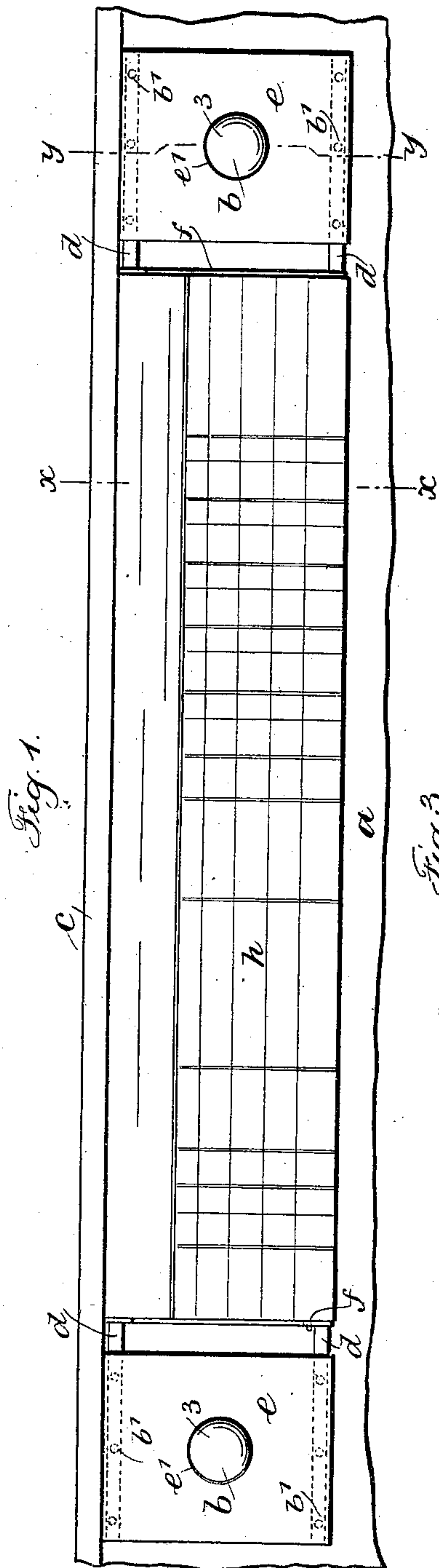


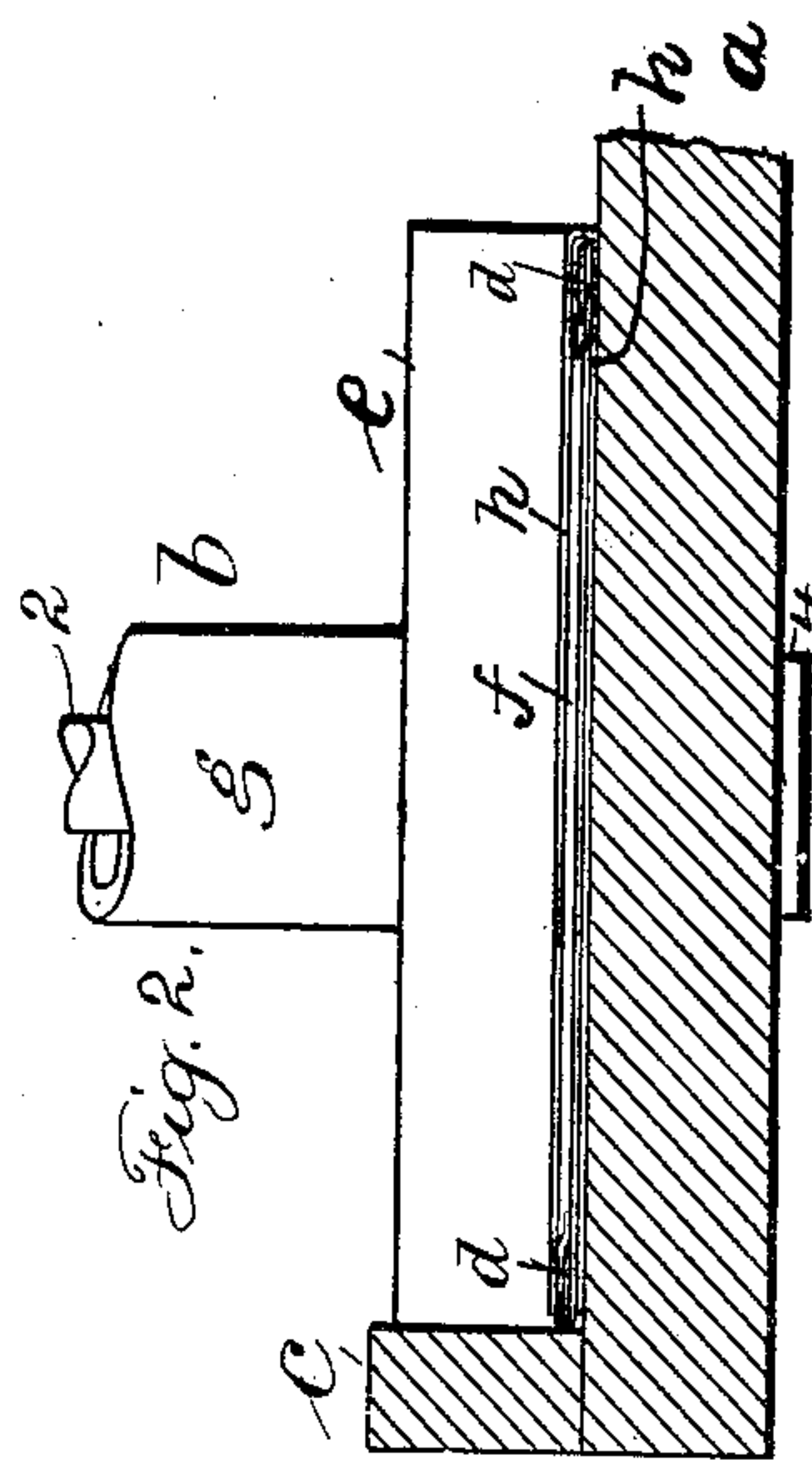
