

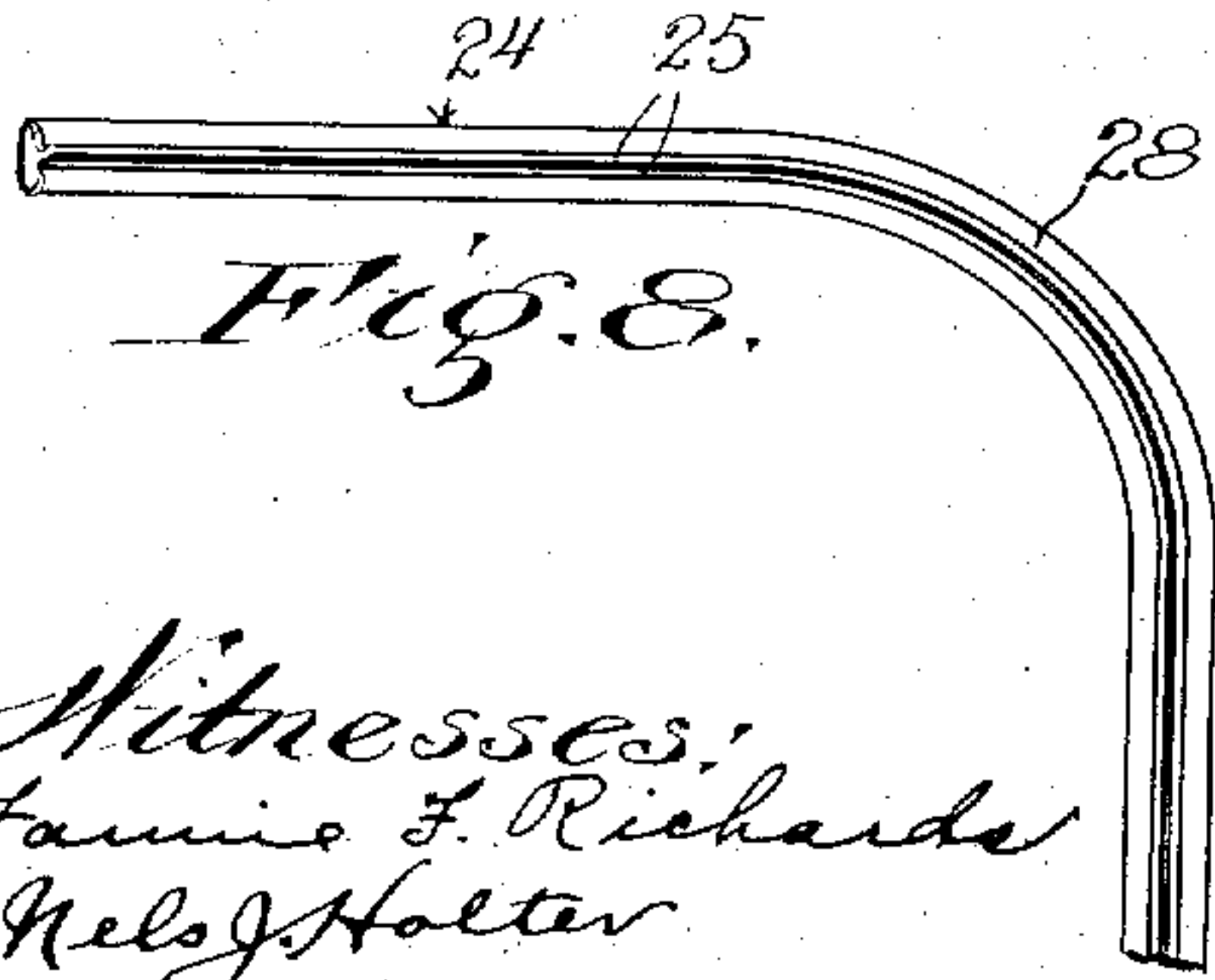
