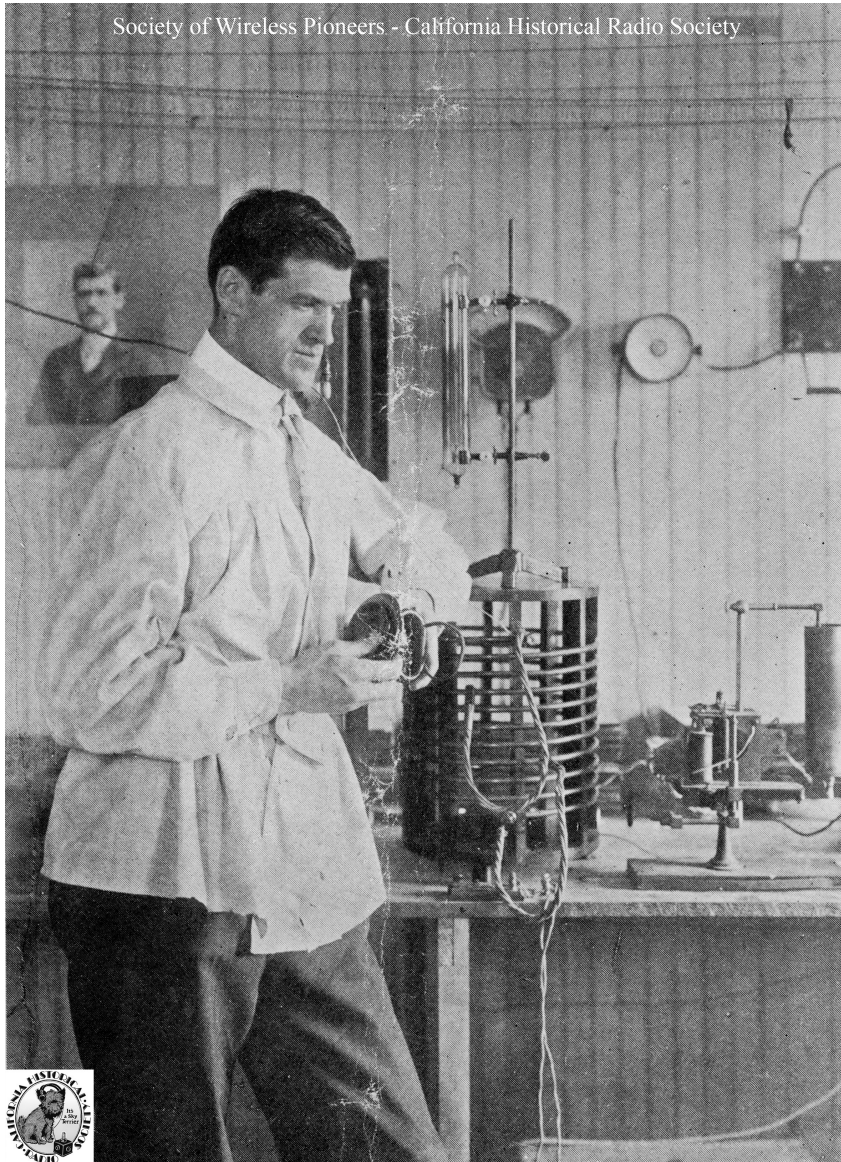


Answers to the SoWP Challenge



1. Who is this man?

Archie Frederick Collins

2. Where was he in late 1913?

Federal Penitentiary, Atlanta, Georgia

3. What was the strangest substance he ever tried to use as a detector?

*Human brain, recently removed
from a cadaver*

The Effect of Electric Waves on the Human Brain.

By A. FREDERICK COLLINS.

DURING the month of September I made a series of experiments, demonstrating that the brain cells of man and animals exhibit a marked "coherer" effect under the action of electric waves of the Hertzian order.

physiological effects followed as a natural sequence, and I believed then, before I made the tests, as I do now, that the fright exhibited by this little girl was only an outward physical expression of the change registered by the cells, and that the real cause could be logically attributed to the peculiarly strained tension of the brain matter, and that death was the secondary product of this result.

The experiments of Herr Heinrich Hertz, which lead to his dis-

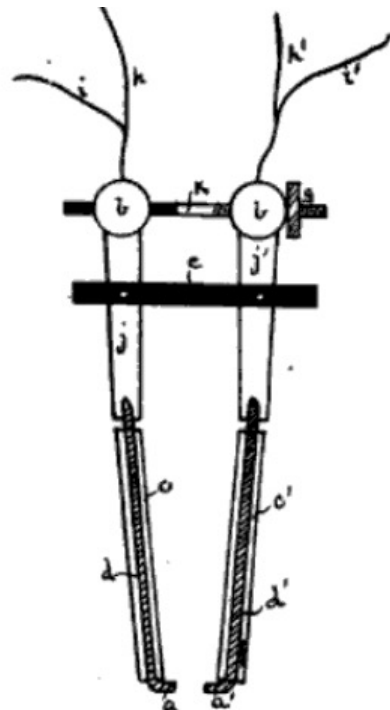


FIG. 5.—SPECIAL DESIGN OF COHERER FOR BRAIN EXPERIMENTS.



FIG. 7.—LISTENING TO COHESION OF HUMAN BRAIN UNDER ACTION OF ELECTRIC WAVES.