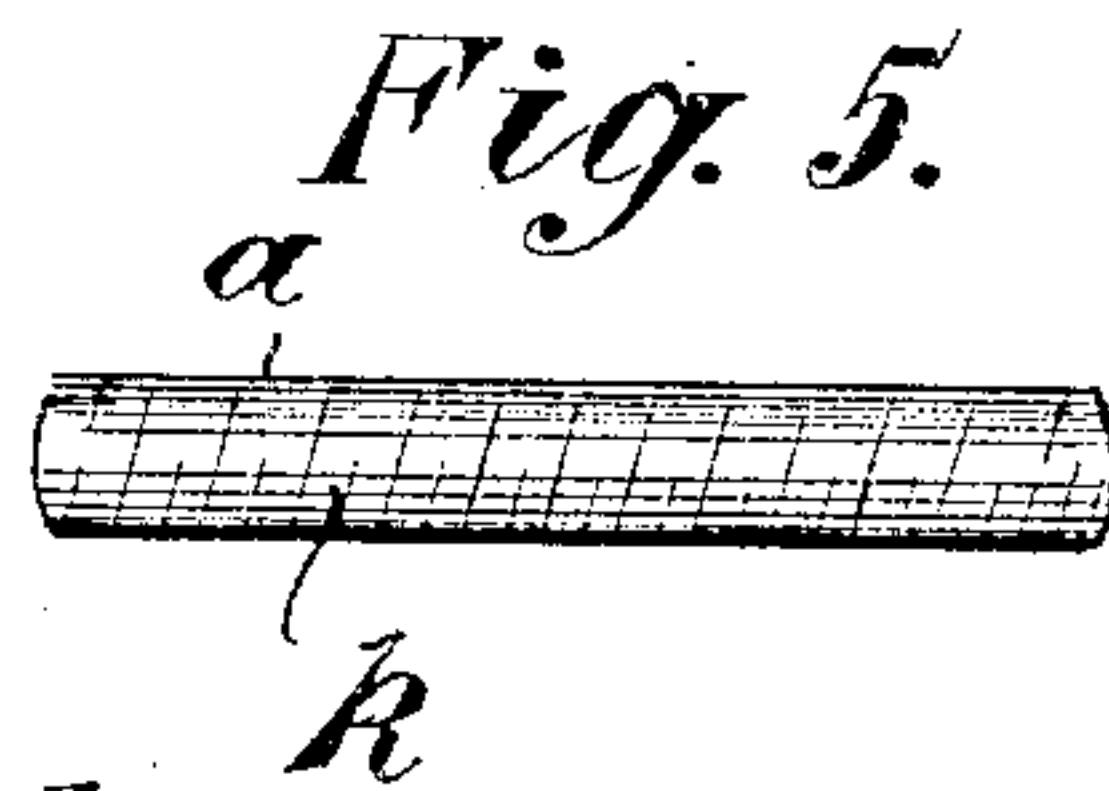
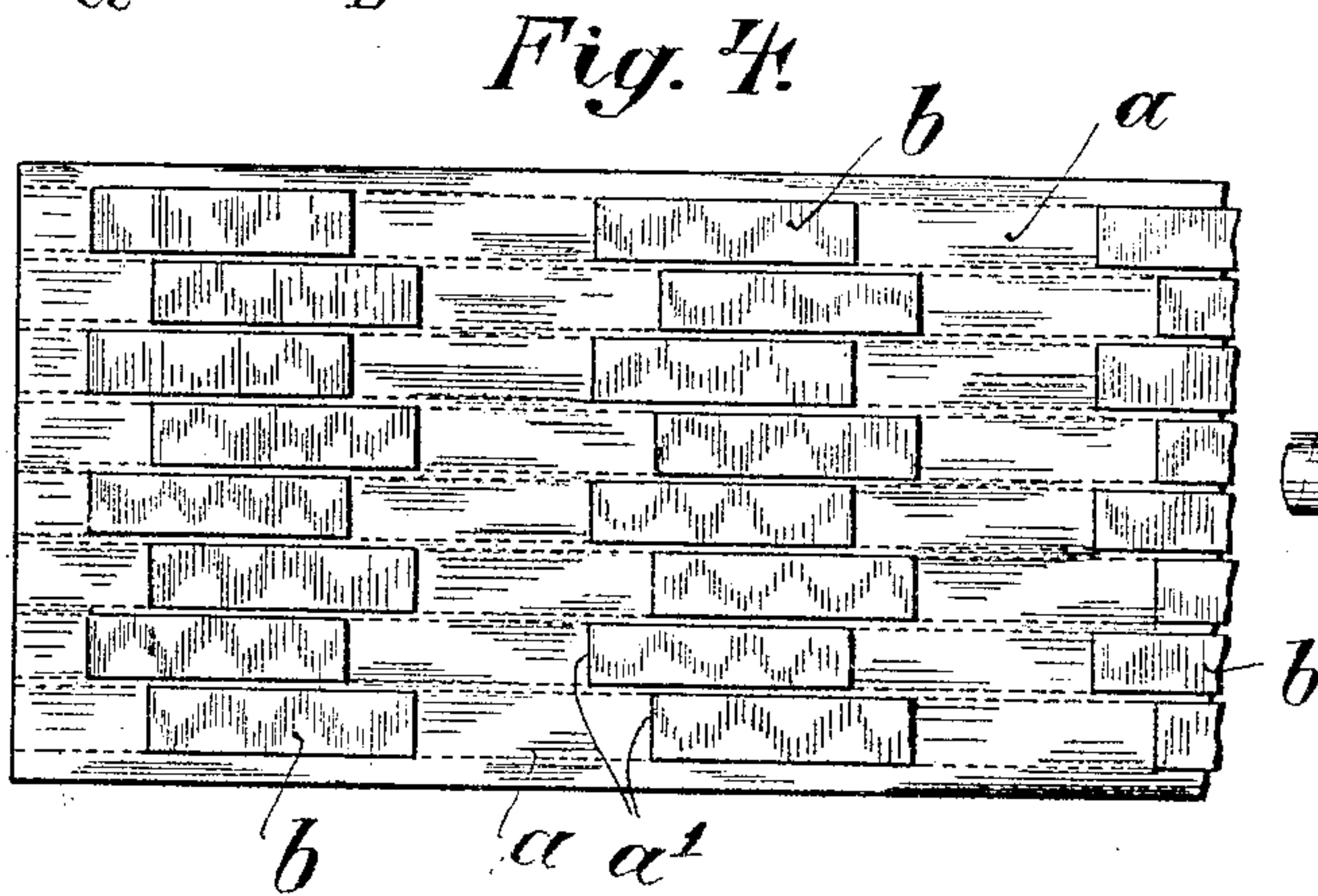