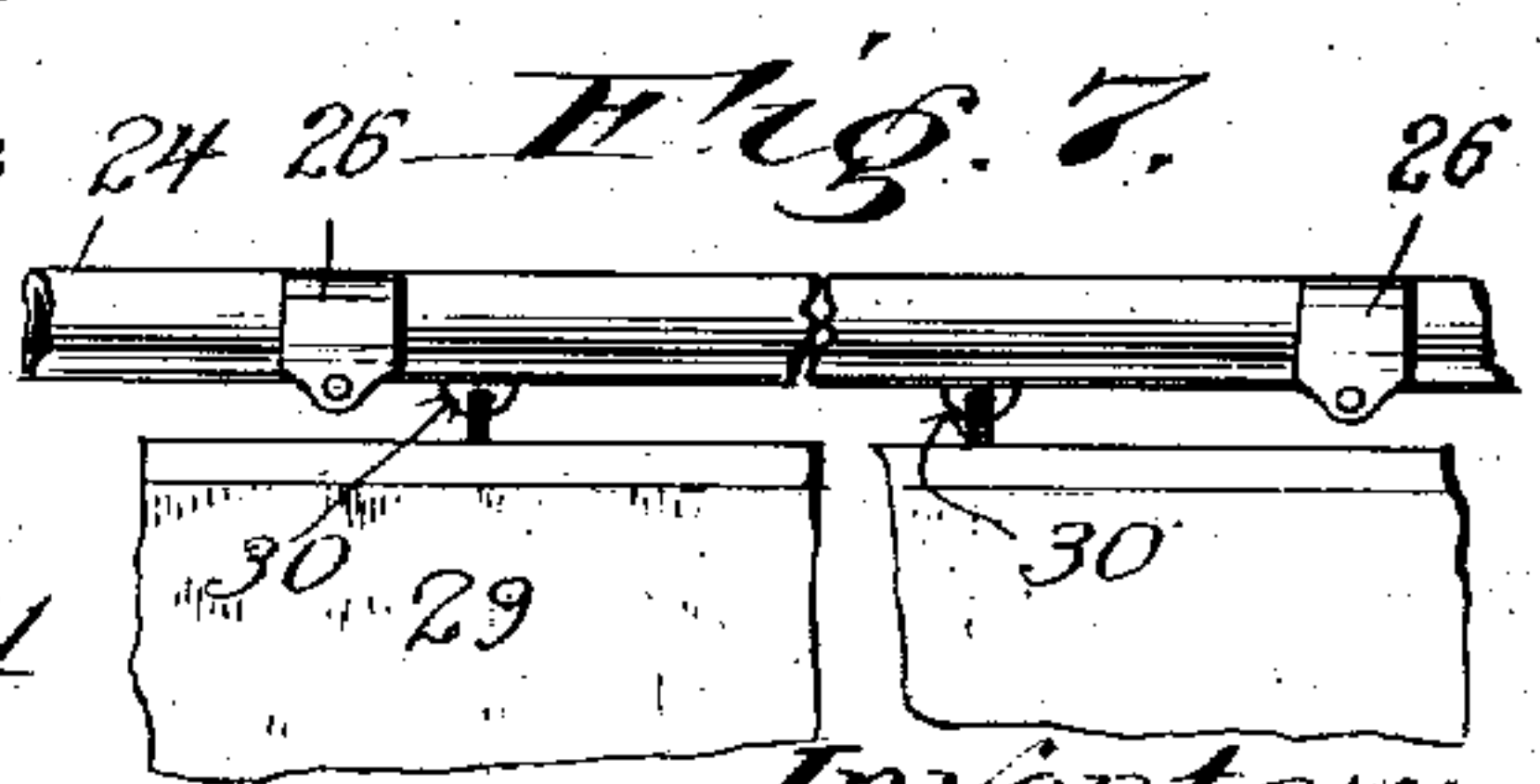
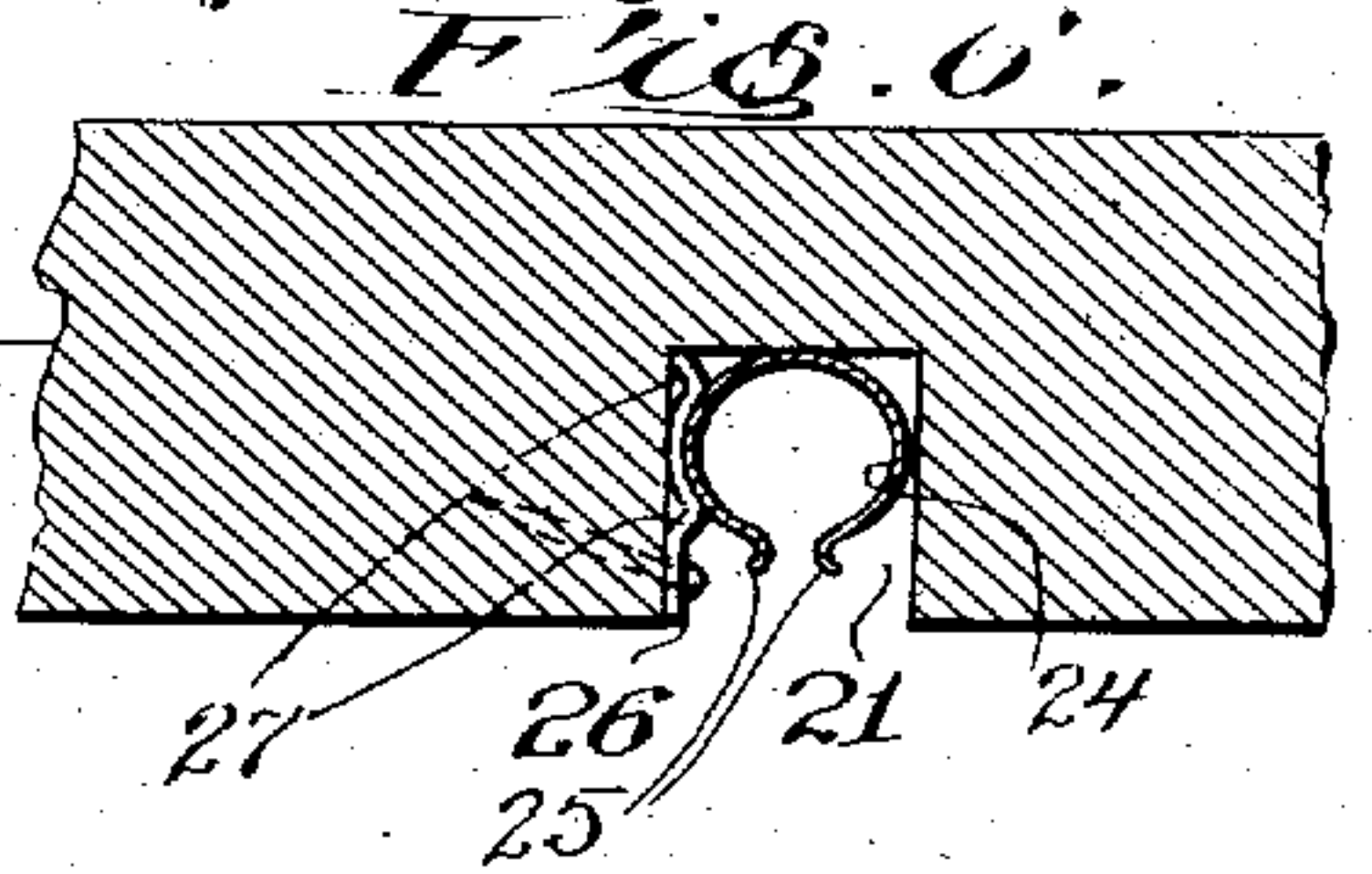
