. and Electronics*, pp. 735-741, Jan., 1954.

Bashkow, T. R., Stability Analysis of a Basic Transistor Switching Circuit, *Proc. National Electronics Conference*, 9, p. 748, Feb. 15, 1954.

Blecher, F. H., Automatic Gain Control of Junction Transistor Amplifiers, *Proc. National Electronics Conference*, 9, p. 731, Feb. 15, 1954.

Coy, J. A., Heat Dissipation from Toll Transmission Equipment, *A.I.E.E., Commun. and Electronics*, pp. 762-768, Jan., 1954.

Case, R. L., and Iden Kerney, Program Transmission Over Type N Carrier Telephone, *A.I.E.E., Commun. and Electronics*, pp. 791-795, Jan., 1954.

Christopher, H. N., see J. M. Barstow.

Fracassi, R. D., and H. Kahl, Type ON Carrier Telephone, *A.I.E.E., Commun. and Electronics*, pp. 713-721, Jan., 1954.

Hanson, A. N., Automatic Testing of Wired Relay Circuits, *A.I.E.E., Commun. and Electronics*, pp. 805-857, Jan. 1954.

Kahl, H., see R. D. Fracassi.

Kerney, Iden, see R. L. Case.

Kretzmer, E. R., An Amplitude-Stabilized Transistor Oscillator, *Proc. National Electronics Conference*, p. 756, Feb. 15, 1954.

Linville, J. G., A New RC Filter Employing Active Elements, *Proc. National Electronics Conference*, 9, p. 342, Feb. 15, 1954.

Mahoney, J. J., see E. H. Perkins.

Morin, F. J., Lattice Scattering Mobility in Germanium, *Phys. Rev.*, 93, pp. 62-63, Jan. 1, 1954.

Pennell, E. S., A Temperature Controlled Ultrasonic Solid Delay Line, *Proc. National Electronics Conference*, 9, p. 255, Feb. 15, 1954.

Perkins, E. H., and J. J. Mahoney, Type-N Carrier Telephone Deviation Regulator, *A.I.E.E., Commun. and Electronics*, pp. 757-762, Jan., 1954.

Remeika, J. P., Method for Growing Barium Titanate Single Crystals, *Am. Chem. Soc., J.*, 76, pp. 940-941, Feb. 5, 1954.

Shockley, W., Some Predicted Effects of Temperature Gradient on Diffusion in Crystals, *Letter to the Editor Phys. Rev.*, 93, pp. 345-346, Jan. 15, 1954.

Walker, L. R., Dispersion Formula for Plasma Waves, *Letter to the Editor, J. Applied Phys.*, 25, pp. 131-132, Jan., 1954.