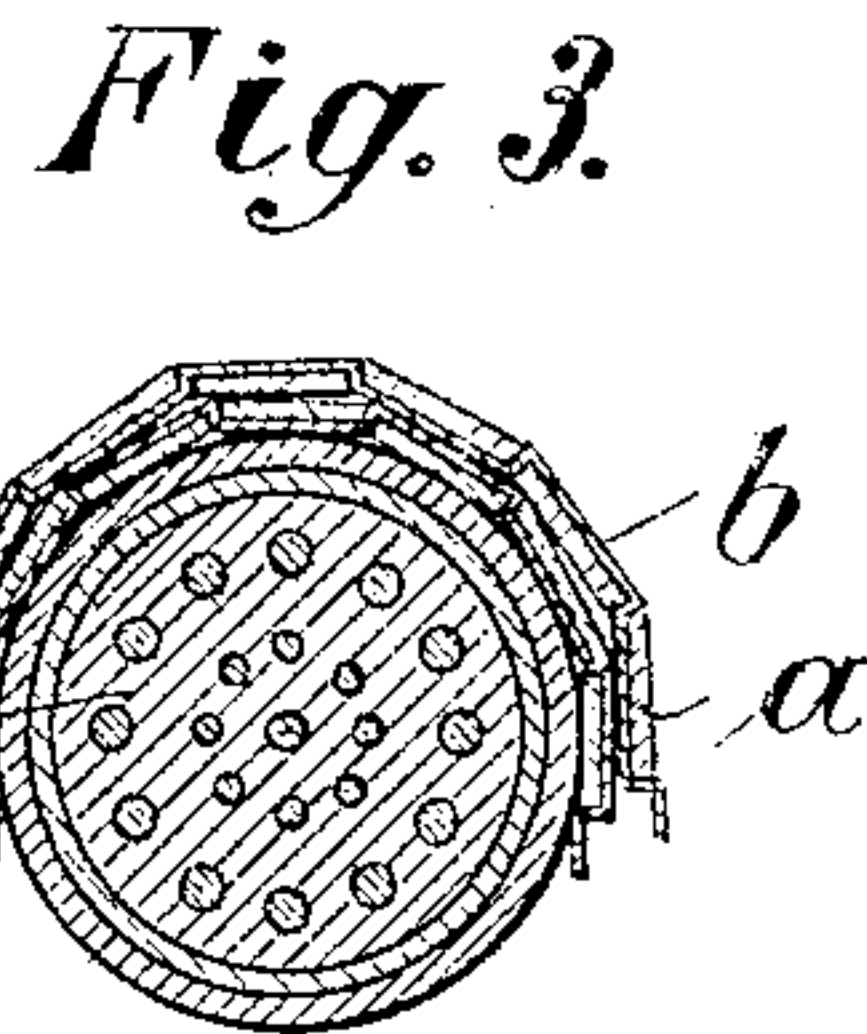