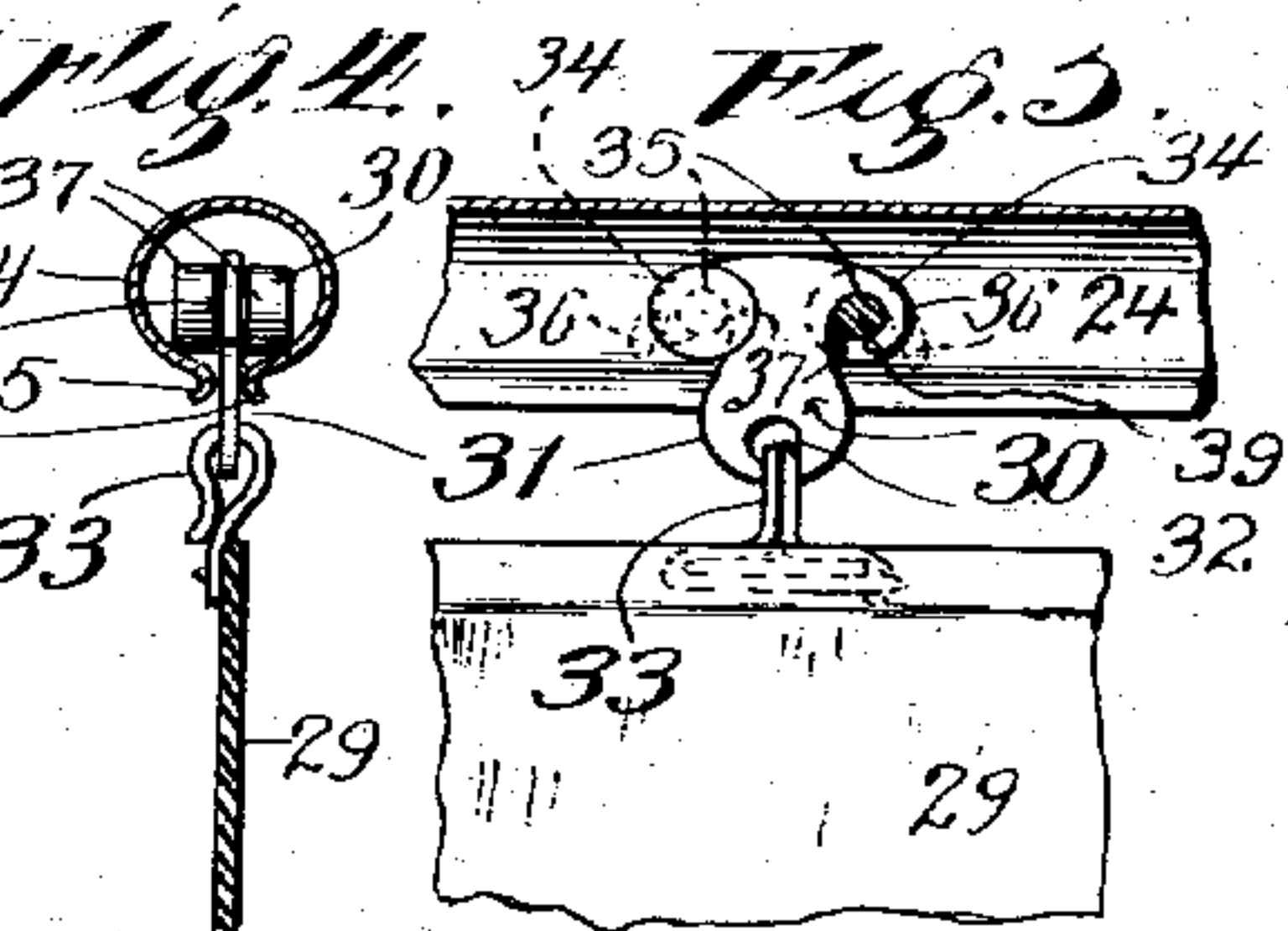