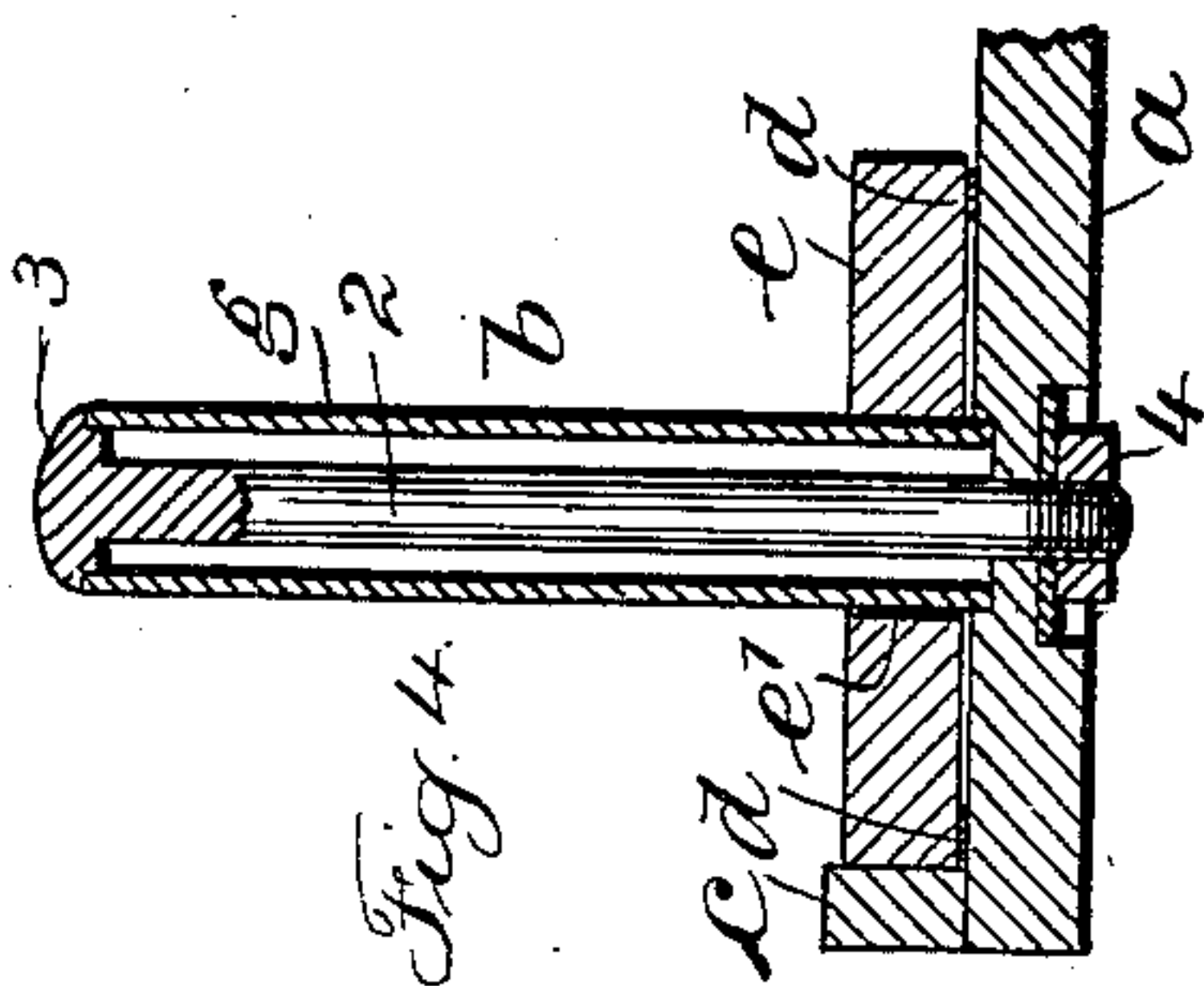
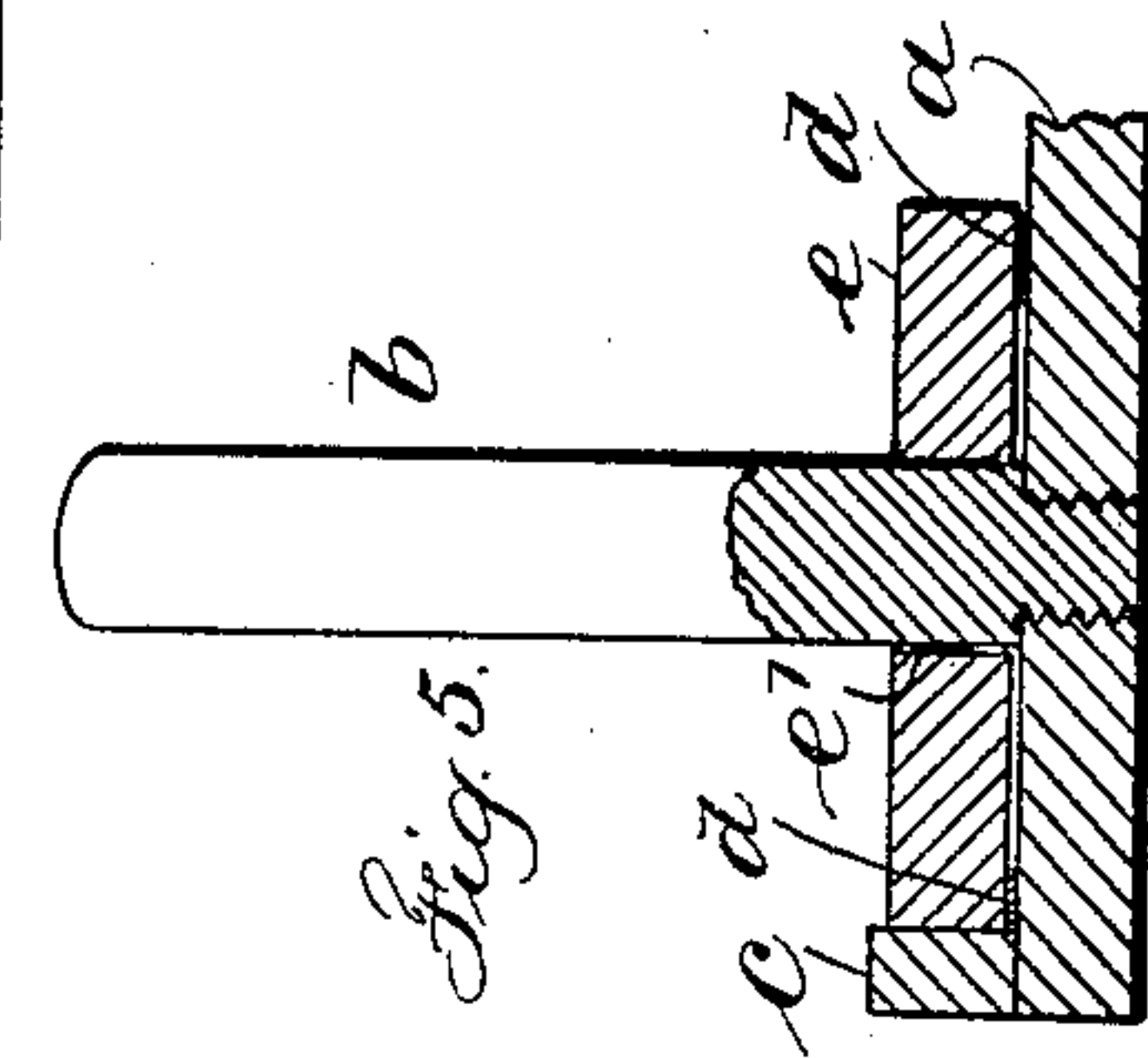