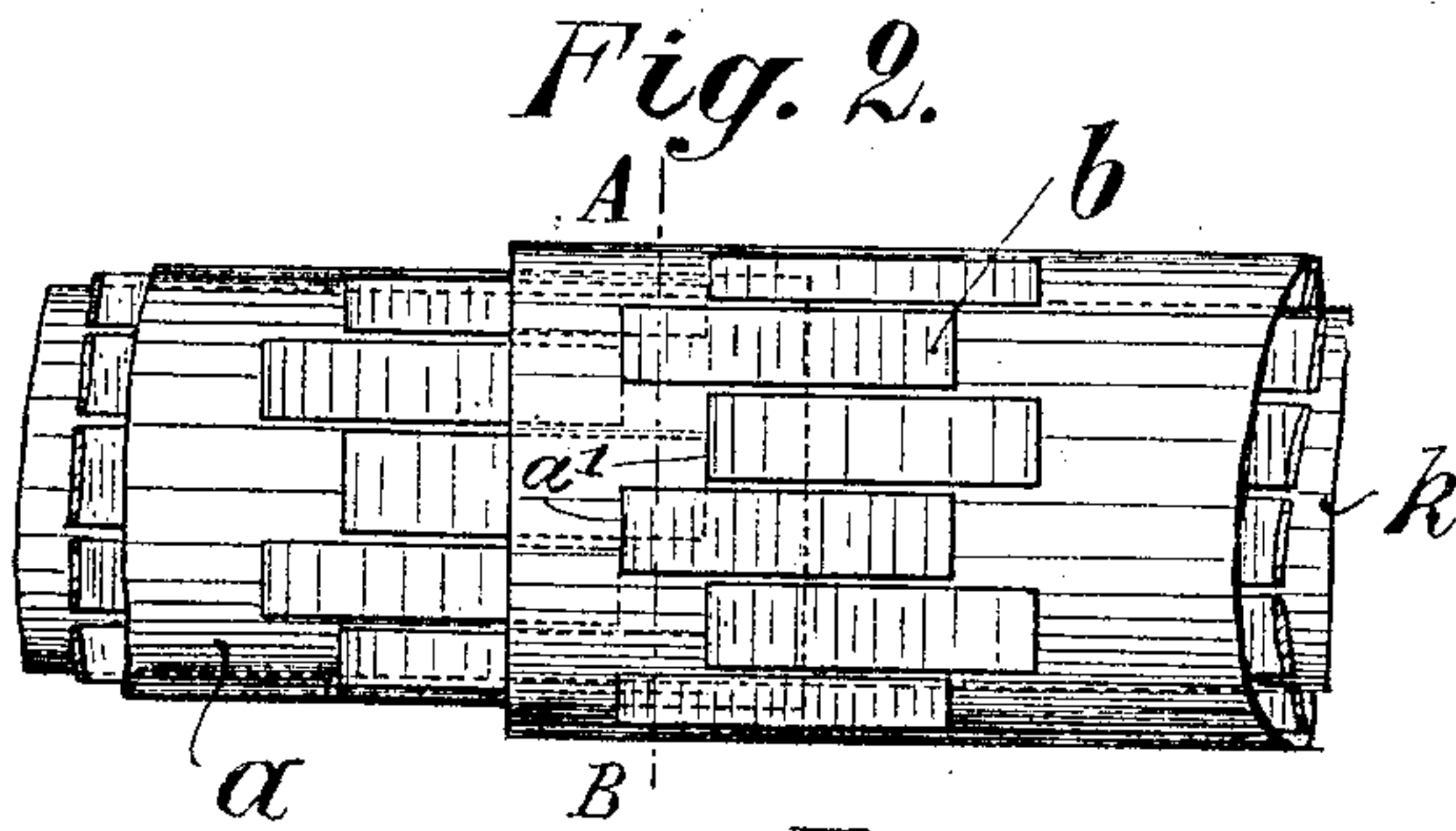
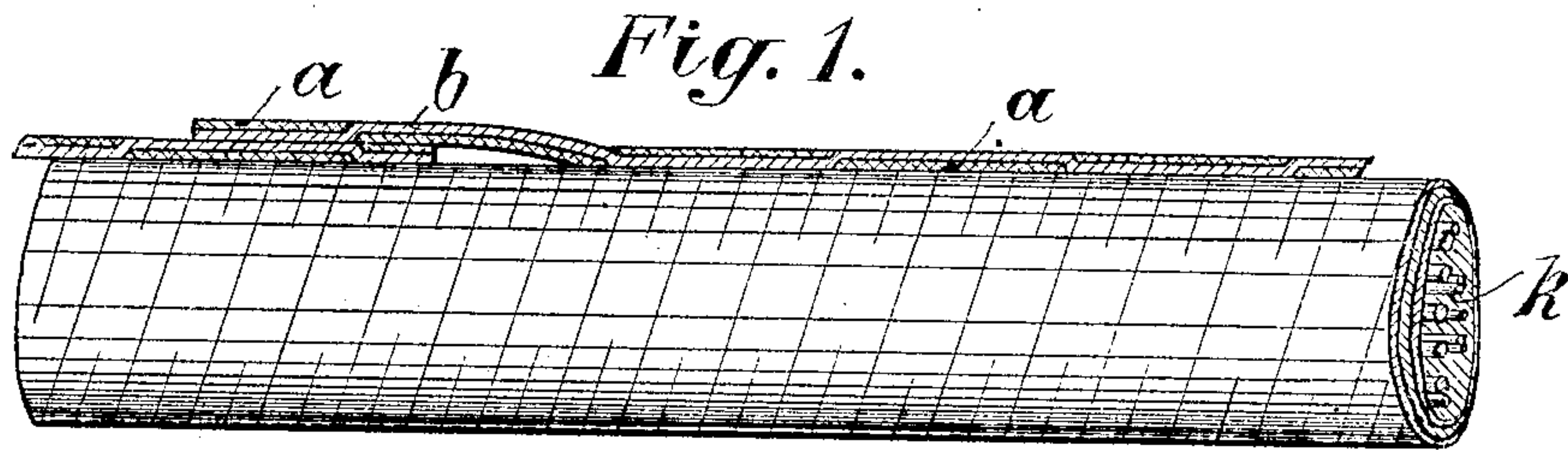