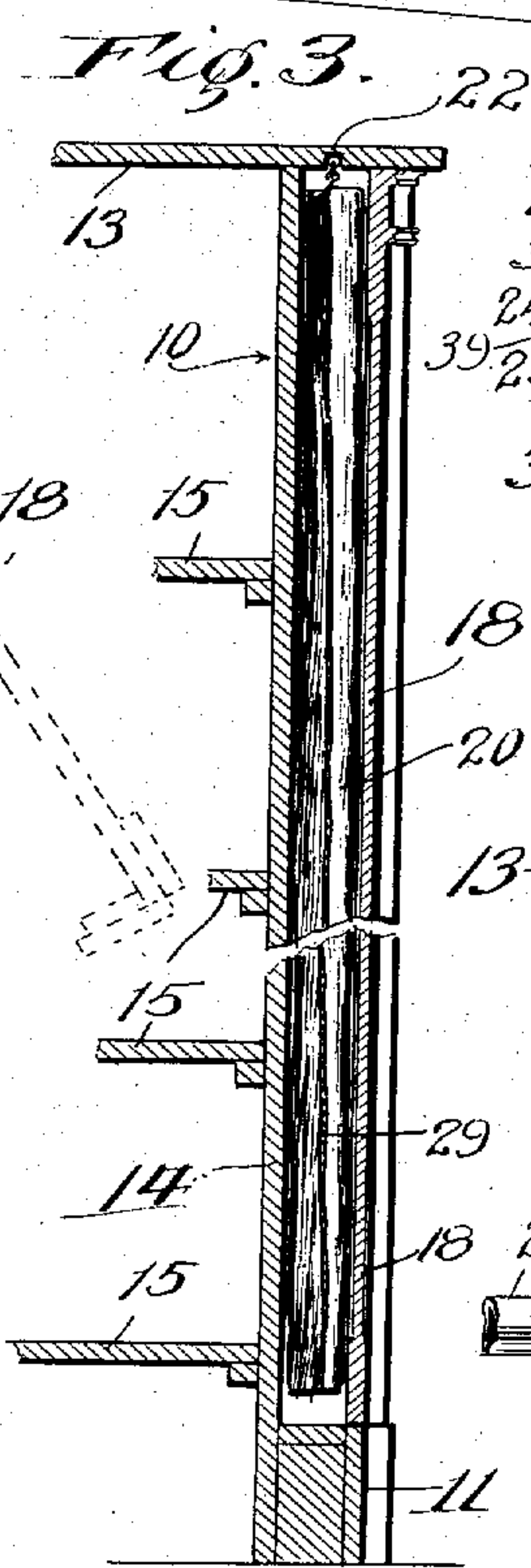
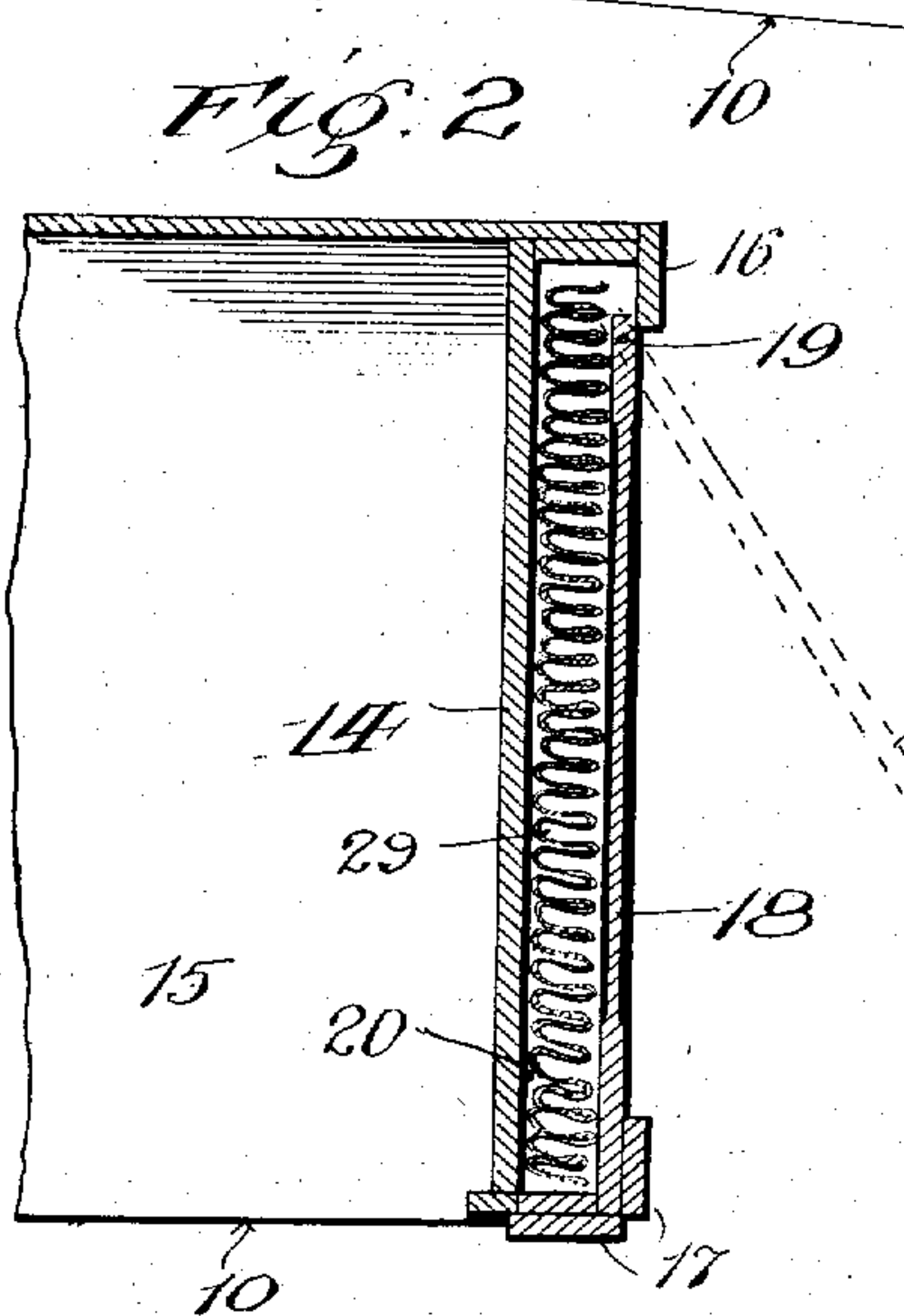
