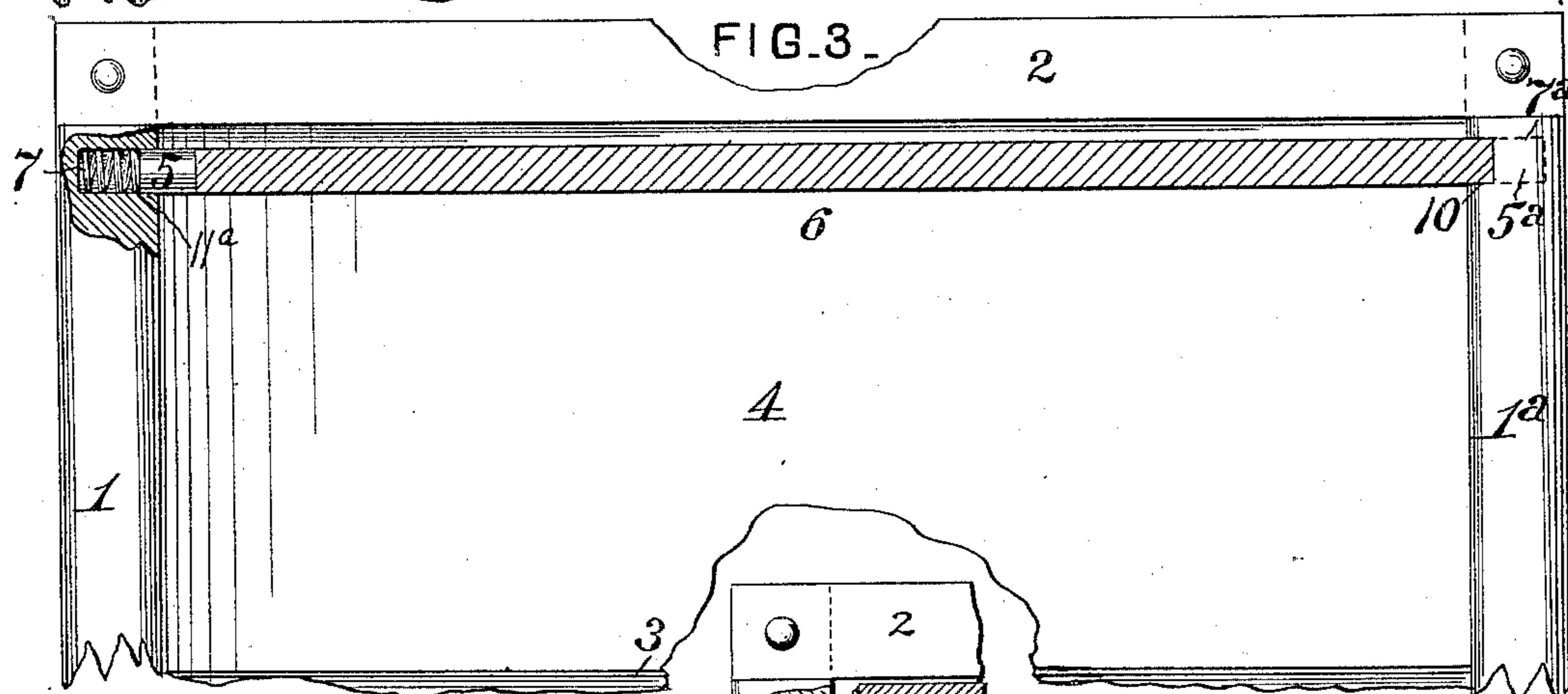
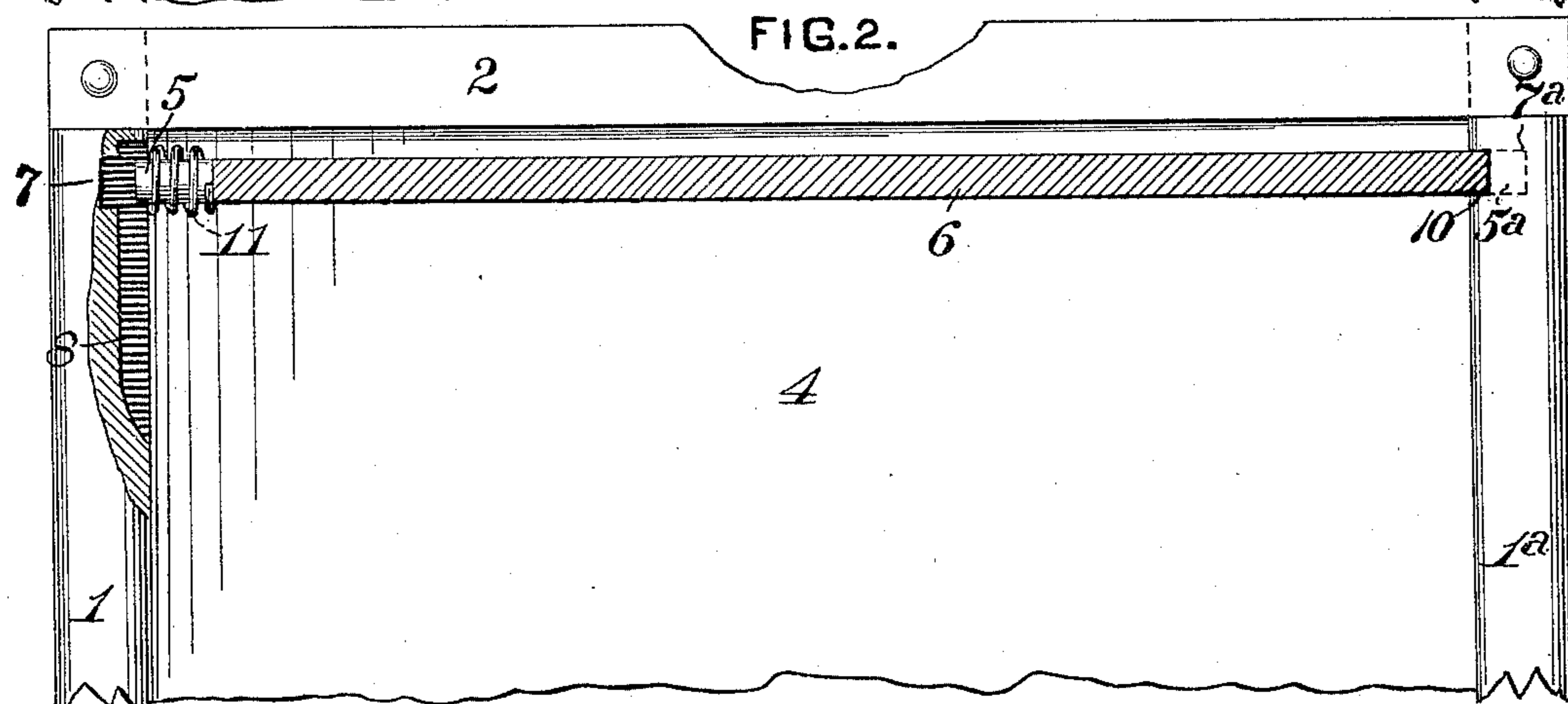
