

No. 684,845.

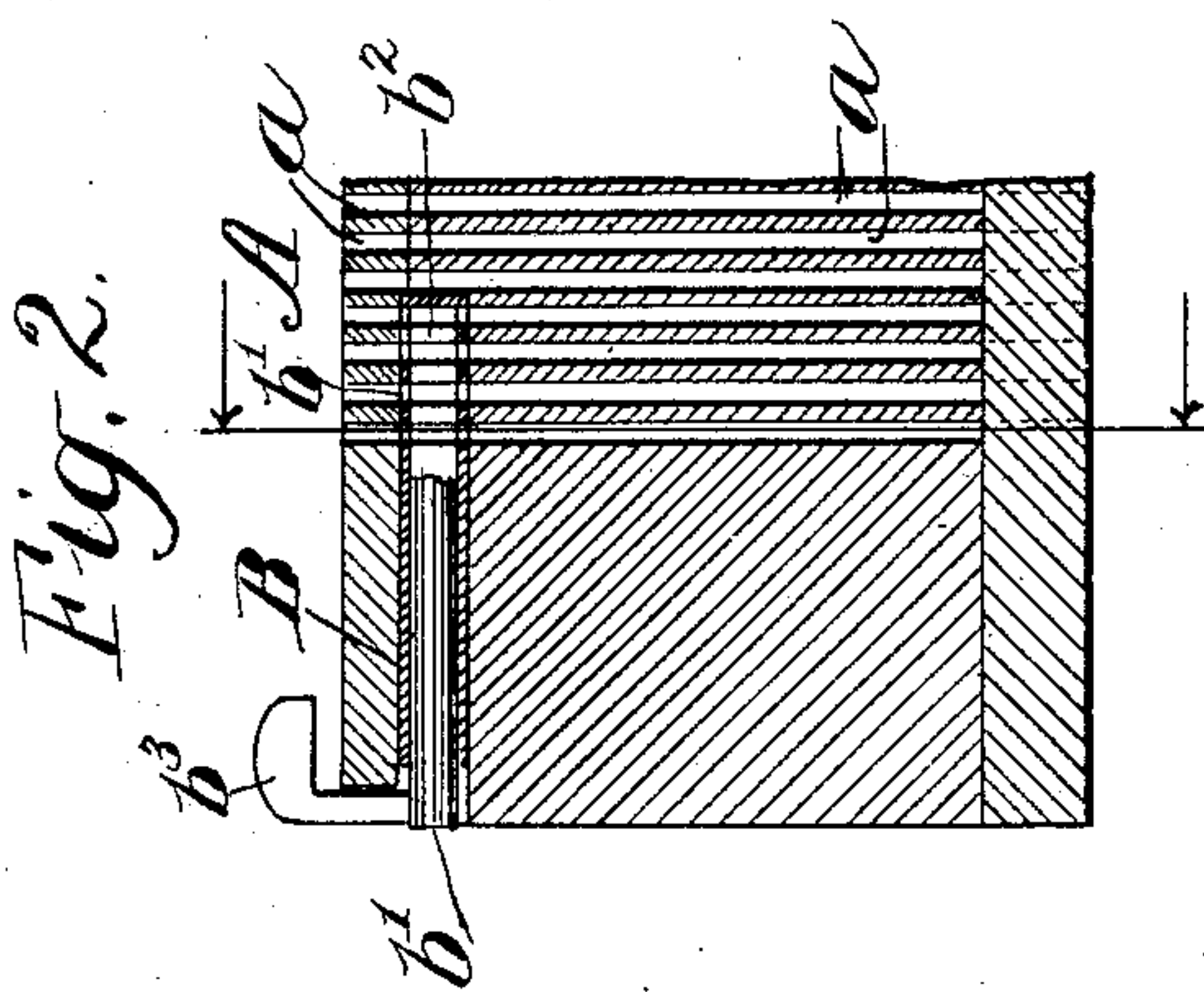