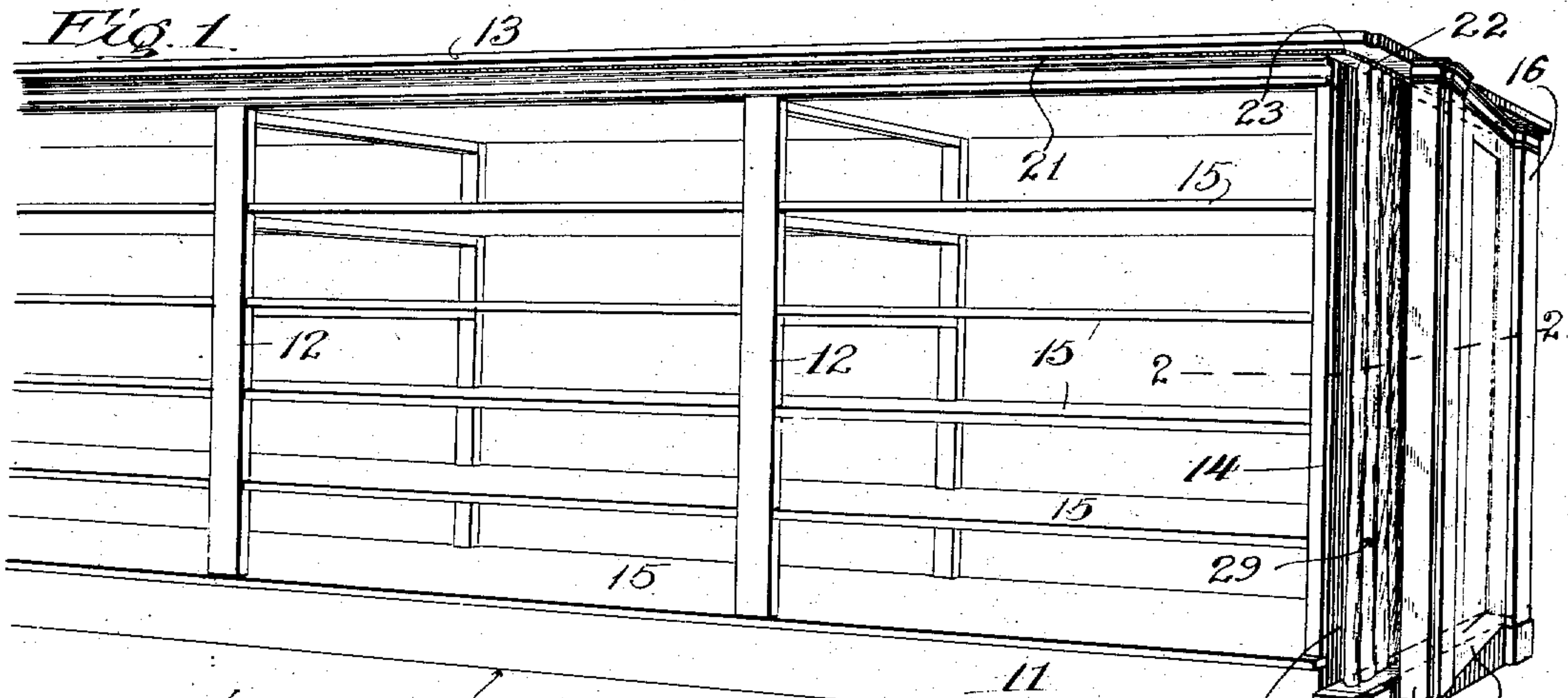
M. TAUSSIG.

