

No. 701,867.

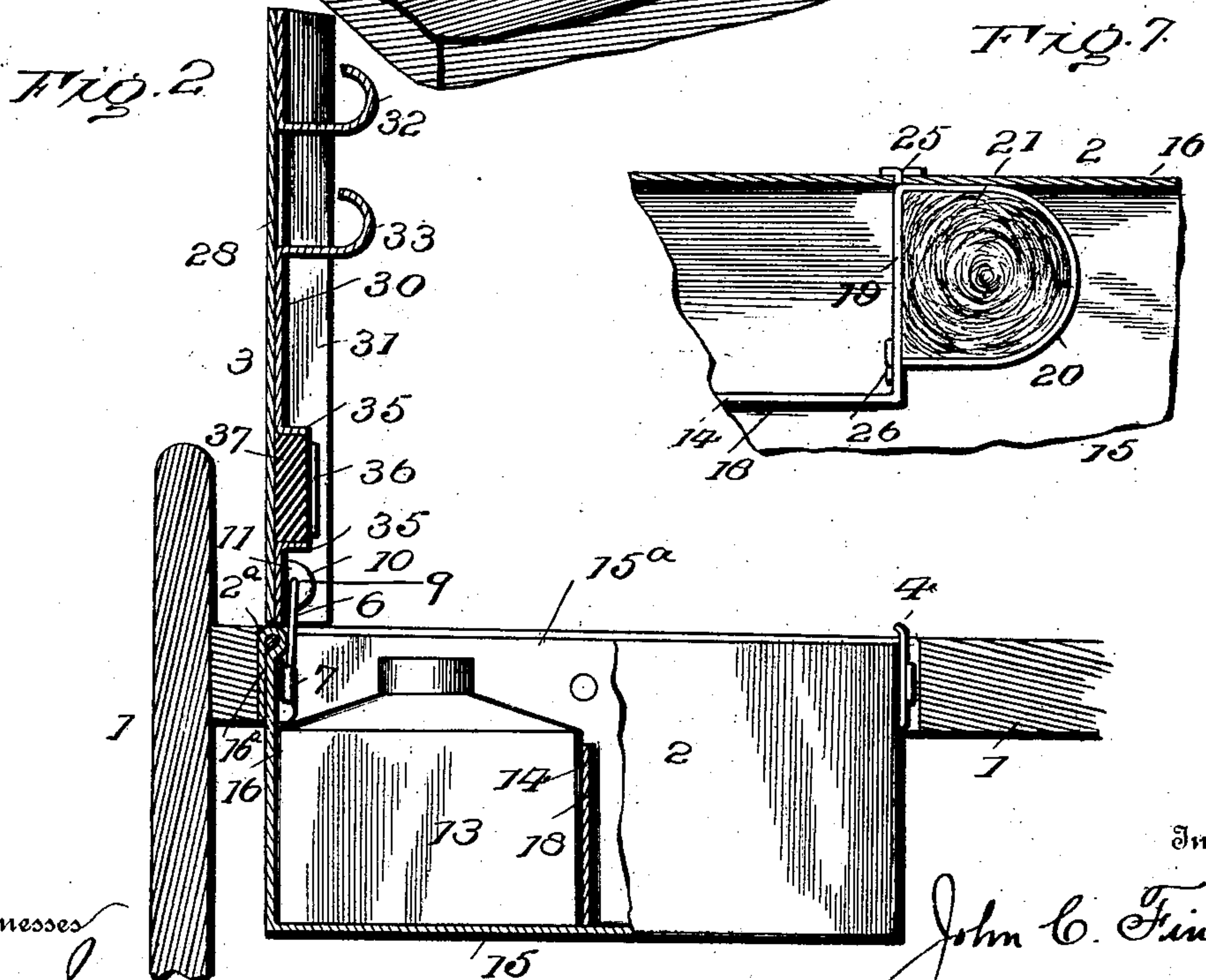
