

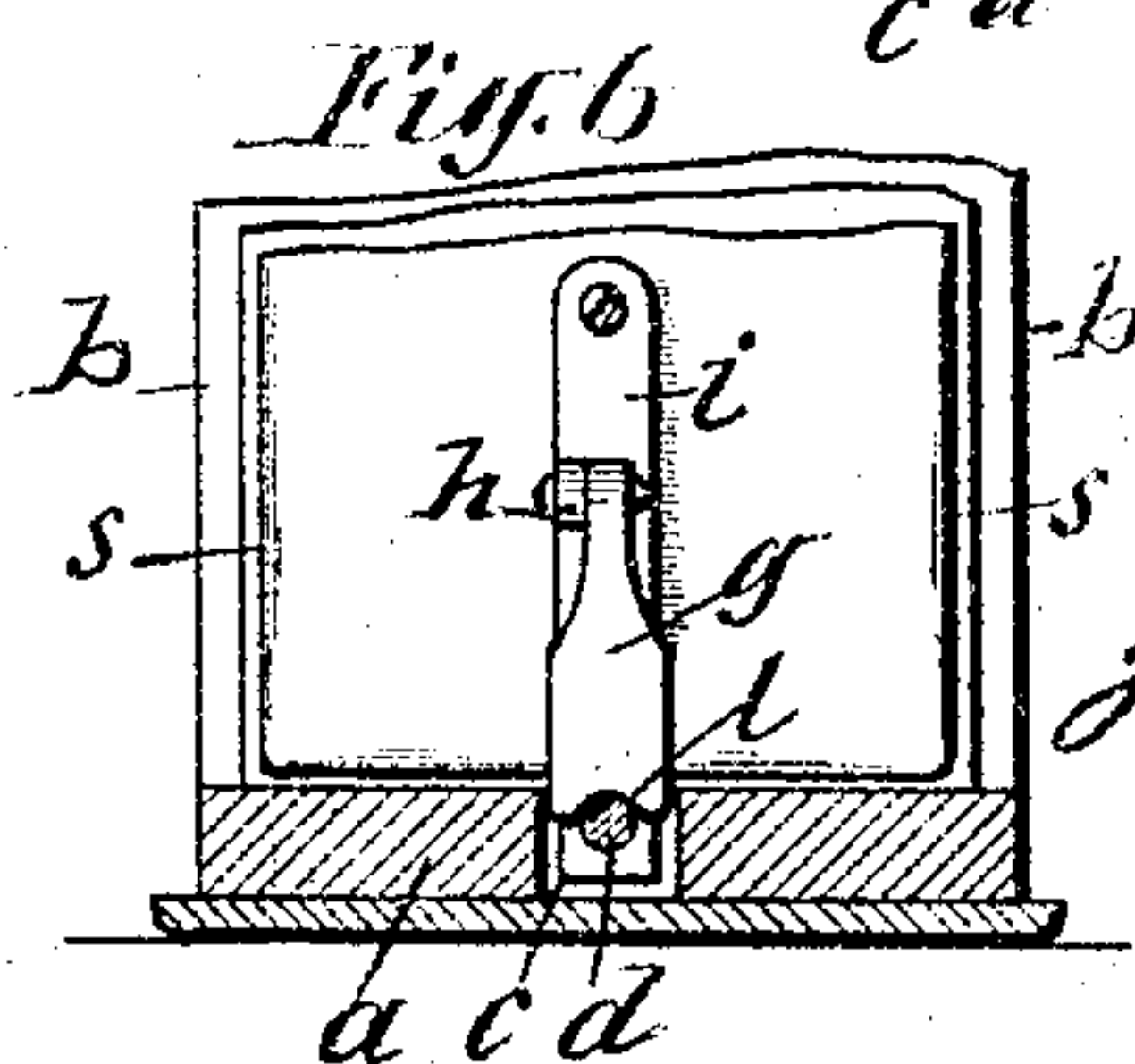