SHELVING.

APPLICATION FILED FEB. 5, 1909.

934,475.

Patented Sept. 21, 1909.



Witnesses:
Fannie F. Richards
Nels J. Holter

Inventor:
Maurice Taussig
64 Charles O. Shervey

UNITED STATES PATENT OFFICE.

MAURICE TAUSSIG, OF CHICAGO, ILLINOIS.

SHELVING.

934,475.

Specification of Letters Patent. Patented Sept. 21, 1909.

Application filed February 5, 1909. Serial No. 476,206.

To all whom it may concern:

Be it known that I, MAURICE TAUSSIG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Shelving, of which the following is a specification.

This invention relates to shelving, and more particularly to that class of shelving known as store fixtures wherein a plurality of shelves are supported in a suitable frame and a curtain is provided for inclosing the wares in the shelving after hours. In the ordinary forms now in use, the curtain, or a section of the support upon which it is hung, is made detachable so that the curtain may be entirely removed from the shelving, whenever it is desired to expose the shelving to view, and in another form a large cabinet is provided on one end of the shelving and adapted to receive the curtain. When a construction is used in which the curtain is removed, space must be furnished in which to store the same and when a cabinet is provided upon the end of the shelving, considerable space is taken up on account of the extra length that is added to the shelving. It is quite apparent that economy of space is an important factor in commercial establishments, and one of the objects of my invention is to save space and to such end I provide an extremely narrow pocket upon one or both ends of the shelving which pocket shall be no wider than the ornamental pilaster at the corner of the shelving, which is usually from two to four inches wide. The pocket is closed by a door or removable panel which opens up to expose the entire pocket, which is adapted to receive and hold a slidable curtain.