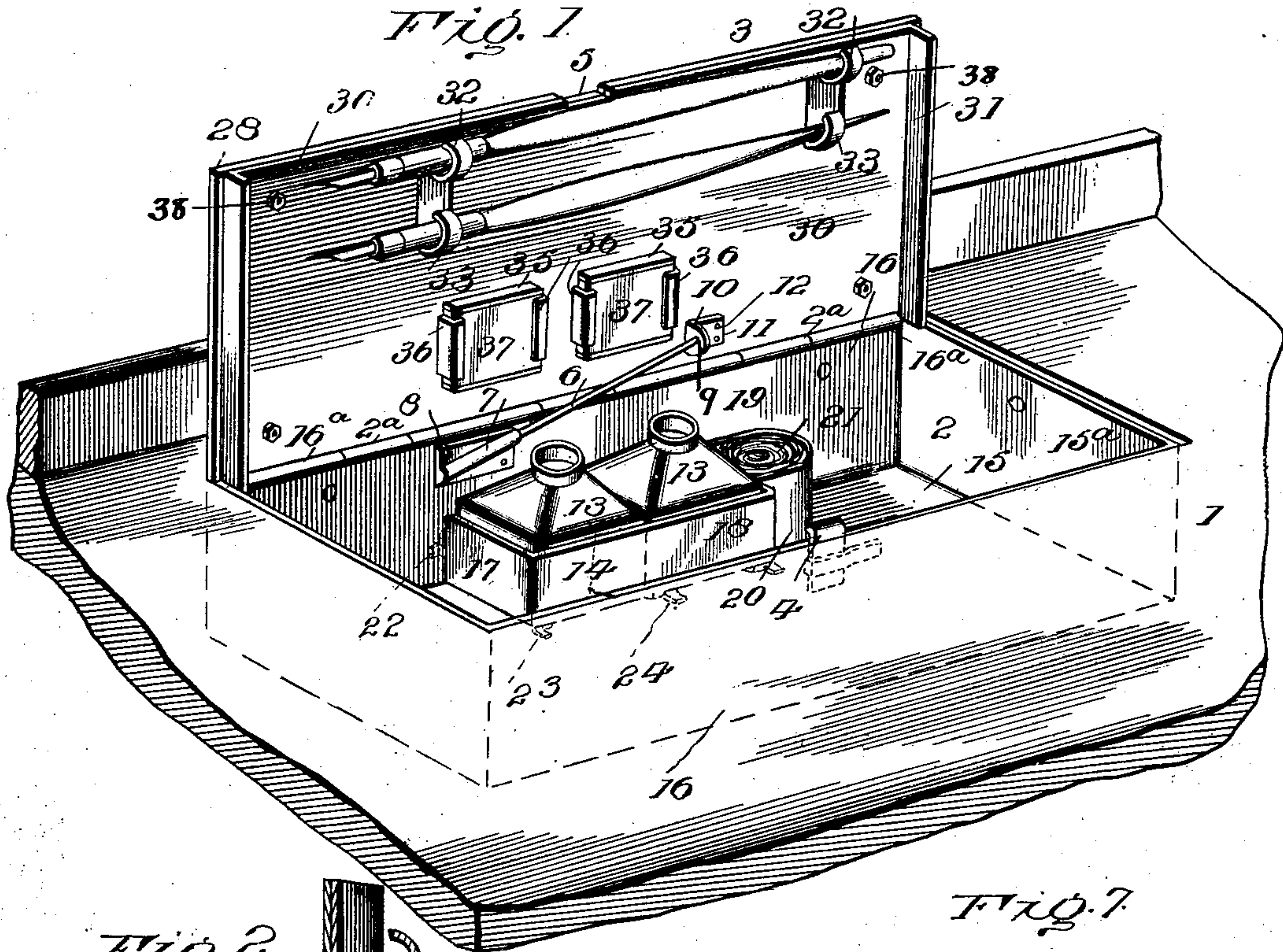
Patented June 10, 1902.