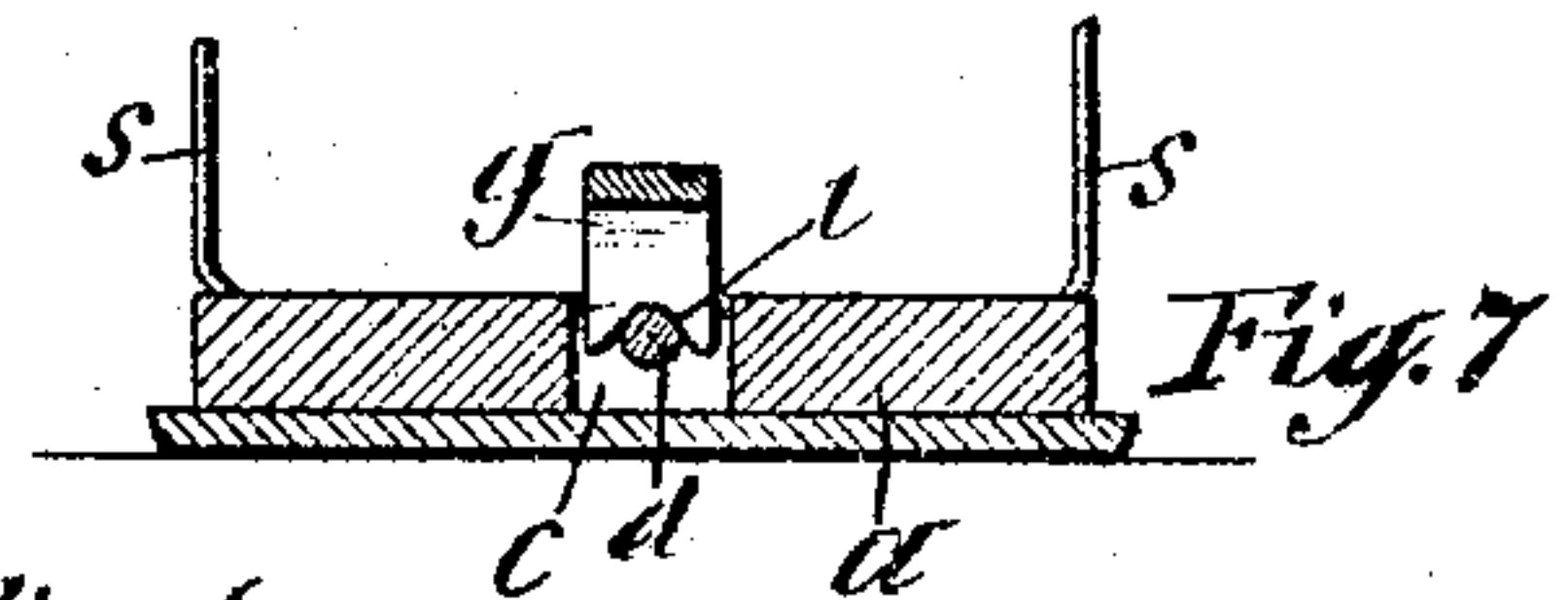