The invention further consists in the several novel features of construction and arrangement of parts, of which a description will be found in the following specification and the essential features of which will be more definitely pointed out in the claims appended hereto.

The invention is clearly illustrated in the drawings furnished herewith, in which—

Figure 1 is a perspective view of a fragment of a shelving containing my improvements, the curtain being shown as slid in to the pocket and the door of said pocket be-

ing shown slightly ajar. Fig. 2 is a horizontal section taken on the line 2—2 of Fig. 1, showing the door closed in full lines and partly open in dotted lines, Fig. 3 is a vertical, longitudinal, section through a fragment of the shelving and pocket, Fig. 4 is a detail cross section through a form of track used in this device and showing a hanger in end elevation, Fig. 5 is a view partly in side elevation and partly in longitudinal section of the parts seen in Fig. 4, Fig. 6 is a detail cross section taken through the top of the shelving and illustrating the preferred method of securing the track upon the shelving, Fig. 7 is a side view of a fragment of the track and curtain and Fig. 8 is an underplan view of a fragment of the track showing a bend therein which occurs at the corner of the shelving.

Referring to the drawings 10, represents a set of shelving of the ordinary form, and as shown comprises a base 11, pilasters 12, 16, 17, a top 13, end walls 14, and shelves 15. The shelves may be supported in the device in any suitable manner well known to those skilled in the art. The corner pilasters, one of which is shown at 16, are stationary, that is they are rigidly secured to the fixed or stationary portion of the shelving, but the end pilaster 17, at either or both front corners thereof, is movable and as shown forms a part of a swinging door 18, which is hinged to the structure at 19, so that it may be swung into place as seen in full lines in Fig. 2, or swung out to expose the entire pocket 20, which is formed between the end wall 14, of the shelving and the door 18. The end pilasters form the ornamental corners of the shelving and are in actual use from two to four inches wide, and consequently the pocket between the end wall and door is extremely narrow and takes up no additional space because of the fact that it is located between the exterior finishing panel, which in this case is in the form of the swinging door 18, and the lining or inner wall 14. As shown, the door 18, extends between the base 11, and the top board 13, and when swung open exposes the entire pocket.

The top board 13, is formed with a longitudinal groove 21, which extends on the under side in that part of the top which projects beyond the edges of the shelves. A

transverse groove 22, is provided in the end of the top board that extends over the pocket 20, and this groove connects with the groove 21, through a curved groove 23. A track is supported in the grooves and as shown said track comprises a tube 24, having a continuous slot upon its lower side which slot is formed between two lips 25, as clearly shown in Fig. 4. The track is supported upon the top board by means of brackets 26, that are soldered or otherwise secured to the tubular portion of the track and fastened to the top board as for instance by screwing or nailing them thereto. The brackets are formed with flanges 27, which are arranged to bear upon one of the side walls of the slot, so as to properly position the track therein. At the junction between the longitudinal and transverse portion of the track the tube is bent around as seen at 28, in Fig. 8, so as to provide a continuous runway or track extending from end to end of the shelving and into the narrow pocket 20.

A curtain 29, is provided which is of a length to extend from end to end of the cabinet, or if a pocket is provided upon each end of the cabinet then it may be of one half the length of the cabinet if it is so desired. The curtain is slidably supported from the track by means of hangers 30, which are secured to the curtain at suitable distances apart. In the preferred form, each hanger comprises a plate 31, which is formed with an eye 32, through which may be hooked a pin or other fastening device 33, for attaching the curtain to the hanger. The upper end of the plate 31, of each hanger is formed with a plurality of hooked portions 34, having round bearing edges 35, and tongues 36. Rollers 37, are journaled in the plate 31, and said rollers are preferably arranged in pairs connected by a pin 39, of smaller diameter and preferably integral therewith. The rollers are secured in place by slipping the pins in between the tongues 36, and body of the plate, and then bending the tongues around the pins 39, as indicated in Fig. 5.

Shelvings are made in various lengths, sometimes being 30 to 40 feet long, and in order to accommodate a curtain of such length in a small narrow pocket, it is highly desirable that the entire pocket be exposed so that the curtain may be pulled into the pocket and adjusted and folded into neat and compact form; otherwise it would be a practical impossibility to get such a long curtain into a restricted space, unless additional curtain handling devices were added to pack the curtain into the pocket.