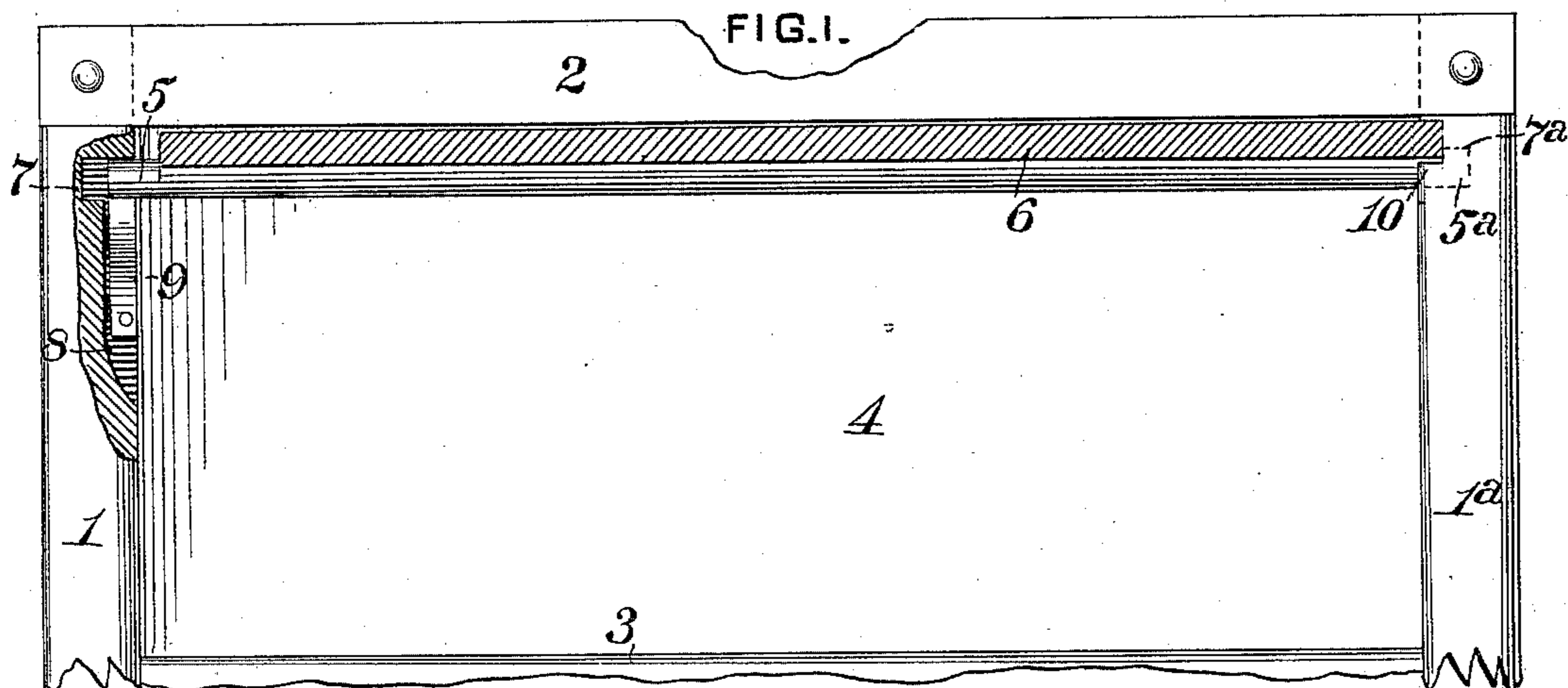