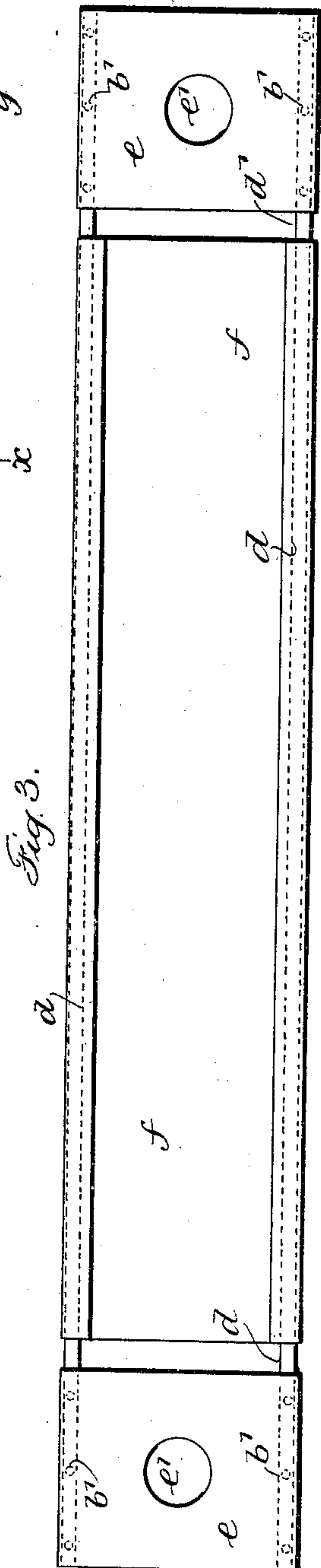
No. 862,610.