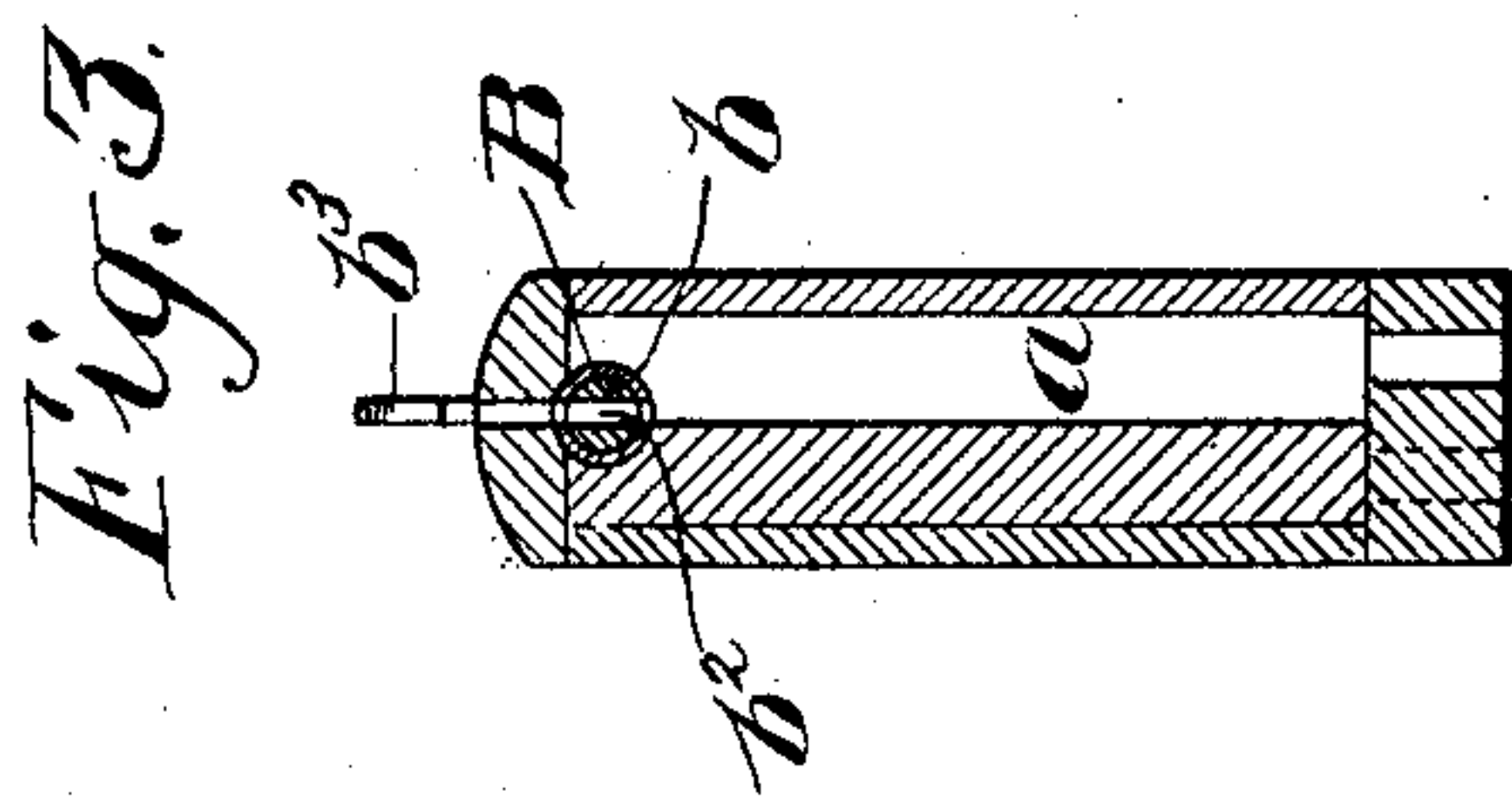
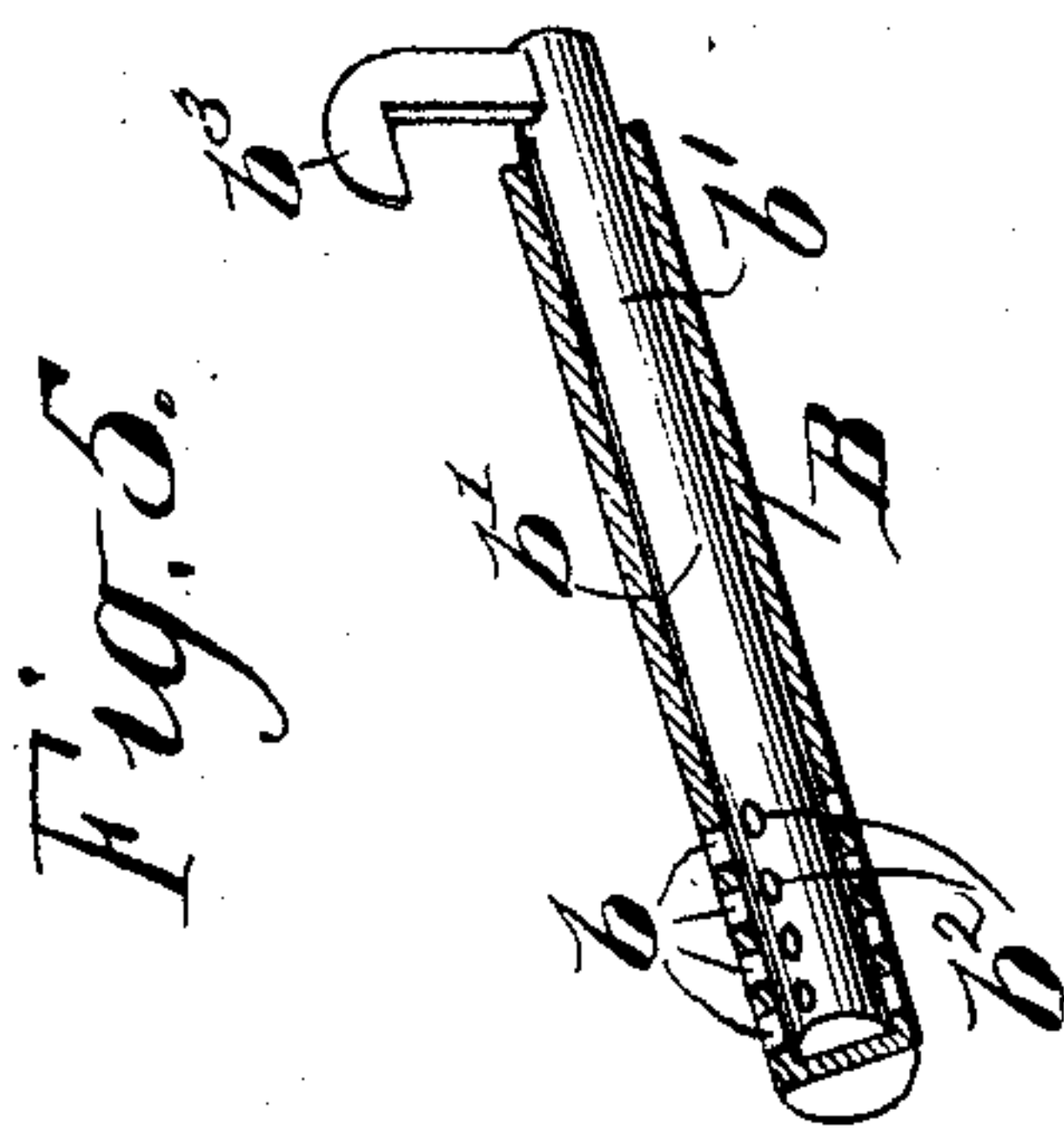
