

No. 840,714.

PATENTED JAN. 8, 1907.

A. SCHEIBLER.

TOOL FOR TESTING THE CURRENT IN ELECTRIC WIRES.

APPLICATION FILED OCT. 3, 1906.

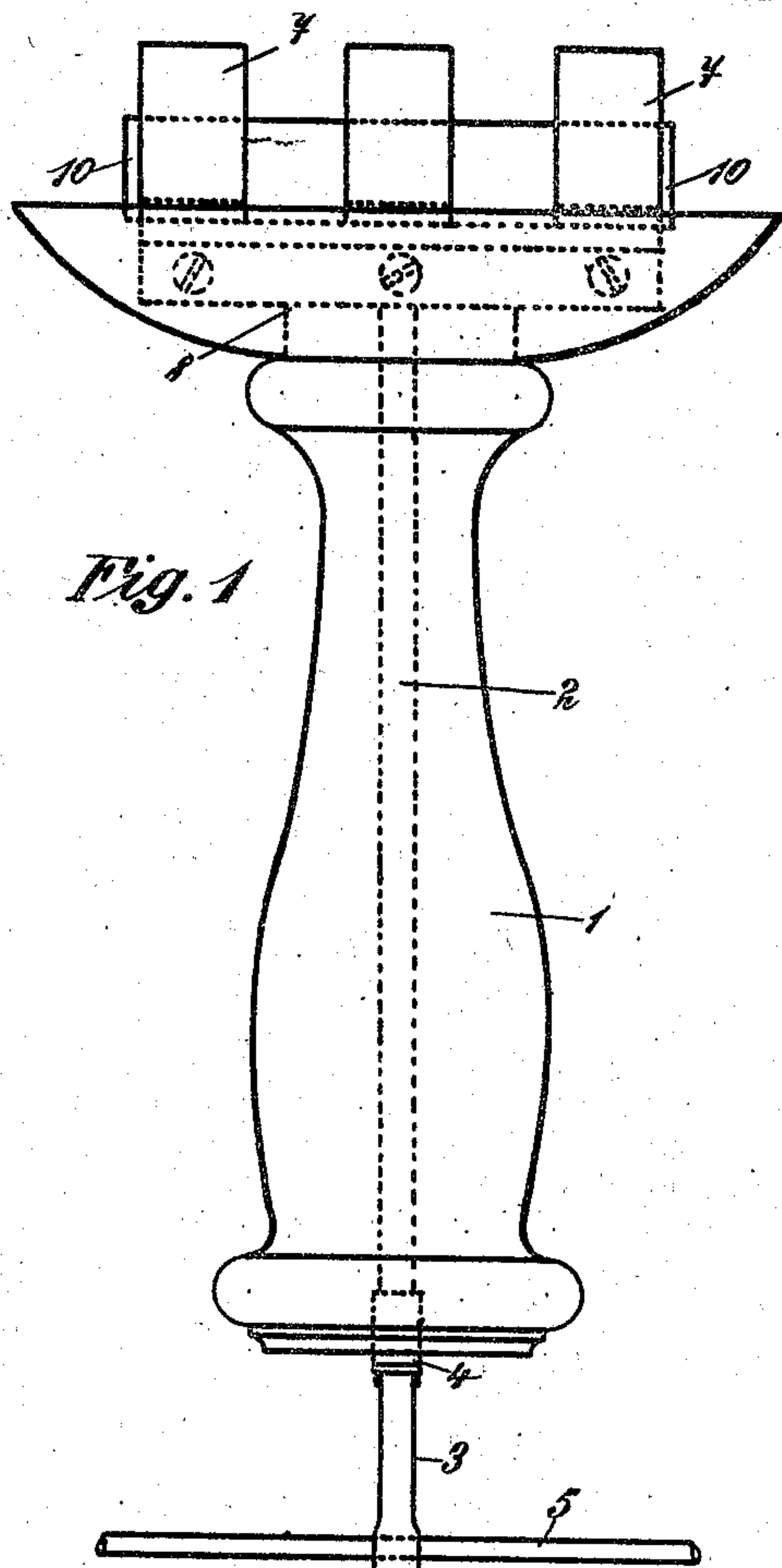


Fig. 1

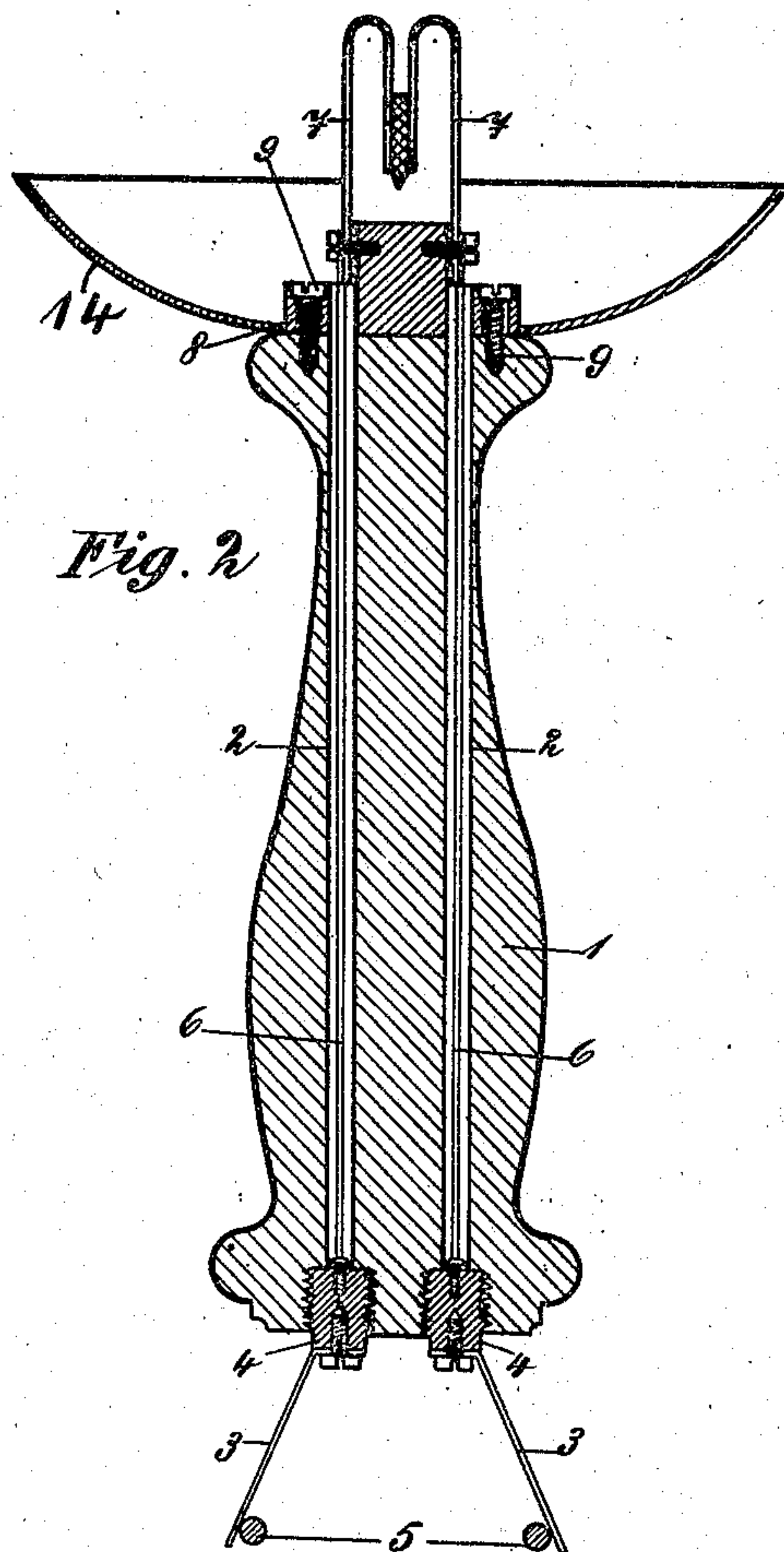


Fig. 2

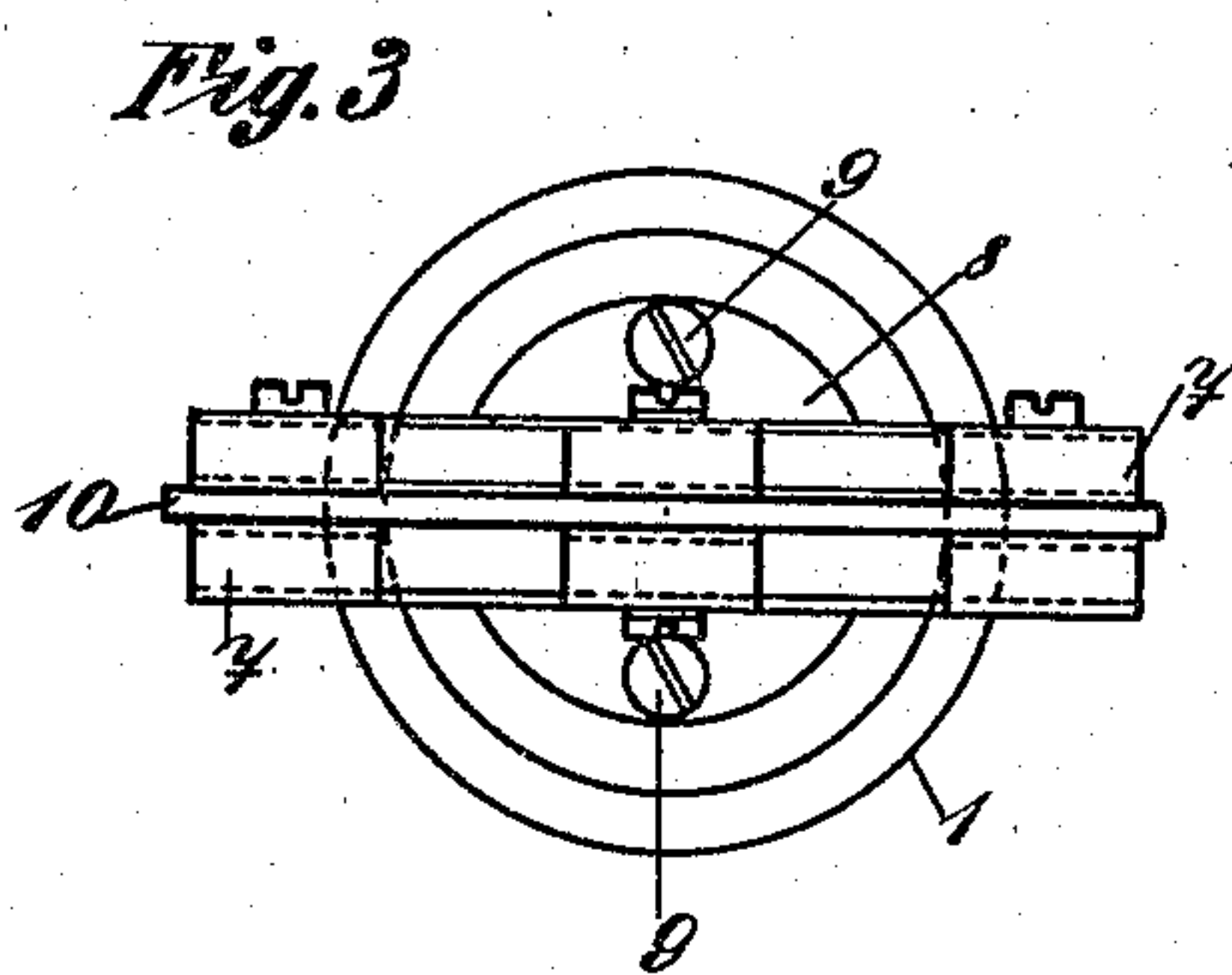


Fig. 3

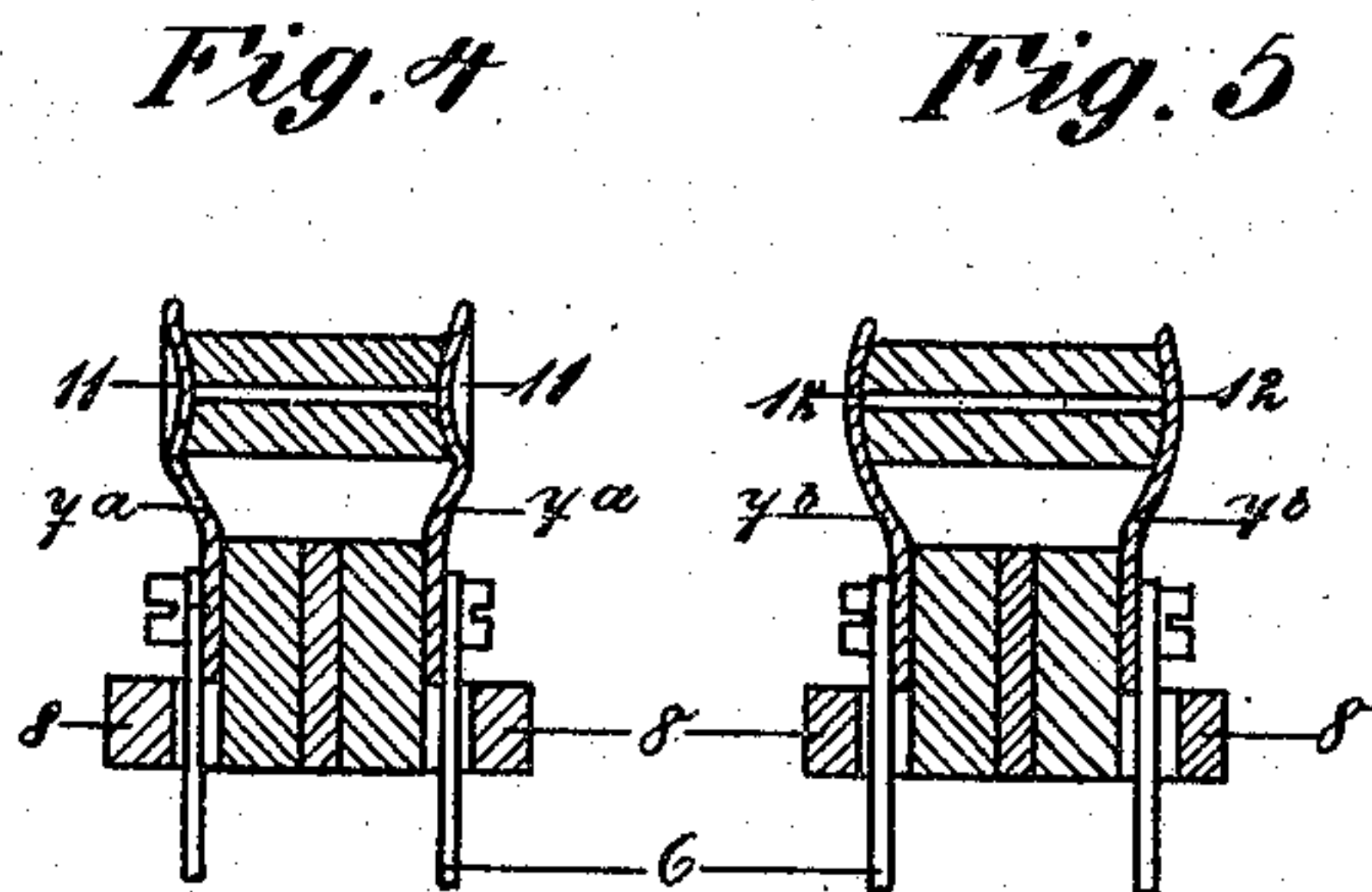


Fig. 4

Fig. 5

Witnesses:
Arthur L. Lundy
J. L. Lundy

Inventor:
Alfred Scheibler

UNITED STATES PATENT OFFICE.

ALFRED SCHEIBLER, OF AARAU, SWITZERLAND.

TOOL FOR TESTING THE CURRENT IN ELECTRIC WIRES.

No. 840,714.

Specification of Letters Patent.

Patented Jan. 8, 1907.

Application filed October 3, 1906. Serial No. 337,296.

To all whom it may concern:

Be it known that I, ALFRED SCHEIBLER, a citizen of the Republic of Switzerland, and a resident of Aarau, Switzerland, have invented a new and useful Tool for Testing the Current in Electric Wires, of which the following is a specification.

This invention relates to a tool by means of which one is able to ascertain if a sufficiently strong current is passing through electric wiring to do harm to a human being.

In the accompanying drawings, Figure 1 is a front view of the tool. Fig. 2 is a longitudinal section through the same. Fig. 3 is a plan. Figs. 4 and 5 are constructional forms of the tool-head.

The tool consists of the handle 1, of isolating material, porcelain, and the like, provided inside with two longitudinal bores 2, which are closed at one end by metal plugs 4. Metal bars 3 are fixed to the free ends of these plugs 4.

5 represents the wires to be examined.

Leading from the metal plugs 4 through each bore are the metal rods 6, which are fastened to spring-plates 7 outside the handle 1. These plates 7 are screwed to an isolating-piece 8, screwed to the handle 1 by screws 9. An easily-fusible piece of lead 10 is placed between the spring-plates 7

14 is a metal guard.

Referring to the construction in Figs. 4 and 5, the spring-plates 7^a and 7^b are so shaped that, according to Fig. 4, a fuse-link with a thin lead-wire can be inserted between the concave projection 11 and, according to Fig. 5, between the convex recess 12.

When the tool is to be used, the bars 3 are placed on the wires to be tested, the fuses 10 burning in the event of a strong current passing through the wires.

Having fully described my invention and in what manner the same is to be performed, I declare that what I claim is—

A tool for testing electrical wires, comprising in combination the isolating-handle 1 with rods 6 therein, connected at one end to spring-plates carrying fuses 7 and having at the other end projections 3 adapted to be placed on the electric wires, substantially as described and shown and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ALFRED SCHEIBLER.

Witnesses:

CARL JUBLE,
VITAL FANK.