

*E. J. Cunningham*

announces

# THE IDEAL AMATEUR TUBE

in this new

## AUDION DETECTOR Type C-300

WITH STANDARD FOUR PRONG BASE



Insist on type C-300

**\$500**

Cunningham tubes are covered by patents dated 11-7-05, 1-15-07, 2-18-08, and others issued and pending. Licensed only for amateur or experimental uses in radio communication. Any other use will be an infringement.

**DEALERS—JOBBERs**  
You will be interested in my proposition on the new tube with the standard four prong base, packed in attractive individual cartons. **DELIVERIES FOR 60 DAYS NECESSARILY IN ROTATION.** Write today for full details.

**T**YPE C 300 possesses combination properties—it functions as a highly sensitive spark detector, an Audio-Frequency Amplifier, an Oscillator for regenerative amplification and C W reception, a radiophone detector and amplifier—with the added advantages of low B Battery (18-22½ volts) ease and permanency of adjustment, uniformity and quietness.

Type C 300 is produced by an entirely new process of manufacture. Gas action must be coupled with electron emission for high signal audibility and sensitiveness as a detector. In the past it has been impossible to control this necessary gas content during manufacture and also obtain uniformity. Put Type C 300 to the test as we have in comparison with all previous type of tubes. I am confident of your answer.

Produced in large quantities entirely by machinery in the largest vacuum tube factory in the world has made it possible to offer Type C 300 at the remarkable price of \$5.00. Every tube is carefully inspected and tested and is guaranteed free of all mechanical and electrical defects.

### Type C-301-High Vacuum Navy Tube Amplifier

TYPE C 301 HIGH VACUUM AMPLIFIER is designed to meet the demand for the Navy Type amplifier and regenerative receiver. The internal structure and exhaust permit operation at plate voltages of 40 to 100. Amplification constant 7 to 9 with internal impedance of 20,000 to 12,000 ohms. Price.....

**\$6.50**

See your dealer today and get your copy of Bulletin C 300 describing these new tubes. If your dealer cannot supply you send us his name and address and we will mail you a copy without charge.

*Service and Quality since 1915*

*Guaranteed by*

*E. J. Cunningham*

Trading as

**Audiotron Mfg. Company**

35 Montgomery St.,

San Francisco