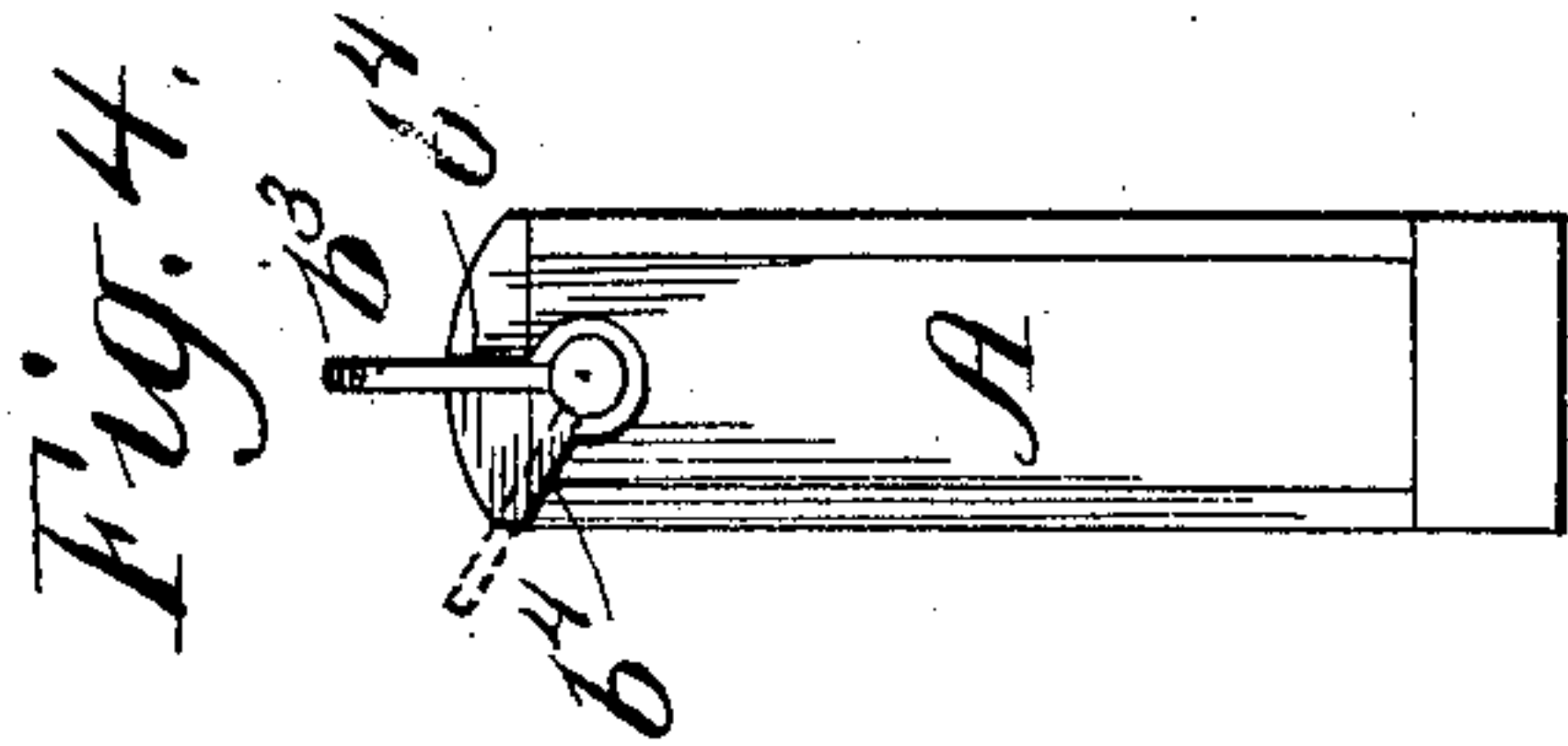