In operation, the curtain is drawn out of the pocket and drawn across the face of the shelving so as to inclose the wares, and this is usually done at the close of business hours, the wares being thus inclosed and protected

from dust etc. until the opening of business on the next day. When it is desired to expose the wares again, the door 18, is opened and the curtain drawn into the pocket; and inasmuch as the entire pocket is exposed, the person may adjust the curtain into folds or plaits so as to pack it into compact form, and this is continued until the entire curtain is drawn into the pocket, when the door may be closed. The advantages of this device consist in the fact that means are provided for containing the curtain without increasing the size of the shelving, or disfiguring or interfering with its form or scene of ornamentation. The pocket merely takes up such width of space as results from the use of the ornamental corner pilasters, generally ranging from 2 to 4 inches.

It is perfectly obvious that this invention is not limited to use in connection with store fixtures, but may be used upon book cases or any other set of shelving in which it is desirable to provide a sliding curtain for covering up the material supported by the shelving.

I am aware that various alterations and modifications of this device are possible without departing from the spirit of my invention, and I do not therefore desire to limit myself to the exact form of construction shown and described.

I claim as new and desire to secure by Letters Patent:

1. A shelving having a narrow, transversely extending pocket at one end, a swing-stantially the width of the corner pilaster, a door forming one wall of said pocket and adapted to be opened to expose the entire face of the pocket, and a sliding curtain supported by the shelving and adapted to be inclosed in the pocket.

2. A shelving having a narrow, transversely extending pocket at one end, a swinging door forming one wall of the pocket and a curtain slidably supported upon the shelving and adapted to be drawn into said pocket and inclosed therein.

3. A shelving, having a narrow pocket upon one end formed between the end wall of the shelving and a movable wall, said movable wall having a pilaster upon its front end which forms the corner of the shelving, and a curtain slidably supported upon the shelving and adapted to be drawn into said pocket.

4. A shelving having an end wall, front and rear pilasters at the corners of the end wall, a swinging door carrying one of said pilasters and closing a narrow, transversely extending pocket, and a curtain slidably supported upon said shelving and adapted to be drawn into said pocket.

5. A shelving having a suitable top board formed with a longitudinal and a transverse

groove in its under face which grooves are
connected by a curved portion, a track sup-
ported in said grooves, hangers running on
said track, a curtain secured to said hangers,
5 and a narrow, transversely extending pocket
at one end of the shelving which is closed on
one side and end by a door.

In witness whereof, I have subscribed my

name to the foregoing specification at Chi-
cago, Cook county, Illinois, this 25th day of 10
January A. D. 1909.

MAURICE TAUSSIG.

Witnesses:

WALTER J. FLESCH,
EUGENE W. P. FLESCH.

Correction in Letters Patent No. 934,475.

It is hereby certified that in Letters Patent No. 934,475, granted September 21, 1909,
upon the application of Maurice Taussig, of Chicago, Illinois, for an improvement
in "Shelving," an error appears in the printed specification requiring correction,
as follows: Page 2, line 99, the article and word "a swing-" should read *of sub-*;
and that the said Letters Patent should be read with this correction therein that
the same may conform to the record of the case in the Patent Office.

Signed and sealed this 19th day of October, A. D., 1909.

[SEAL.]

C. C. BILLINGS,

Acting Commissioner of Patents.

groove in its under face which grooves are connected by a curved portion, a track supported in said grooves, hangers running on said track, a curtain secured to said hangers,
5 and a narrow, transversely extending pocket at one end of the shelving which is closed on one side and end by a door.

In witness whereof, I have subscribed my

name to the foregoing specification at Chicago, Cook county, Illinois, this 25th day of 10 January A. D. 1909.

MAURICE TAUSSIG.

Witnesses:

WALTER J. FLESCH,
EUGENE W. P. FLESCH.

Correction in Letters Patent No. 934,475.

It is hereby certified that in Letters Patent No. 934,475, granted September 21, 1909, upon the application of Maurice Taussig, of Chicago, Illinois, for an improvement in "Shelving," an error appears in the printed specification requiring correction, as follows: Page 2, line 99, the article and word "a swing-" should read *of sub-*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 19th day of October, A. D., 1909.

[SEAL.]

C. C. BILLINGS,

Acting Commissioner of Patents.

It is hereby certified that in Letters Patent No. 934,475, granted September 21, 1909, upon the application of Maurice Taussig, of Chicago, Illinois, for an improvement in "Shelving," an error appears in the printed specification requiring correction, as follows: Page 2, line 99, the article and word "a swing-" should read *of sub-*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 19th day of October, A. D., 1909.

[SEAL.]

C. C. BILLINGS,
Acting Commissioner of Patents.