PATENTED AUG. 6, 1907.

C. L. CONVERSE.  
MANIFOLDING DEVICE.  
APPLICATION FILED FEB. 26, 1907.



Witnesses  
Chas. Smith  
A. B. Ferrell



Inventor  
Clarence L. Converse  
for Harold Ferrell  
his atty



# UNITED STATES PATENT OFFICE.

CLARENCE L. CONVERSE, OF NEW YORK, N. Y.

## MANIFOLDING DEVICE.

No. 862,610.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed February 25, 1907. Serial No. 359,306.

To all whom it may concern:

Be it known that I, CLARENCE L. CONVERSE, a citizen of the United States of America, residing at the borough of Brooklyn, in the county of Kings, city and State of New York, have invented a new and useful Improvement in Manifolded Devices, of which the following is a specification.

My invention is especially adapted for use in making duplicate records of way-bills, receipts and other commercial papers, and the objects of my invention are first, to provide means for holding the carbon paper in a smooth and fixed position while the record is being made; second, to provide for the reversal of the carbon paper without removing it from its holder, and third, to provide a guide and stop for the way-bill or other paper so as to prevent its being disarranged or slipping while being marked.

These objects I attain by the mechanism illustrated in the accompanying drawing, in which  
Figure 1 is a plan view of the apparatus complete, illustrating a way-bill in position ready for marking.  
Fig. 2 is a cross section at the dotted line *x, x*, of Fig. 1.  
Fig. 3 is a plan view of the carbon holder removed.  
Fig. 4 is a cross section at the dotted line *y, y*, of Fig. 1  
and Fig. 5 is a sectional view of a modification of the end post.

*a* represents a base of any suitable material, *b b* are end posts, and *c* a stop strip secured to the base in any desired manner.

The carbon holder consists of two narrow flat strips *d d* of suitable material, preferably steel, and two end blocks *e e* of wood or other suitable material to which the ends of the strips *d d* are securely fastened near the opposite sides of the blocks by screws *b<sup>1</sup>* or in any other suitable manner. The end blocks *e e* each have a central opening *e<sup>1</sup>* through which the end posts *b* pass when the carbon holder is placed over them in position for use. The carbon paper *f* is attached to the holder by folding its side edges over and beyond the strips *d d* and pasting the said folds to the body portion close to the strips *d d* so as to prevent the carbon paper sliding thereon. The end posts *b b* may be of any suitable material and may consist of a tube *g* with a bolt 2 passed through the tube and base and secured to the base by a nut 4 underneath the same with the head 3 of the bolt bearing against the end of the tube as shown in Figs. 2 and 4, or the posts may be solid and of one piece having a reduced lower end screw-threaded to screw into the base *a* as shown in Fig. 5. It is however obvious, that the end posts *b* may be secured to the base *a* in any desired manner, such for instance as by a flanged lower end through which screw holes may be provided.