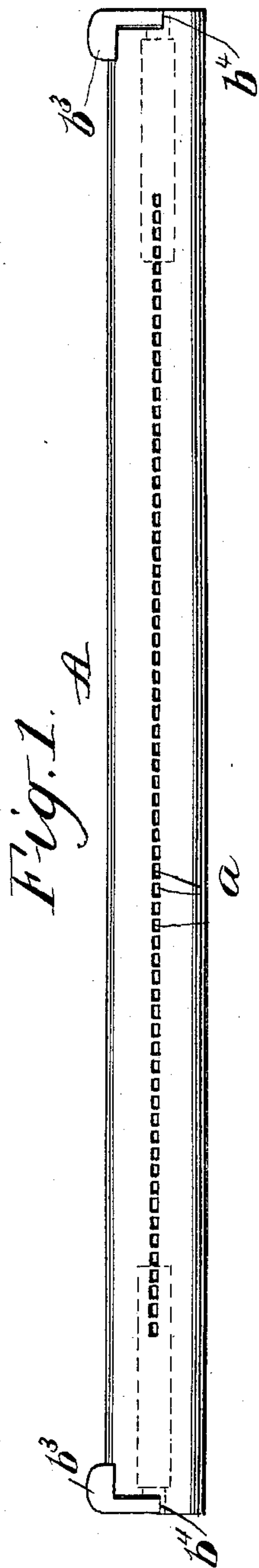
Patented Oct. 22, 1901.