J. C. FINK.
WRITING ATTACHMENT.

(Application filed Feb. 5, 1901.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses
J. C. Fink
John C. Fink

Inventor
John C. Fink
By Thos. E. Robertson Attorney

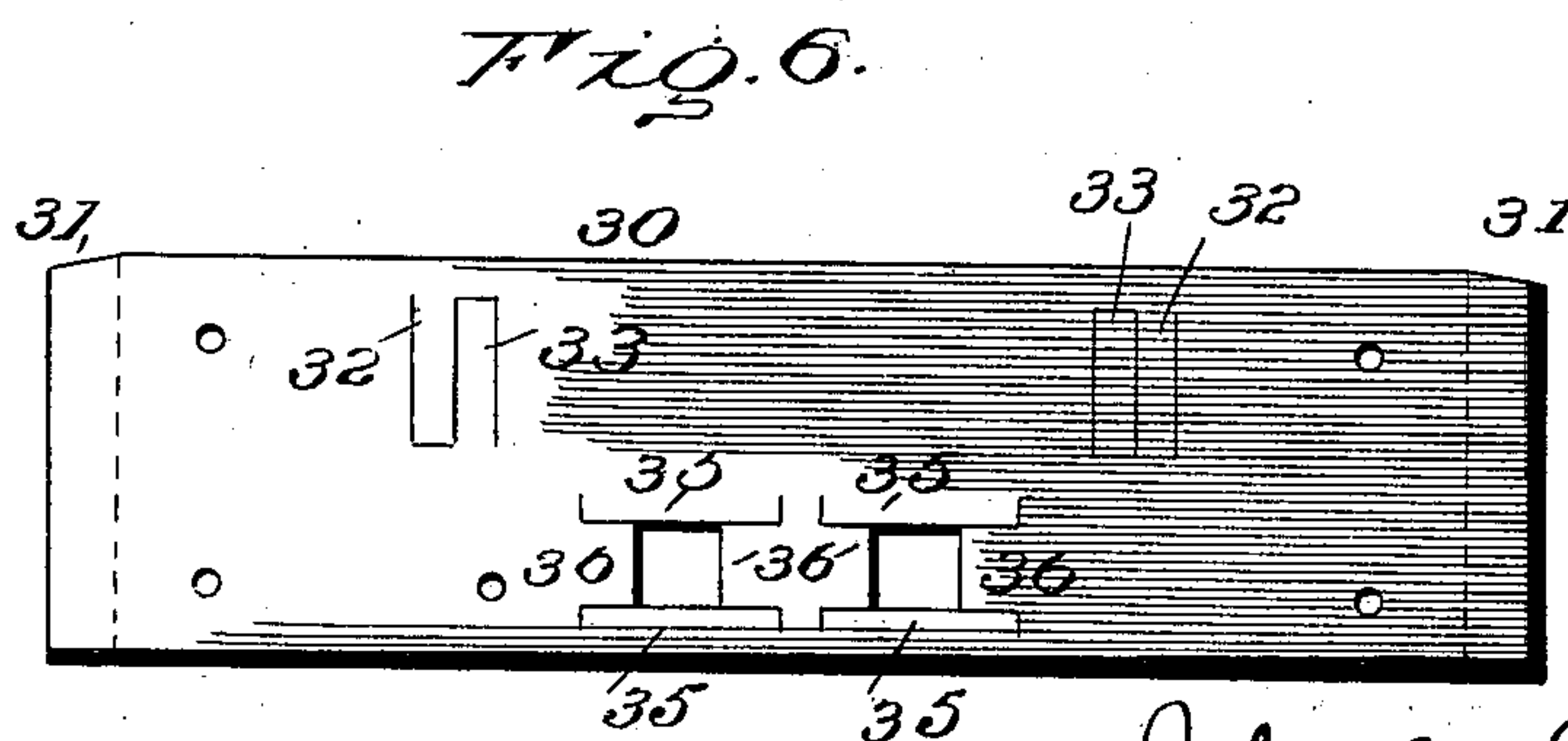
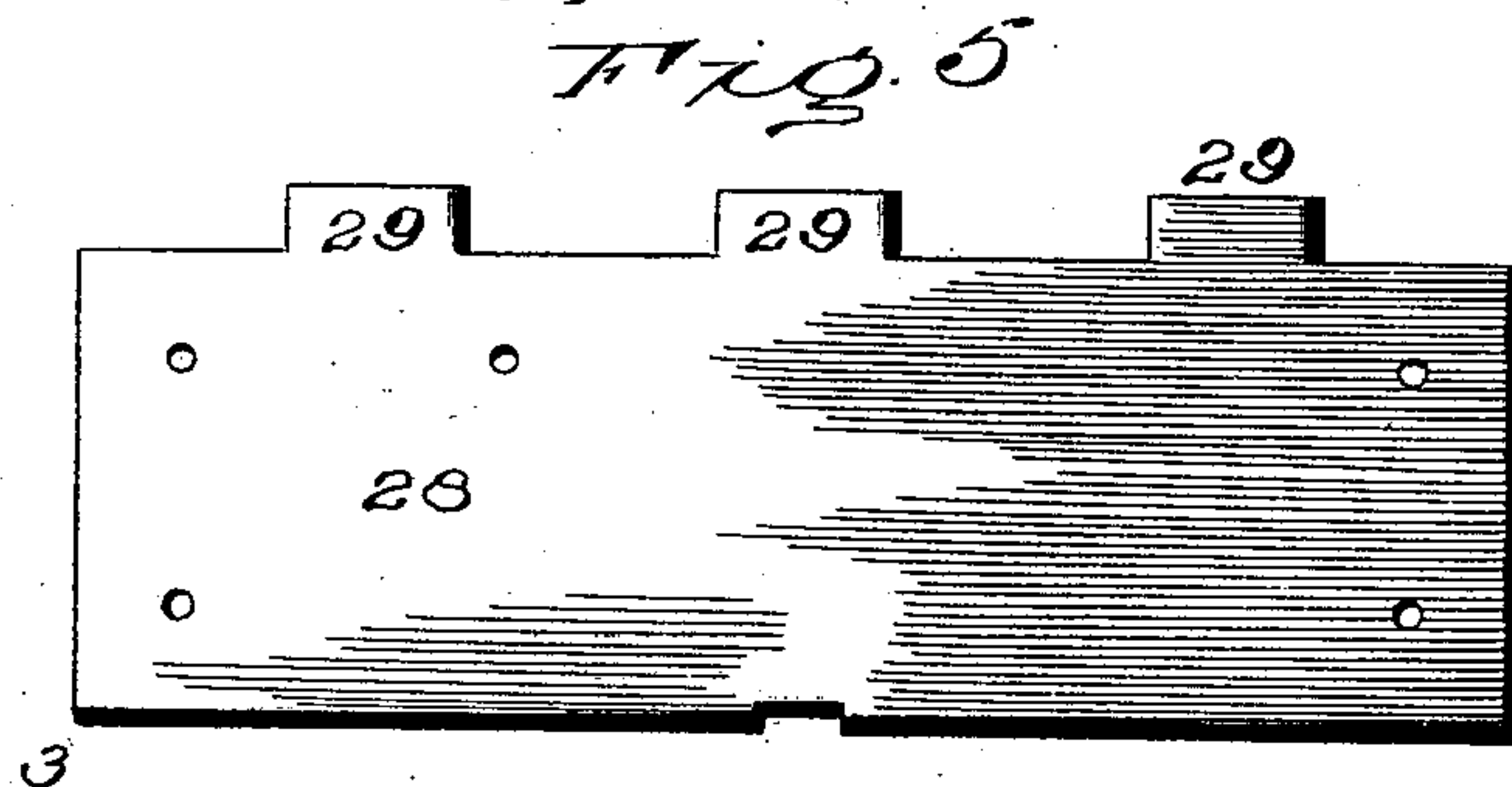