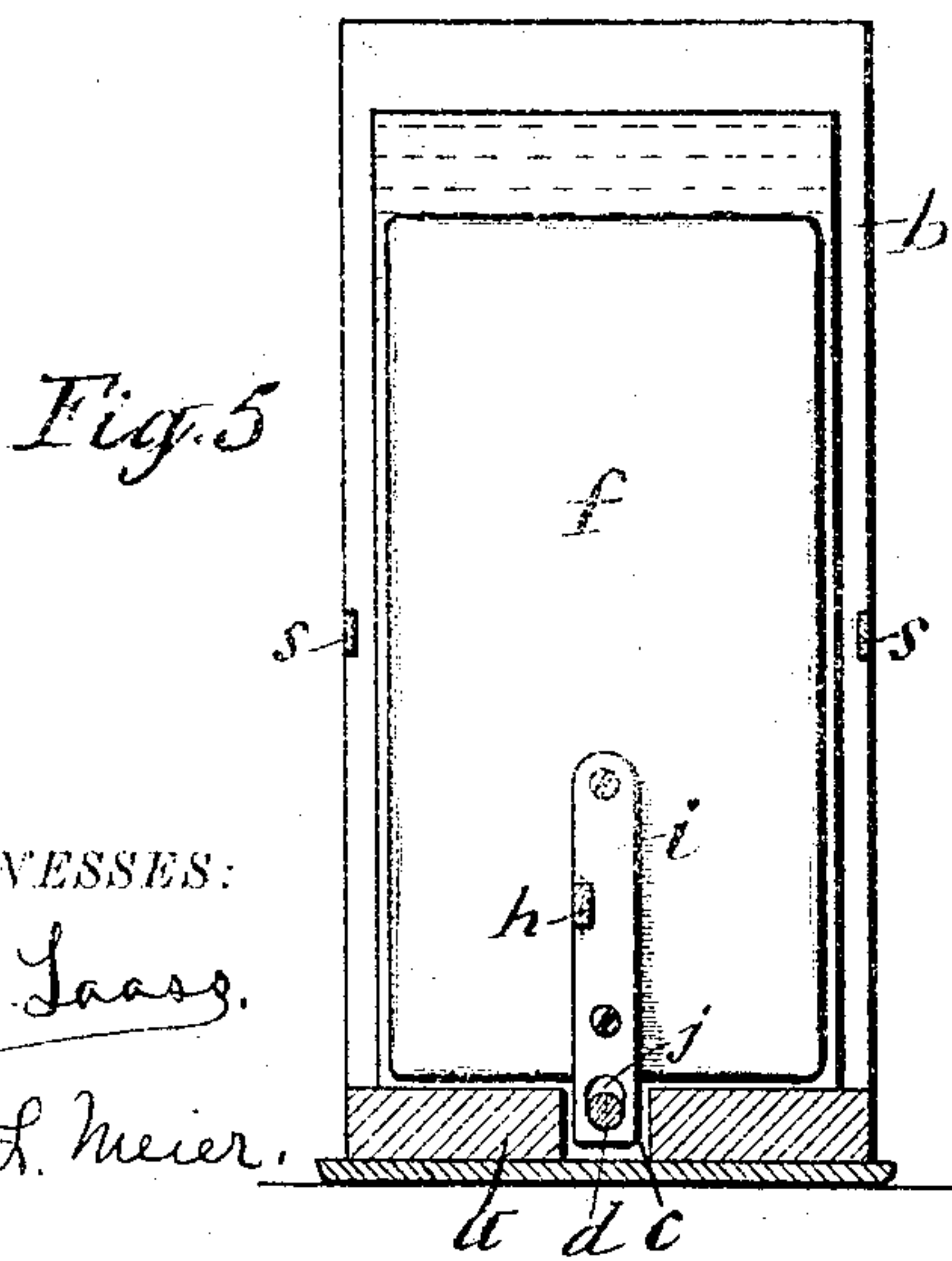