J. T. SARGENT.
WASH BOARD.

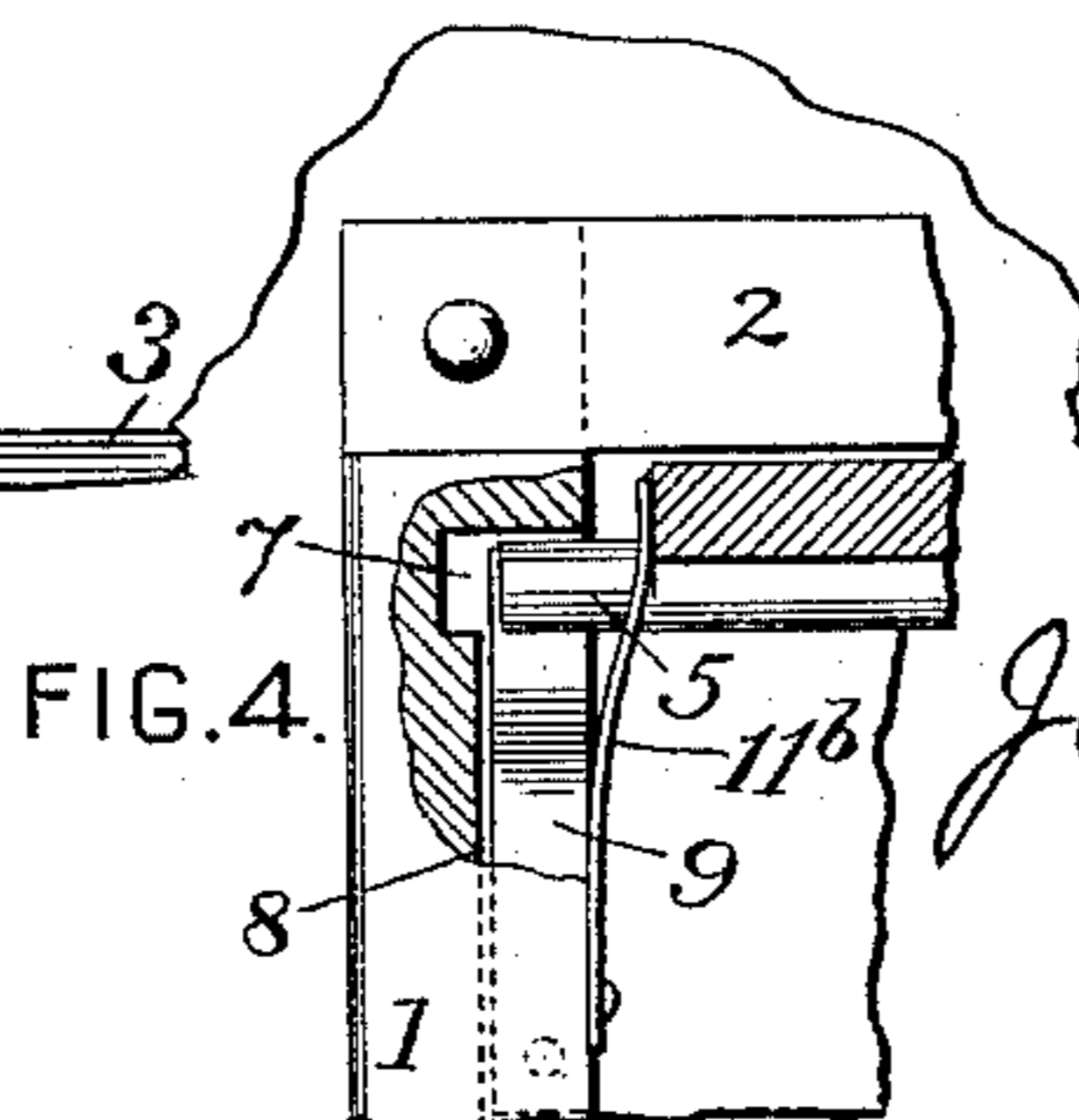
No. 467,438.