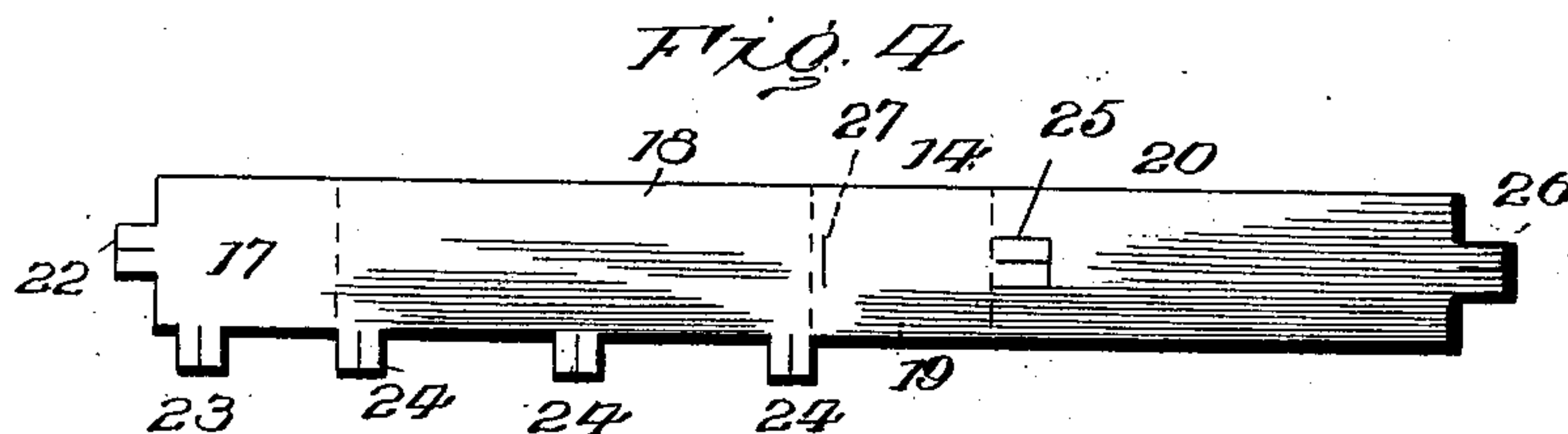
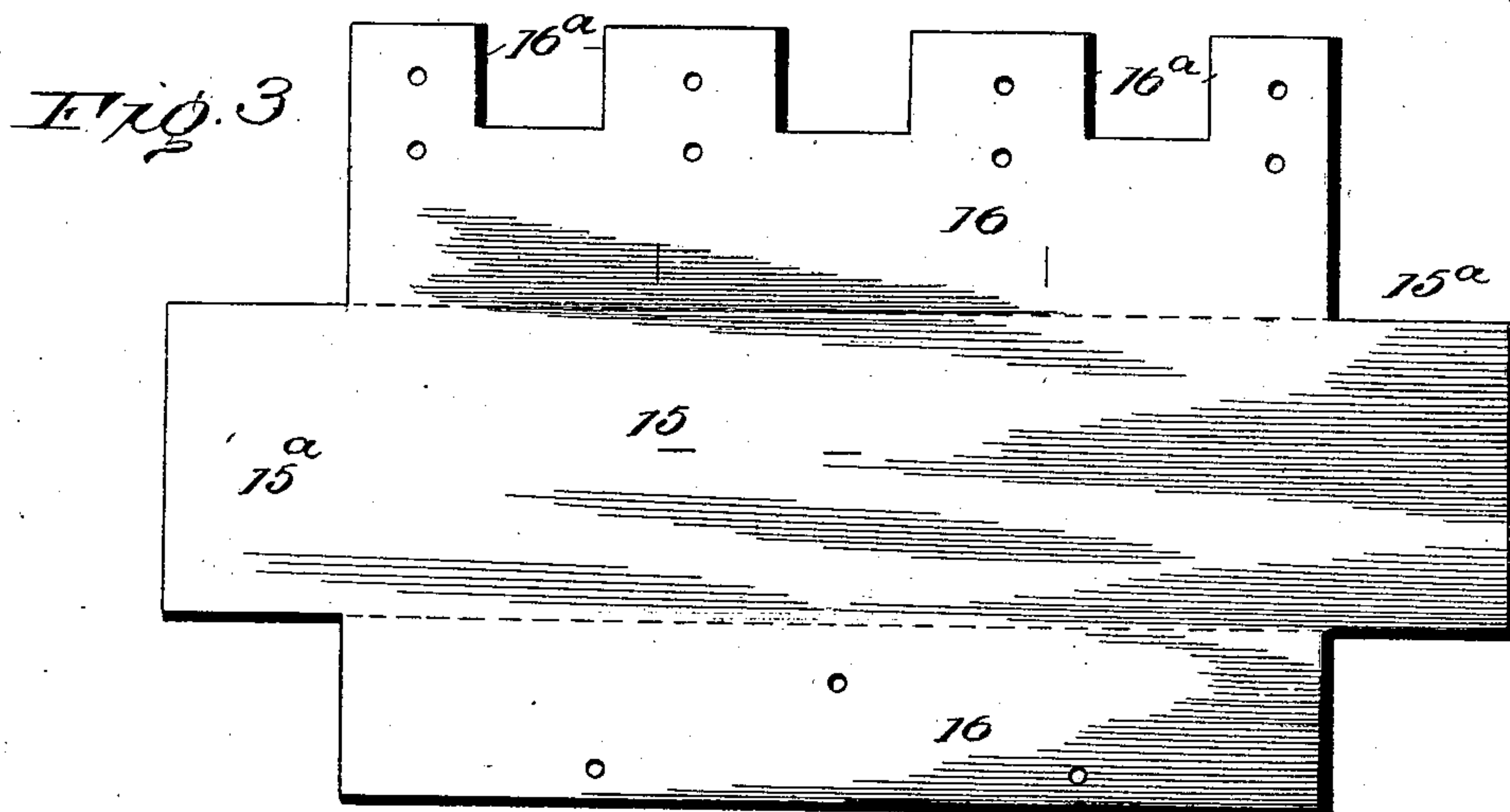
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WRITING ATTACHMENT.