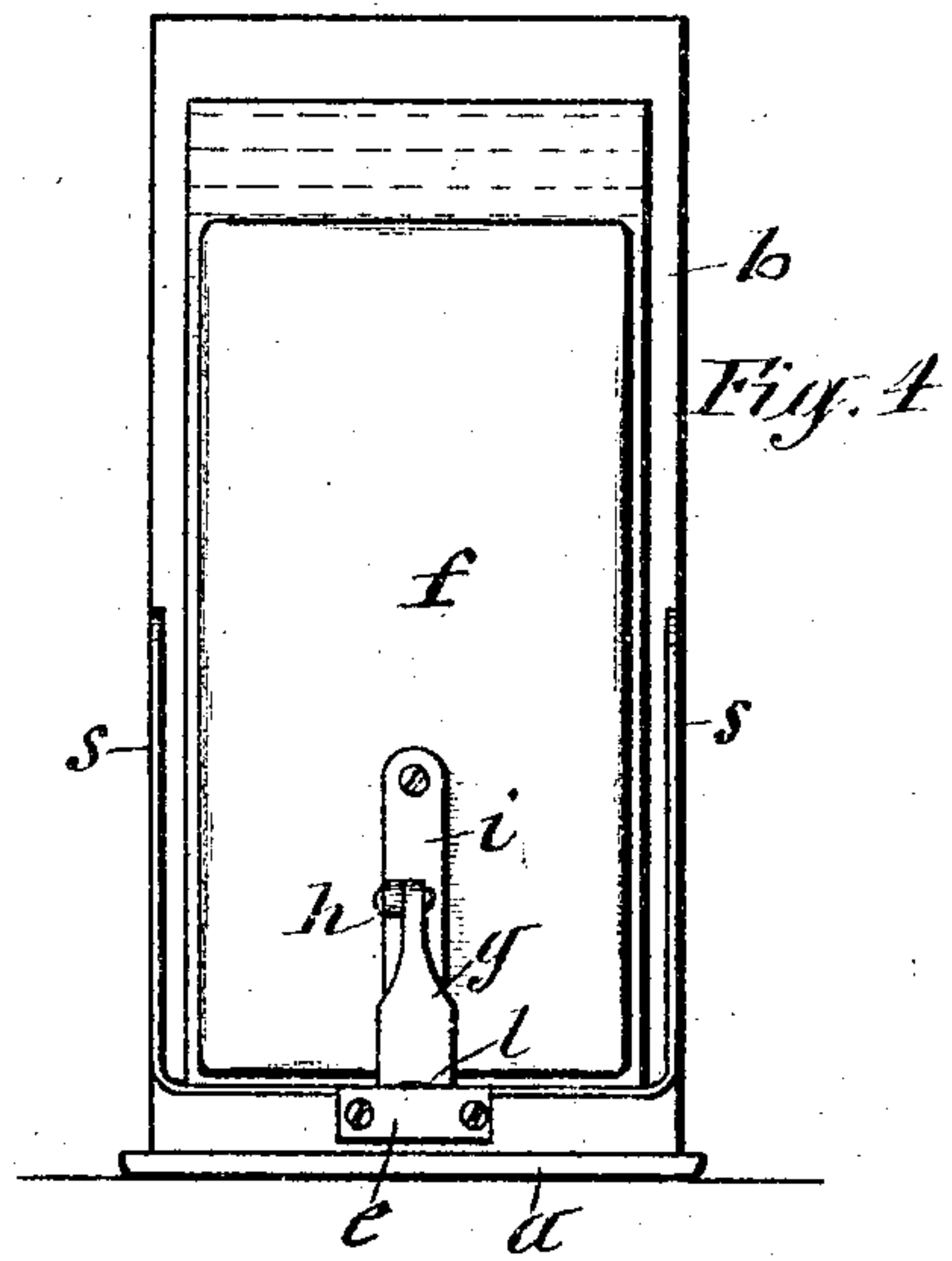