O. WILHELMI.
COVERING FOR CABLES AND SIMILAR DEVICES.
APPLICATION FILED MAR. 31, 1905.



Witnesses:
Arthur Gump
Fred. Confricht

Inventor:
Otto Wilhelm
by Frank B. Briesen Att'y.

UNITED STATES PATENT OFFICE.

OTTO WILHELMI, OF KÜSNACHT, SWITZERLAND.

COVERING FOR CABLES AND SIMILAR DEVICES.

No. 801,494.

Specification of Letters Patent.

Patented Oct. 10, 1905.

Application filed March 31, 1905. Serial No. 253,054.

To all whom it may concern:

Be it known that I, OTTO WILHELMI, a citizen of the Swiss Republic, residing at Küsnacht, near Zurich, Switzerland, have invented new and useful Improvements in Coverings for Cables and Similar Devices, of which the following is a specification.

This invention relates to an improved covering for cables, wires, pipes, and other transmitters which is strong, flexible, and tight, so as to effectively shield the inclosure against moisture and other injurious influences.

In the accompanying drawings, Figure 1 is a side view of a cable, showing the covering in section; Fig. 2, a plan thereof; Fig. 3, a cross-section on line A B, Fig. 2. Fig. 4 is a plan of the covering, showing it spread out in a plane; and Fig. 5, a side view of a cable, showing two layers of the covering in section.

The letter *a* represents a flexible sheet or wrapper adapted to be wound around a cable *k* and composed of tar-paper or other waterproof material. Into the wrapper *a* are woven a series of parallel flexible metal bands *b* by being passed alternately upward and downward through transverse slits *a'* of the wrapper. Each band *b* thus projects alternately over the top and bottom of the wrapper, so that in this way the entire wrapper is

armored, though free to bend in a longitudinal direction between adjoining bands. The transverse slits *a'* of adjoining bands break line with each other, as shown, to prevent an undue weakening of the wrapper along transverse lines.

My improved covering is especially adapted for underground cables, water-pipes, gas-pipes, and drains and effectively protects the same against frost, moisture, and other injurious influences.

What I claim is—

1. A protective covering for cables and similar devices, composed of a waterproof wrapper having transverse slits, and of parallel metal strips passing through said slits, substantially as specified.

2. A protective covering for cables and similar devices, composed of a waterproof wrapper having transverse slits arranged to break line, and of parallel metal strips passing through said slits, substantially as specified.

Signed by me at Zurich, Switzerland, this 16th day of March, 1905.

OTTO WILHELMI.

Witnesses:

A. LIEBERKNECHT,
FRIEDRICH WILHELMI.