

(No Model.)

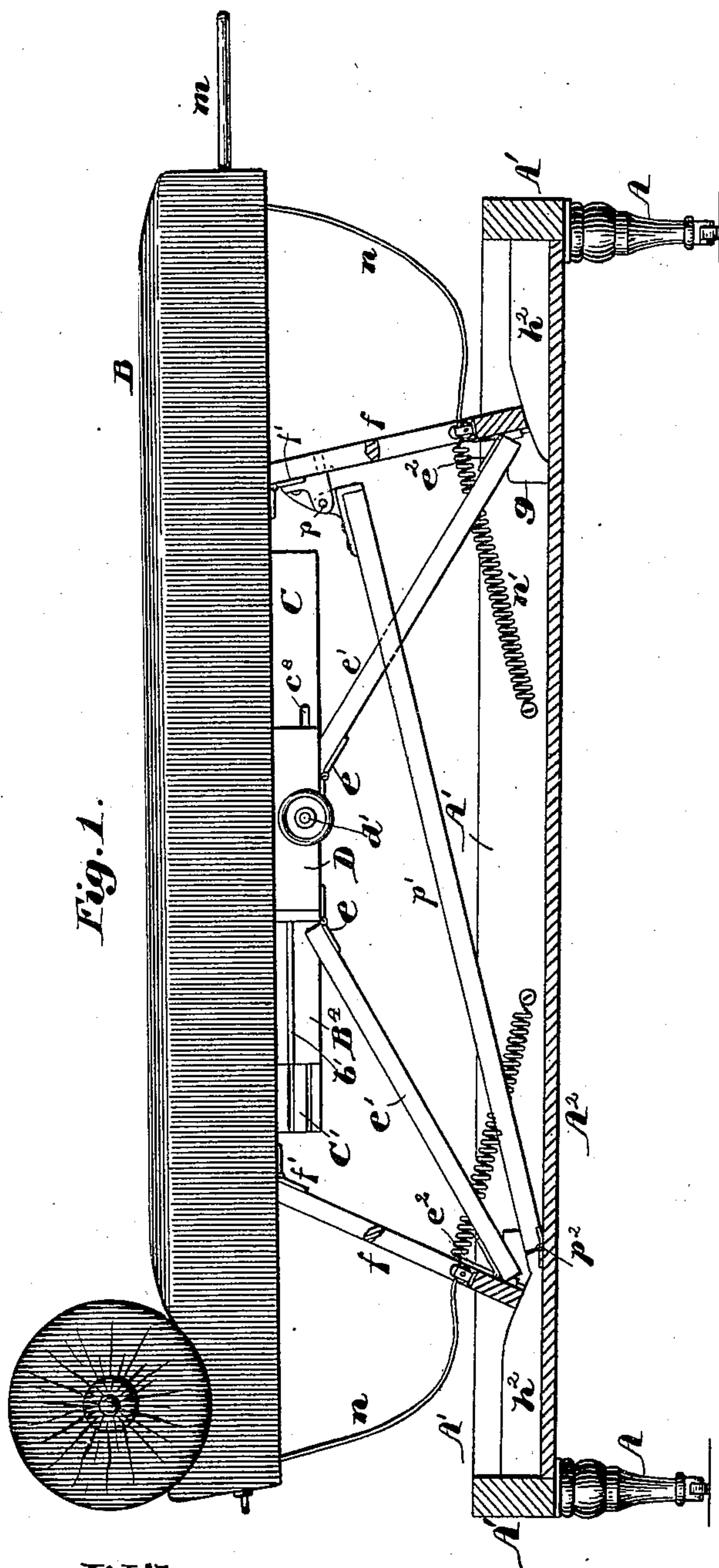
2 Sheets—Sheet 1.

S. STEVENS.
SURGICAL LOUNGE.

No. 601,762.