(Application filed Feb. 5, 1901.)

(No Model.)

2 Sheets—Sheet 2.



Inventor

2 Witnesses

For Miss
Estewart Rice.

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5 John C. Fink,
Thos. E. Robertson. Attorneys

Thos. E. Robertson. Attorney

UNITED STATES PATENT OFFICE.

JOHN C. FINK, OF STEELTON, PENNSYLVANIA.

WRITING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 701,867, dated June 10, 1902.

Application filed February 5, 1901. Serial No. 46,102. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. FINK, a citizen of the United States, residing at Steelton, in the county of Dauphin, State of Pennsylvania, have invented a certain new and useful Improvement in Writing Attachments, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to an improvement in an attachment especially adapted for school-desks; and the object of the invention is to provide a desk with an attachment which when not in use is entirely out of the way and which can readily be brought into service immediately when necessary.

With this object in view my invention consists in the peculiar construction, arrangement, and combinations of parts hereinafter more particularly described and then definitely claimed at the end hereof.

In the accompanying drawings, which represent the preferable way of carrying out my invention, Figure 1 is a perspective view of part of a desk with my improvement applied thereto in its open position. Fig. 2 is a cross-section of the same. Figs. 3, 4, 5, and 6 are plan views of the blanks of which the different parts of my box are formed. Fig. 7 is a detail of the pen-wiper.

Referring now to the details of the drawings by numerals, 1 indicates part of a desk, which may be of the ordinary or any preferred form, and 2 a sheet-metal box or receptacle sunk into an opening in the desk, so that the cover 3 is flush with the top of the desk when the said cover is held in its closed position by means of the spring-catch 4. (Shown in Figs. 1 and 3.) This spring-catch is so arranged that when the cover 3 is forced down by the hand the catch will engage the notch 5 in the cover, and thereby lock the cover closed and flush with the top of the desk.

On the inside of the cover 3 I provide means for automatically opening the cover and holding it in its open position when the box is all ready for use; this means comprising a spring 6, one end of which is held firmly in position by a suitably-formed plate 7, secured to the side of the box by means of rivets or screws 8, and the free end of this spring works or plays through the opening 9 on an ear or lug 10, formed on a plate 11, which latter is rigidly

secured to the cover, as shown at 12. The tension of this spring 6 is such as to always tend to open the cover 3, so that immediately on releasing the spring-catch 4 the cover will automatically fly open, and the spring 6 will of course hold it in the open position until the cover is again closed by the person using the box. It should be mentioned that this cover is hinged to the box 2 at 2^a. The box or receptacle proper is formed of the blank shown in Fig. 3 and comprises a bottom 15, ends 15^a, and sides 16, the rear side having portions 16^a, which are bent to form part of the hinge 2^a, heretofore mentioned.