The way-bills *h* or the commercial papers are of any usual character, consisting essentially of a sheet of paper perforated longitudinally in the exact center of the record portion of the sheet, with appropriately

headed blank columns for descriptive matter printed in the upper half on one side and in the lower half on the opposite side, so that when the upper half of the bill is placed under the carbon holder and the lower half of the bill is folded over the top of the carbon holder, the printed blanks on both halves of the way-bill will correctly register with each other.

When the carbon holder is in position for use there is sufficient space below the carbon holder for the easy insertion of the upper half of the way-bill without the necessity of raising the carbon holder, and the stop strip *c* insures the proper adjustment of the way-bill, and a slight pressure of the operator's hand or finger upon the carbon holder prevents any possibility of the way-bill slipping while the record is being made; and this is especially advantageous in bag-checking on way-bills where it sometimes becomes necessary to add to the record after the two halves of the way-bill have been separated; in this case the stop-strip *c* and the end of the carbon paper form a guide so that the two halves of the way-bill may be put back in position with the blank columns exactly registering, thus insuring the proper duplication of the corrected or added record.

Another advantageous feature of my invention is that where the carbon paper becomes worn by constant use in one position, an unused portion of the carbon may be brought into use, without removing the carbon paper from the holder, by simply lifting the holder from off the end posts *b* and replacing it in a reversed position endwise.

It will be apparent that a table or desk may form the base *a* it only being necessary to secure the end posts *b b* and the stop strip *c* thereto in order to carry out my invention.

Although only one carbon holder can be used at a time, I prefer to provide several duplicate holders for each apparatus, in case the carbon paper should accidentally become torn in the holder in use, thus avoiding any delay in replacing the carbon paper in the holder, where the operator is busy and for the further purpose of replacing each worn out carbon with a fresh holder and then repairing a number of the holders at the same time with fresh carbon sheets.

It will be readily seen that the apparatus may be made to adapt itself to any length or width of record required.

I claim as my invention:

1. In a manifolded device, and in combination, an endwise reversible carbon holder, consisting of two narrow strips and two end blocks to which the ends of the strips are secured, and end posts by which the carbon holder is held in position when in use.

2. In an apparatus for use in making duplicate records, and in combination, a carbon holder consisting of two narrow flat strips and two end blocks to which the ends of the strips are secured, a carbon sheet carried by the holder,



end posts by which the carbon holder is held in position and a base to which the end posts are secured.

3. In an apparatus for use in making duplicate records, and in combination, a carbon holder consisting of two narrow flat strips and two end blocks to which the ends of the strips are secured, a carbon sheet carried by the holder, end posts by which the carbon holder is held in position, a base to which the end posts are secured, and a stop strip also secured to the said base.

4. In an apparatus for use in making duplicate records, and in combination, a carbon holder consisting of two narrow flat strips and two end blocks to which the ends of the strips are secured, a carbon sheet carried by the holder, end posts by which the carbon holder is held in position when in use, there being a central opening in each of said end blocks through which the said end posts pass when the carbon holder is placed in position.

5. In an apparatus for use in making duplicate records, and in combination, a carbon holder consisting of two narrow flat strips and two end blocks to which the ends of the said strips are secured, a carbon sheet carried by said holder, end posts by which the carbon holder is held in position when in use, there being a central opening in each of said end blocks through which the said end posts pass when the carbon holder is placed in position for use, and a base to which the said end posts are secured.

6. In an apparatus for use in making duplicate records, and in combination, a carbon holder consisting of two narrow strips and two end blocks to which the ends of said

strips are secured, end posts by which the carbon holder is held in position, there being a central opening in each of said end blocks through which the said end posts pass when the carbon holder is placed in position for use, a base to which the said end posts are secured, and a stop strip also secured to said base.

7. In a manifolding device, and in combination, a carbon holder consisting of two narrow strips and two end blocks to which the ends of the strips are secured, posts for retaining the carbon holder in position when in use, and a base to which the posts are secured.

8. In a manifolding device, and in combination, a carbon holder consisting of two narrow strips and two end blocks to which the ends of the strips are secured, posts by which the same is held in position when in use, a base to which the posts are secured, and a stop strip also secured to said base.

9. In a manifolding device, and in combination, a carbon holder consisting of two narrow strips and two end blocks to which the ends of the strips are secured, end posts by which the carbon holder is held in position when in use, there being a central opening in each of said end blocks through which the said end posts pass when the carbon holder is placed in position for use.

Signed by me this 18th day of February, 1907.

CLARENCE L. CONVERSE.

Witnesses:

GEO. T. PINCKNEY,

E. ZACHARIASEN.