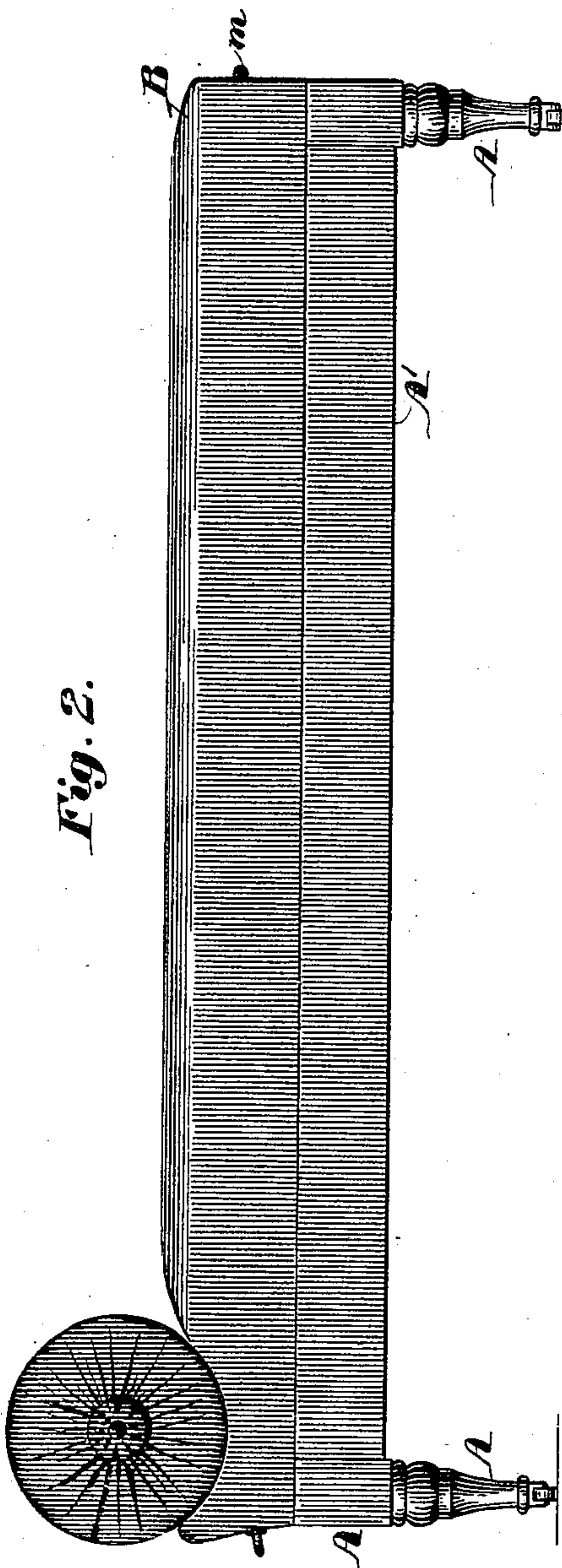
Patented Apr. 5, 1898.

Fig. 1.



Witnesses:
Walter E. Lombard.
Thomas J. Drummond.

Fig. 2.



Inventor:
Seriah Stevens,
by Crosby & Gregory
Attys.

(No Model.)

