

**FINANCIAL NEWS**

**Moorhead Co. Closes Contract With Marconi, G. E. and Am. T. & T.**

Moorhead Laboratories of San Francisco, which operates the largest factory in the world devoted exclusively to the manufacture of vacuum tubes, closed a most important contract with the Radio Corporation of American (Marconi), the General Electric Company and the American Telephone & Telegraph Company, granting a patent license under the Fleming valve and DeForest audion patents.

**Federal Wireless Bonds Are Sold**

More than \$300,000 worth of the Federal Telegraph Company's first mortgage 8 per cent serial gold notes, of which \$500,000 worth were placed on the market, have already been sold, according to Girvin & Miller, Pacific Coast bond firm, who is handling the issue in Los Angeles. These notes will be secured by an absolute first closed mortgage on all of the property of the company now owned and hereafter acquired, consisting of wireless stations in San Francisco, Portland, Los Angeles and San Diego, together with a factory at Palo Alto, which manufactures the wireless equipment.

**Unlisted Securities**

	Bid	Asked
Moorhead Laboratories.....	\$0.24	\$0.25
National Radio .....	.19	.20
Poulsen .....	2.00	2.50

**San Francisco Stocks**

Federal Telegraph Co., Feb. 4.....	\$6.00
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**Your Dealer's Salesman Will Show You—  
"BALDY" Phones**

Ask him to open up one unit.

You'll see the equivalent of a phonograph reproducer in conjunction with the famous Baldwin balanced armature movement. You'll see why it costs more to build one "Baldy" unit than a complete headset of ordinary design.

You'll see why a pair of Baldwins often equal one and two stages of amplification—why you cannot afford to be without them.

Type C, \$16.50 (1-unit, \$8.50); Improved Type E, \$20.00 (1-unit, \$10.00); Type F, \$21.00.

Baldwin headbands fit most types of phones, \$1.75.

Described fully in booklet R1.

**Eldredge Meters**

They are actually *hand-calibrated* to absolute accuracy—yet, are low priced.

All ranges in flush type finished in highly polished nickel. They match one another and are the neatest and most accurate miniature meters made.

Hot wire type 0-600 M. A., 0-1, 0-3, 0-5 amps., \$7.00.

D. C. and A. C. meters in many ranges as shown in booklet R3.

**Brownlie Adjustable Phones**

If you can't afford a pair of Baldwins this season, we recommend Brownlies.

Ask the salesman to remove one ear cap.

You'll see, among other things, the 8 supporting springs, the 1000 ohm solenoid under the exact center of the diaphragm.

One professional operator says about his Brownlies:

"I find it possible to cut out interfering stations by making a slight adjustment. I was anchored at Paagamene, Caledonia, and copied Balboa time sigs—approximately 7000 miles—on one audion."

"Letter on file."

Brownlies are sensitive, light in weight and rugged.

Price complete with Baldwin Headband, \$12.50. Loud speaker unit with cord, \$6.00.

Described fully in booklet R2.

If your dealer cannot supply you, write direct, giving his name and address. We will gladly supply you with literature and tell you where you can see the entire line.

**JOHN FIRTH & CO., Inc.**

18 Broadway - - New York

*Sole distributors of*

Eldredge Measuring Instruments.

Kolster Decremeter.

U. S. Bureau of Standards Wavemeter.

Navy Standard Leyden Jars.

Brownlie Adjustable Telephones.



**"CHELSEA" BAKELITE DIAL No. 1**

The Chelsea dials are made of genuine bakelite, beautifully finished, and bear a 100 division semi-circular scale. This scale is of white characters and so constructed as to be both deep-set and sharply defined. These divisions and characters are permanent and will neither wear off nor fall out.

The dial is 3 1/4 inches in diameter, 1/4 inch thick, with a long, sloping, easily read marking. The knob also is of bakelite, 1 1/4 inches in diameter, with a fine, straight knurled edge, which greatly aids the making of fine adjustments. These two parts are permanently fastened together by a long brass bushing which also serves to carry the set screw for attaching to the instrument shaft, and, more important, to give perfect alignment in use. Chelsea bakelite dials run true, and will not warp.

Dials only, without knob and bushing, are furnished with our well known elongated hole, and may be placed upon any of our unmounted condensers now in service.

The complete dial and knob is made to fit either 3/16 inch or 1/4 inch shaft. Specify size when ordering, otherwise the 1/4 inch hole will be furnished.

Panel equipped with our circular dials are both easier to operate and more attractive.

Chelsea dials are beautiful in appearance, low in price, accurate and durable in service, unexcelled by any, at any price.

Dial only ..... \$0.75

Dial and knob complete..... 1.00

Purchase from your dealer.

Bulletin sent upon request.

**CHELSEA RADIO COMPANY**

13 Fifth Street Chelsea, Mass.

Manufacturers of Radio Apparatus.

Moulders of "Bakelite."

**Firth Wireless Products**