H. R. MOORE.

TRACKER BOARD FOR MECHANICAL MUSICAL INSTRUMENTS.

(Application filed May 24, 1901.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

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TRACKER-BOARD FOR MECHANICAL MUSICAL INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 684,845, dated October 22, 1901.

Application filed May 24, 1901. Serial No. 61,683. (No model.)

To all whom it may concern:

Be it known that I, HARTWELL R. MOORE, a citizen of the United States, residing at Elizabeth, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Tracker-Boards for Mechanical Musical Instruments, of which the following is a specification.

My invention relates to tracker-boards for mechanically - played musical instruments; and it has for its object to cut out at times a number of passages in the tracker-board in order that music-sheets of different widths may be used.

I will describe a tracker-board embodying my invention and then point out the novel features thereof in the claims.

In the accompanying drawings, Figure 1 is a top plan view of a tracker-board embodying my invention. Fig. 2 is a detail vertical and longitudinal sectional view. Fig. 3 is a vertical and transverse sectional view. Fig. 4 is an end view. Fig. 5 is a detail perspective view partly in longitudinal section.

Similar letters of reference designate corresponding parts in all of the figures.

A represents a tracker-board having the usual passages *a* for air, of which passages there may be any number.

B represents a sleeve which is closed at one of its ends and arranged longitudinally of the tracker-board. An opening extending longitudinally of the tracker-board is provided in an end thereof, and the sleeve B is suitably retained in this opening.

b represents openings which are formed in the sleeve B. The openings are arranged in pairs. The openings of each pair are diametrically opposite and register with a passage *a* in the tracker-board. *b'* represents a plug fitting in the sleeve and preferably of such a size as to effectually close the bore of the sleeve and yet capable of being turned therein. The plug is provided with a number of diametrically-arranged passages *b²*, which in one position of the plug register with the diametrically-arranged openings *b* and the passages *a* of the tracker-board.

b³ represents a finger-piece carried by the plug, by means of which the position of the plug may be changed. The finger-piece *b³* is

adapted to coact with a pair of stops, which are here shown as consisting of shoulders *b⁴*, formed by cutting away the tracker-board. When the finger-piece *b³* is in engagement with one stop *b⁴*, the passages of the plug will be in registry with the openings of the sleeve and the passages *a* of the tracker-board, and when in engagement with the other stop *b⁴* the openings of the plug will be out of registry with the openings of the sleeve and the passage *a* of the tracker-board.

Preferably there will be a sleeve B and plug *b'* provided at each end of the tracker-board, and they may be of any length and have any number of openings and passages. The function of the sleeve and plug is to cut out and open or interrupt passages in the tracker-board, thus permitting of different widths of perforated paper being used in connection therewith.

What I claim as my invention is—

1. The combination with a tracker-board having a plurality of passages, of a rotatable plug provided longitudinally of the tracker-board and having passages which are adapted to be brought into and out of registry with passages of the tracker-board.

2. The combination with a tracker-board having a plurality of passages, of a rotatable plug provided longitudinally of the tracker-board and having passages which are adapted to be brought into and out of registry with the passages of the tracker-board, and stops with which said plug is adapted to engage to have its movement limited.

3. The combination with a tracker-board having a plurality of passages, of a sleeve provided longitudinally of the tracker-board and provided with diametrically-arranged openings which register with passages in the tracker-board, and a rotatable plug fitted within said sleeve and adapted to be brought into and out of registry with said openings.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HARTWELL R. MOORE.

Witnesses:

GEORGE B. KELLY,
ALLISON E. ALLEN.