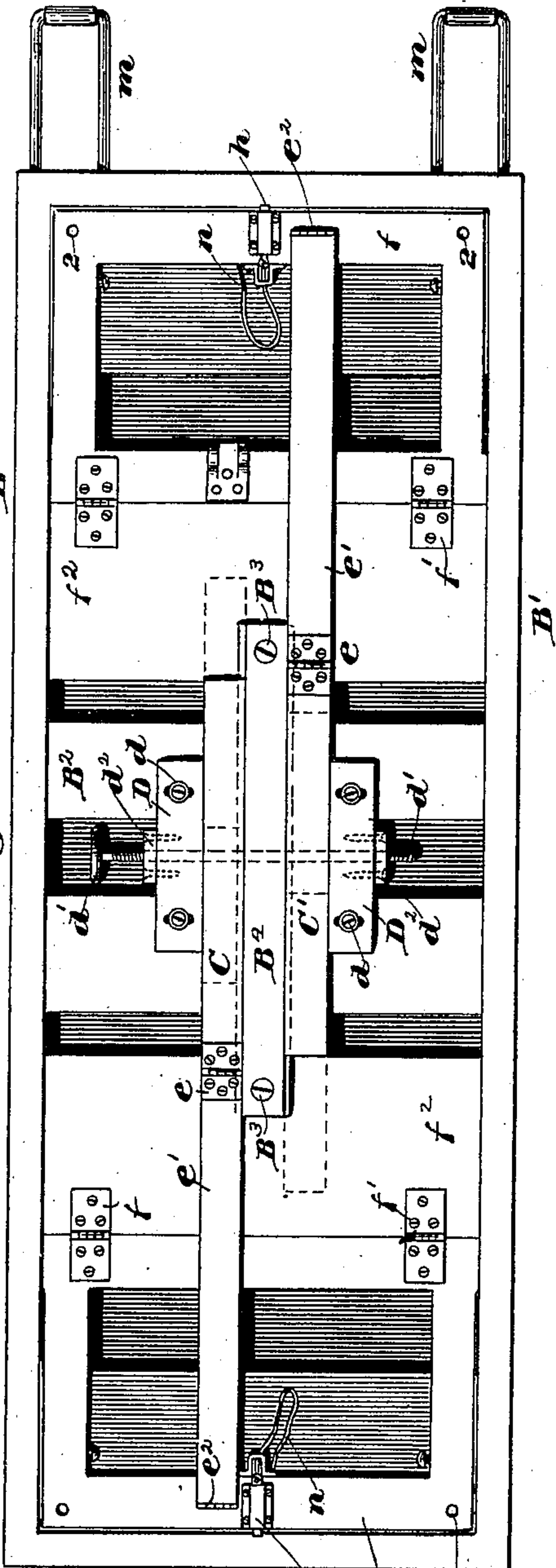
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Fig. 3.



Witnesses:
Walter E. Loutard
Thomas J. Drummond

Fig. 6.