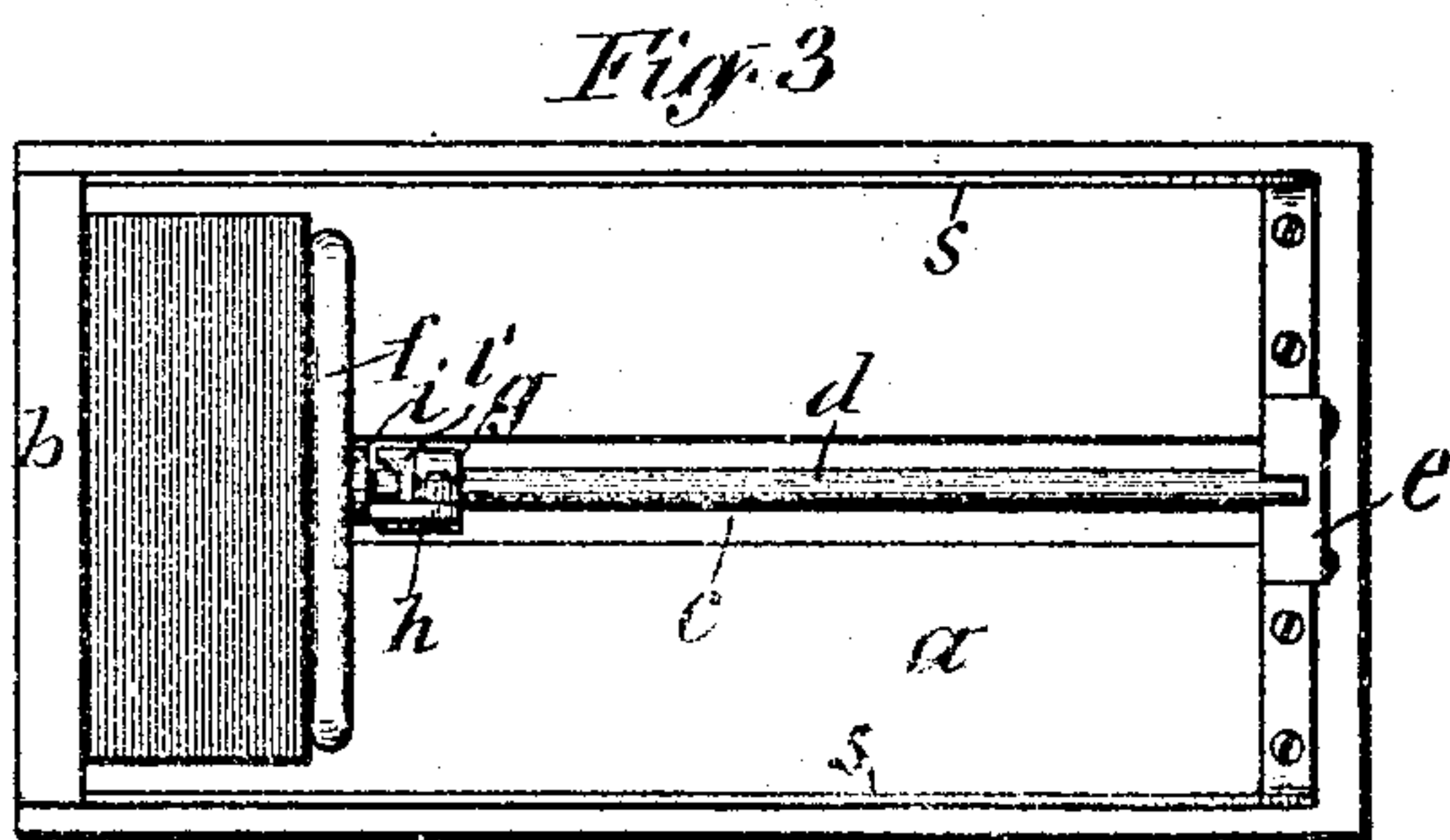