Within the box 2 I preferably provide two ink-wells 13, which are held in position by means of the sheet-metal frame 14, the blank for which comprises a strip of sheet metal of the shape shown in Fig. 4, wherein 17 forms one end, 18 the front side, 19 the other end, and 20 a part adapted to be bent in the shape shown in Fig. 1, so as to support and hold a pen-wiper 21 in position for use. The first end 17 is formed with fastening-fingers 22 and 23, the first pair of which pass through the back of the box and the pair marked 23 pass through a slit in the bottom of the box, the fingers being bent in opposite directions after passing through the slits, so as to fasten the end 17 in position. The side 18 is provided with similar fingers 24, which pass through slits in the bottom of the box in a similar manner. After the first end 17 and the side 18 are secured, as just described, the side 19 is secured to the back of the box by means of the fingers 25, and then the portion 20 is bent around from the back of the box to the corner formed by the vertical edge between the side 18 and the end 19. The fastening-fingers 26, projecting from the portion 20, are then passed through the slit 27, (shown in Fig. 4,) and the portion 20 is thereby secured. The cover is formed of the blanks 28 and 30, (shown in Figs. 5 and 6,) in which 28 indicates the cover proper, provided with projecting portions 29, which are curved into tubular form, so as to form a part of the hinge shown in Fig. 1. The part 30 (shown in Fig. 6) is provided with end portions 31, which are bent at right angles to the body portion 30, as shown in Fig. 1, and these portions 31 fit within the ends of the box when the cover is shut. This in-

ner portion 30 of the cover is also provided with pen-racks 32 33, which are formed by making cuts in the metal and curving the metal thus cut in opposite directions, as shown in Fig. 2. The blank for this inner portion 30 is also cut, as indicated at 34, and the metal thus cut is turned up and forms two sets of horizontal flanges 35 and two sets of end flanges 36. These two flanges are very clearly shown in Fig. 1 and by them is secured in position the strips of rubber 37, which are held in such position as to cover the mouths of the ink-wells 14 and 15 when the cover is shut. It should have been mentioned that the parts 28 and 30 are secured together by riveting or by bolts and nuts 38. (Shown in Fig. 1.)

From the foregoing and the accompanying drawings it will be seen that I have invented a combination writing outfit which is especially adapted to be placed near the upper edge of a school, business, or other desk, and is so formed as to be capable of being set in a desk so that it is flush with the same when the cover is closed. It will be seen that the cover can be opened in an instant and when open the pens will be right at hand for use, the ink-wells will be open, and the pen-wiper is always ready to be used effectively without holding it with the hand, as is required with the ordinary pen-wiper or sponge-cup. It will also be observed that as the receptacle is closed the ink-wells are likewise effectively shut against evaporation on account of the blocks of rubber coming against their mouths. The space between the frame holding the ink-wells in position and the front of the box is such as to be capable of holding lead-pencils, &c.

I have shown in the accompanying drawings the preferable form of carrying out my invention, but do not limit myself to the de-

tails of construction shown therein, it being obvious that a number of changes may be made without departing from the spirit of my invention.

What I claim as new is—

1. In a device of the character described, a receptacle, and a partition forming an ink-well inclosure within said receptacle comprising a sheet of metal bent to form a front and sides and secured to the bottom and sides of the receptacle, one end of said partition being bent around to form a pen-wiper inclosure connected to the end of said ink-well inclosure and forming a partition between the two inclosures, substantially as described.

2. In a device of the character described, a receptacle having a cover hinged thereto, a partition within the receptacle forming an inclosure for an ink-well, one end of said partition being bent around to form a pen-wiper inclosure connected to the end of said ink-well inclosure and forming a partition between the two inclosures, lugs projecting from the inside of the cover and arranged to support pen-holders, lugs also projecting from the inside of the cover and holding a closure or stopper for the ink-well contained in one of said inclosures, and means for holding said covers shut, whereby the said cover, when closed, supports the pen-holders and holds the ink-well closure or stopper against the mouth of the ink-well, substantially as described.

In testimony whereof I affix my signature, in the presence of two witnesses, this 31st day of January, 1901.

JOHN C. FINK.

Witnesses:

WM. M. HARGEST,
JOHN E. PATTERSON.