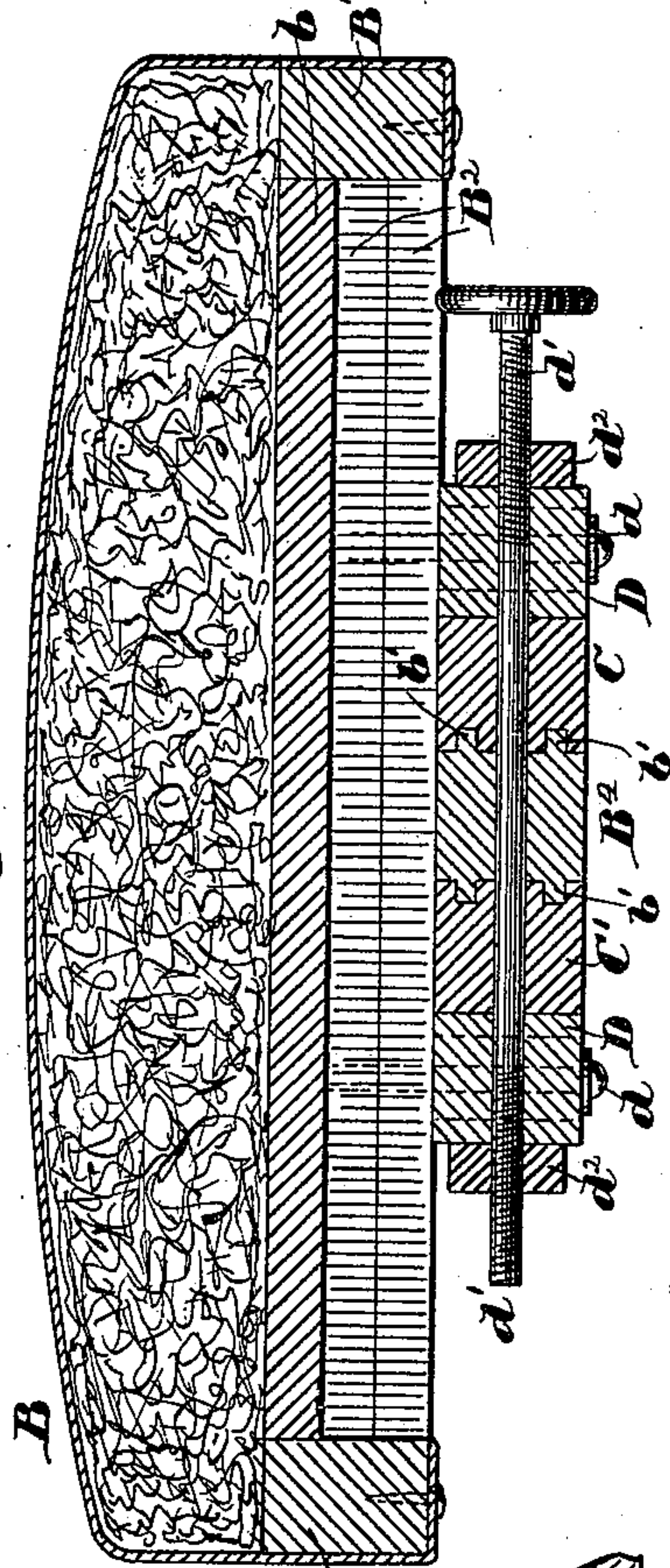


Fig. 4.

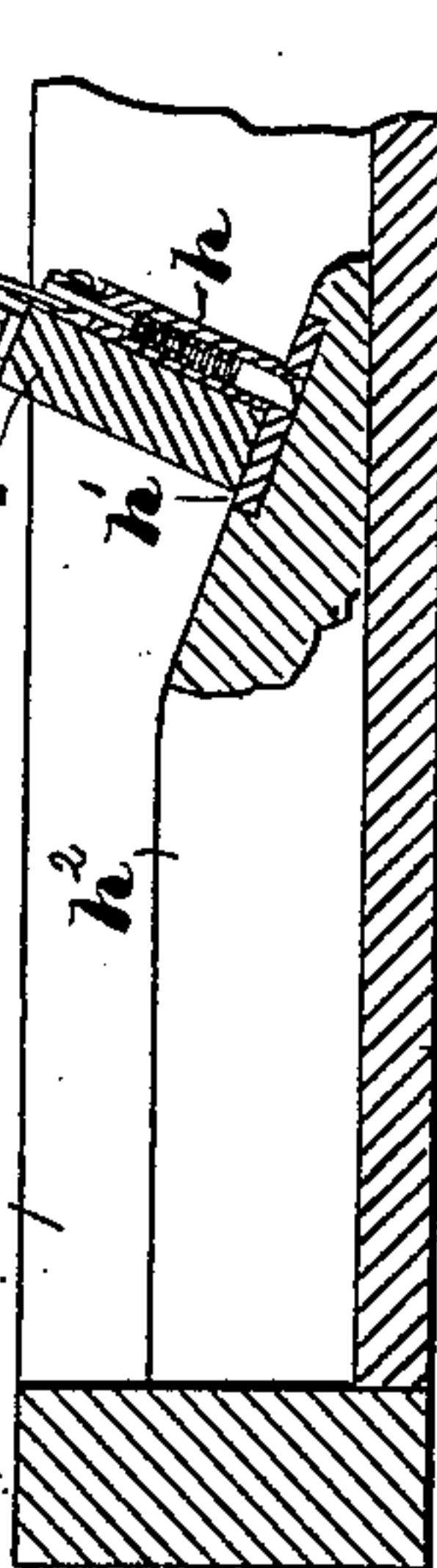
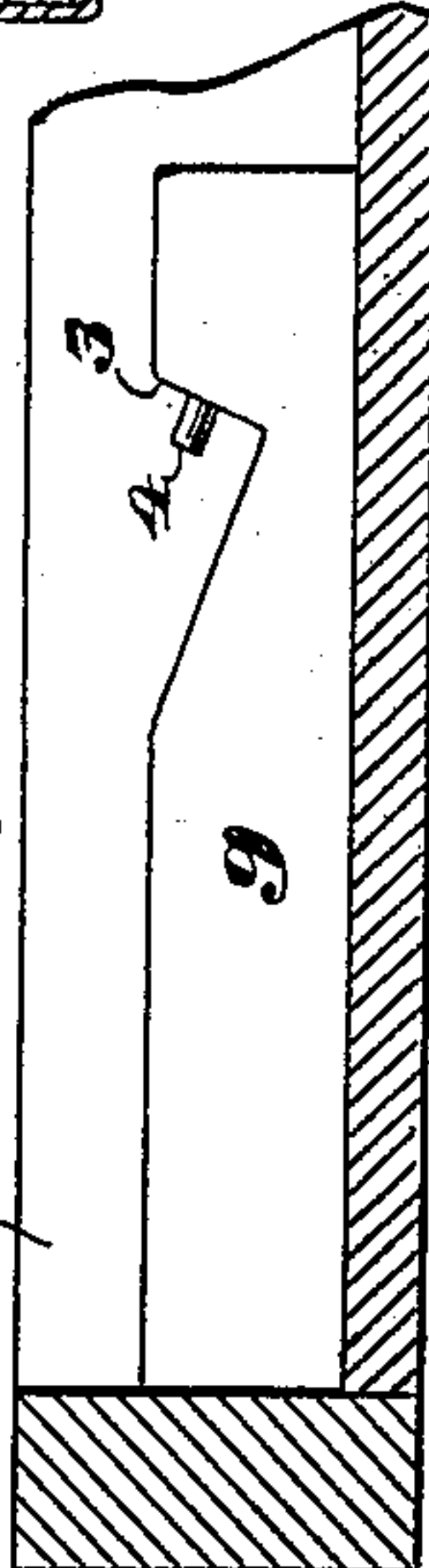