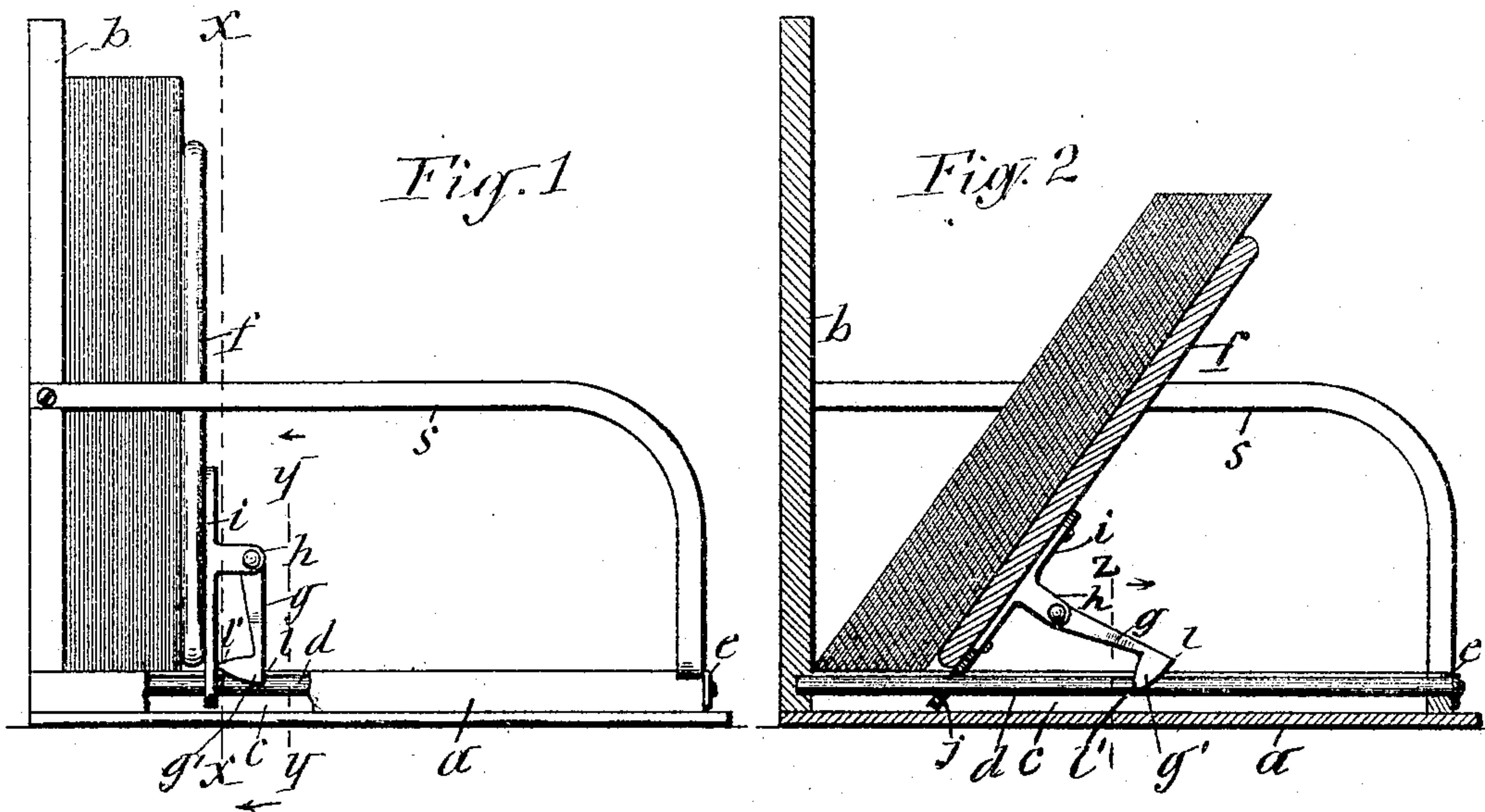
No. 764,645.