Patented Jan. 19, 1892



WITNESSES:

Danvers L. Wolcott
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INVENTOR,

James T. Sargent
by George H. Christy
Att'y.

Att'y.

UNITED STATES PATENT OFFICE.

JAMES T. SARGENT, OF CLEVELAND, OHIO.

WASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 467,438, dated January 19, 1892.

Application filed April 15, 1891. Serial No. 388,977. (Model.)

To all whom it may concern:

Be it known that I, JAMES T. SARGENT, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented or discovered a certain new and useful Improvement in Wash-Boards, of which improvement the following is a specification.

The invention described herein relates to certain improvements in wash-boards having pivoted protectors, and has for its object a lock for positively supporting the protector in its raised or operative position.

In general terms the invention consists in the construction and combination, as herein-after more fully described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a view in front elevation of a wash-board having my improvements applied thereto, the protector being shown in a raised position. Fig. 2 is a similar view showing a further feature of improvement. Fig. 3 is a view in front elevation of the usual construction having my improved protector-lock applied thereto, and Fig. 4 is a detail view showing the arrangement of one form of spring for shifting the protector longitudinally.

In the practice of my invention the wash-board is constructed in the usual manner, the soap-box at the top of the board being formed, as usual, by the side bars 1 1^a, head-piece 2, cross-bar 3, and brand-board 4. The pivot-pins 5 and 5^a of the protector 6 are journaled in sockets or seats 7 7^a, formed in the inner walls of the side bars adjacent to the head-piece. The socket 7^a at one end of the protector is so constructed relative to the journal or pivot-pin 5^a that the latter will fit loosely therein, permitting of a lateral movement of the opposite end of the protector.

In Figs. 1 and 2 a groove or recess 8 is shown extending along the inner wall of one of the side bars from the lower part of the socket or seat 7, so as to permit of the insertion and removal of the pivot-pins into their seats or sockets, the pivot-pin 5 being removably held up in its seat 7 by a spring 9, as shown in Fig. 1, or by one end of the coiled spring 11, as shown in Fig. 2. The construction whereby the protector can be inserted and removed

from position forms no part *per se* of the invention herein, but is the subject-matter of an application, Serial No. 388,976, filed April 15, 1891. One of these seats or sockets for the pivot-pins—as, for example, the seat or socket 7^a—is made of sufficient depth relative to the length of the pivot-pin to permit of a small longitudinal movement of the protector, and a notch 10 is cut in the side bar 1^a. This notch 10 is so located that the edge of the protector will, when the protector is raised to operative position and shifted longitudinally, enter the notch, thereby locking the protector in position. This longitudinal movement of the protector into engagement with the notch may be effected by means of a spring 11, which may be made in the form of a coiled spring surrounding one of the pivot-pins and interposed between the side bar 1 and the edge of the protector, as shown in Fig. 2.

In lieu of the coiled spring surrounding the pivot-pin, as above described, a piece of rubber or a small coiled spring 11^a may be inserted between the pivot-pin 5 and the bottom of the socket 7, as shown in Fig. 3, or a flat spring 11^b may be secured to the side bar 1, the free end of the spring bearing against the edge of the protector, as shown in Fig. 4.

In Fig. 3 my improved lock is shown as applied to a wash-board having the protector permanently, as distinguished from removably, attached thereto.

I claim herein as my invention—

1. In a wash-board, a pivoted folding protector adapted when in a raised position to be shifted in the direction of its length behind a shoulder or stop on one of the side bars, substantially as set forth.

2. In a wash-board, a pivoted folding protector adapted when in a raised position to be shifted longitudinally behind a shoulder or stop on one side of the side bars, and a spring for shifting the protector in the direction of its length, substantially as set forth.

In testimony whereof I have hereunto set my hand.

JAMES T. SARGENT.

Witnesses:

J. B. STOWE,

N. H. HILLIARD.