Fig. 5.



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UNITED STATES PATENT OFFICE.

SERIAH STEVENS, OF BOSTON, MASSACHUSETTS.

SURGICAL LOUNGE.

SPECIFICATION forming part of Letters Patent No. 601,762, dated April 5, 1898.

Application filed June 18, 1897. Serial No. 641,271. (No model.)

To all whom it may concern:

Be it known that I, SERIAH STEVENS, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Surgical
5 Lounges, of which the following description, in connection with the accompanying drawings, is a specification, like letters and numerals on the drawings representing like parts.

Physicians have frequently to perform operations when the patient has to recline, and for this class of work instead of using an operating-table I have devised a novel lounge which when an operation is to be made may be elevated to the proper height and there
15 maintained during the operation.

In my improved surgical lounge the upholstered top is supported on the frame below it by legs and braces, so that the top may be quickly raised to any desired height.

20 Figure 1 shows my improved surgical lounge elevated in working position. Fig. 2 shows it closed as a regular office-lounge. Fig. 3 is a view of the under side of the top overturned, showing the legs and braces lying against it as when the top part is lowered. Figs. 4 and
25 5 are details to be described. Fig. 6 is a cross-section through the top on dotted line x , Fig. 3.

The frame of the lounge is represented as composed of four parts or legs A, connected
30 by side and end pieces A', and the space between the side and end pieces will preferably have a bottom A², to thereby leave a space in which may enter parts to be described connected to the under side of the movable top
35 part B to be described, the said top frame being upholstered and covered in any usual or suitable manner, as shown in Fig. 6. The frame B' of the top part B is also composed of suitable side and end pieces suitably united
40 together, a suitable board, as b , being laid in between the side pieces to receive upon it the upholstering material. (See Fig. 6.) Between the said side pieces B', I place one or more pieces of scantling, as B², and to these pieces
45 I attach by suitable screws B³ a guiding-cleat B⁴, the sides of the said cleat being provided with ribs b' b^2 , the lower rib being shorter than the upper one, so that the brace e' may be laid straight with the guiding-cleat when the top
50 part is lowered, as in Figs. 2 and 3.