PATENTED JULY 12, 1904.

J. H. VAN HORN.
DOCUMENT FILE.

APPLICATION FILED AUG. 8, 1903.

NO MODEL.



WITNESSES:

J. J. Laass.

E. L. Meier.

INVENTOR

John H. Van Horn.

By E. Laass
ATTORNEY.

UNITED STATES PATENT OFFICE.

JOHN H. VAN HORN, OF SYRACUSE, NEW YORK.

DOCUMENT-FILE.

SPECIFICATION forming part of Letters Patent No. 764,645, dated July 12, 1904.

Application filed August 8, 1903. Serial No. 168,737. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. VAN HORN, a citizen of the United States, and a resident of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Document-Files, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

The object of this invention is to provide simple, inexpensive, convenient, and efficient means for properly filing documents and for affording ready access for selecting, removing, and replacing the documents in the file; and to that end the invention consists in the improved construction and combination of the component parts of the file, as hereinafter fully described, and set forth in the claims.

In the annexed drawings, Figure 1 is a side view of a document-file embodying my invention and showing the same holding documents compactly filed. Fig. 2 is a vertical longitudinal section showing the same in condition to allow the documents to be removed or examined. Fig. 3 is a plan view. Fig. 4 is a front end view. Figs. 5 and 6 are vertical transverse sections on lines X X and Y Y, respectively, in Fig. 1 viewed in the directions of the arrows; and Fig. 7 is a vertical transverse section on line Z Z in Fig. 2 viewed in the direction of the arrow.

a represents the bed-plate of the file, to one end of which is rigidly secured at right angles the back plate *b*, braced by means of stays *s s*, which extend parallel lengthwise of the bed-plate at an elevation therefrom and are fastened at their ends to the said plates. The bed-plate is provided with a longitudinal groove *c*, containing the guide-rod *d*, which is secured in its position by the ends of the rod inserted in suitable sockets, one of which may be formed in one of the tenons by which the back plate *b* is fastened to the bed-plate *a*. The other of the aforesaid sockets is preferably formed by providing the front end wall of the groove with a recess in which the rod is seated and providing a plate *e*, confining the rod in said seat.

f denotes the breast, which is disposed transversely between the stays *s s* and serves

to confine the documents in their desired position in the file. The breast *f* is adjustable to either confine the file of documents compactly between it and the back plate *b* or to afford convenient access to the documents for selecting, removing, and replacing them in the file. The aforesaid adjustability of the breast I obtain by means of a dog *g*, pivotally connected to an arm *h*, projecting from a plate *i*, fastened to the breast *f*. The lower end of the plate *i* is formed with a vertically-elongated eye *j*, through which the guide-rod *d* passes, and thus retains the breast on said rod on which it rides. The dog *g* is provided at its free end with two jaws *l* and *l'*, one of which is directly under the end of the dog and the other is formed in a rearward extension *g'*. The said jaws are so disposed that only one at a time is allowed to engage the guide-rod *d*.

The engagement of the jaw *l* serves to sustain the breast *f* at right angles from the bed-plate *a* and is employed to retain the documents compactly in the file between the said breast and back plate *b*. By throwing said jaw out of engagement the breast *f* is allowed to fall with its top forward, and thus release the file of documents, which can then be placed on the inclined breast to afford convenient access to the file. In placing the breast in said inclined position the jaw *l'* is caused to engage the rod *d*, and thereby support the breast. Both of the aforesaid jaws are formed with sharp engaging edges to allow them to obtain a secure hold on the rod *d*, which is of ordinary cylindrical form and dispenses with the use of a ratchet. One of the principal functions of the jaw *l'* is to maintain the dog in proper position over the rod *d* to insure engagement of the jaw *l* with the rod in the movement of the breast to its vertical position.

What I claim as my invention is—

1. The combination of the bed-plate provided with a longitudinal groove, a guide-rod disposed in said groove, a back plate fastened to one end of the bed-plate, a breast disposed movably on the bed-plate, a plate attached to said breast and provided with an eye receiving through it the said guide-rod, and a dog pivotally connected to the breast and termi-

nated in bearings disposed one in front of the other and engaging the aforesaid guide-rod substantially as set forth.

2. In a document-file, the combination of the
5 bed-plate provided with a longitudinal groove,
a back plate secured to one end of said bed-
plate, parallel stays extending lengthwise of
the bed-plate and at an elevation therefrom,
a rod disposed stationary in the aforesaid
10 groove, a breast disposed between the afore-

said stays, a plate attached to the breast and provided with an eye receiving the rod through it, and a dog pivotally connected to said plate and formed with two jaws for engaging the rod as and for the purpose set 15 forth.

JOHN H. VAN HORN.

Witnesses:

J. J. LAASS,

W. H. MEIER, Jr.