The guiding-cleat acts to hold up and guide

the slides C C in their endwise movements, the said slides having, as shown, grooves to receive the said ribs, the ribs and grooves being kept one on the other by blocks D, mounted
55 adjustably on the scantling by screws d , said blocks being under the control of a clamping-screw d' , extended through metallic threaded nuts d^2 , attached to the blocks D and through the slots c^8 in the slides C, so that by rotating
60 said screw the slides C C may be so firmly clamped as to hold them positively in place, they being so locked when the top part is elevated, as shown by full lines in Fig. 1, the screw being turned to unclamp the said slides
65 when the top part is to be lowered.

The slides C C are each connected at one end by a hinge e to a brace e' , in turn jointed by a hinge e^2 to the lower end of a leg f , hinged at f' to a cross-bar f^2 . The leg f is
70 made wide and has, as shown, two holes 2, which as the leg is being swung from its horizontal into a more or less vertical position travels over a track g , fixed in the lounge-base, said leg finally meeting a shoulder 3 of
75 the track, a pin or projection 4 of the track entering the hole 2 and preventing the leg from being lifted from the base. The leg also has a locking device h , it presenting a spring-pressed bolt, which as the leg is brought into
80 the position Figs. 1 and 4 enters a notch in a plate h' , located near the end of a track h^2 .

The locking devices have cords n attached to them, which may be engaged when the locking device is to be disengaged to let the
85 top part down. The top part or frame has two leg or foot rests m , which are adapted to be drawn out, as in Fig. 3, when the lounge is being used as an operating-table. The screw d' has right and left threaded parts.
90 When the top part is lifted from the brace, suitable springs n' , connected with the legs and the base, pull the legs toward the center of and under the top part, as shown in Fig. 1.

When raising the top part, the operator will
95 usually engage the foot end of the top part, and to prevent the top part from sliding longitudinally when the opposite end of the top part is raised I have attached to the right-hand leg f (see Fig. 1) by a suitable hinge p
100 a link p' , said link p' being hinge-jointed to the bottom A² at p^3 .

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An operating-lounge composed of a base
5 and a top, said top having hinged to it near its end holding-legs, braces hinged to the free ends of said legs, and slides hinged to the opposite ends of said braces, combined with longitudinally-arranged guides to receive said
10 slides, and means to clamp and hold said slides in adjusted position, to thereby keep the top elevated above the base, as and for the purposes set forth.

2. The top part provided with a longitudi-
15 nally-arranged guiding-cleat, two slides co-operating with different sides of the said cleat, and blocks D located at the outer sides of said slides, braces attached to said slides, and legs hinged to the said top part and to the said
20 braces, and a base-frame on which the lower ends of said legs rest, combined with means to move said blocks to clamp the said slides and hold them, substantially as described.

3. The top part provided with a longitudi-
25 nally-arranged guiding-cleat, two slides co-operating with different sides of the said cleat, and blocks D located at the outer sides of said slides, braces attached to said slides and legs hinged to the said top part and to the said
30 braces, and a base-frame having blocks on which said legs slide, and pins to engage and

hold the said legs when in their elevated positions, combined with means to move said blocks to clamp the said slides and hold them, substantially as described. 35

4. The top part provided with a longitudi-
nally-arranged guiding-cleat, two slides co-operating with different sides of the said cleat, and blocks D located at the outer sides of said slides, braces attached to said slides, legs
40 hinged to the said top part and to the said braces, and a base-frame having tracks on which said legs slide and pins to engage and hold the said legs when in their elevated positions, and locking devices for said legs, sub- 45
stantially as described.

5. An operating-lounge composed of a base, and a top, said top having connected to it legs and slides, and braces attached to said slides, combined with means to guide and clamp the
50 said slides when it is desired to retain the top part of the lounge elevated for an operating-lounge, and a link connecting said base and one of said legs, substantially as described.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses. 55

SERIAL STEVENS.

Witnesses:

GEO. W. GREGORY,
EMMA J. BENNETT.