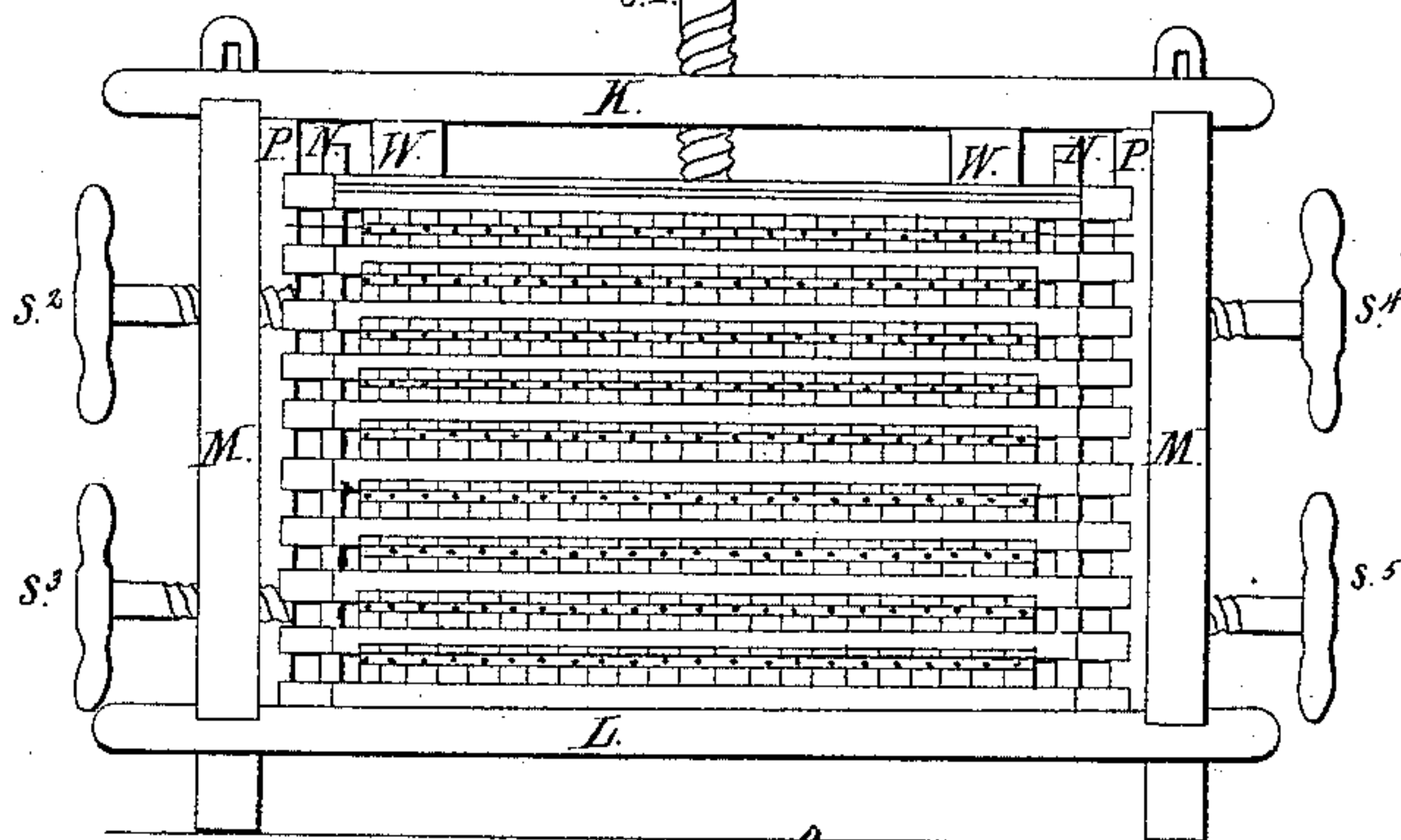
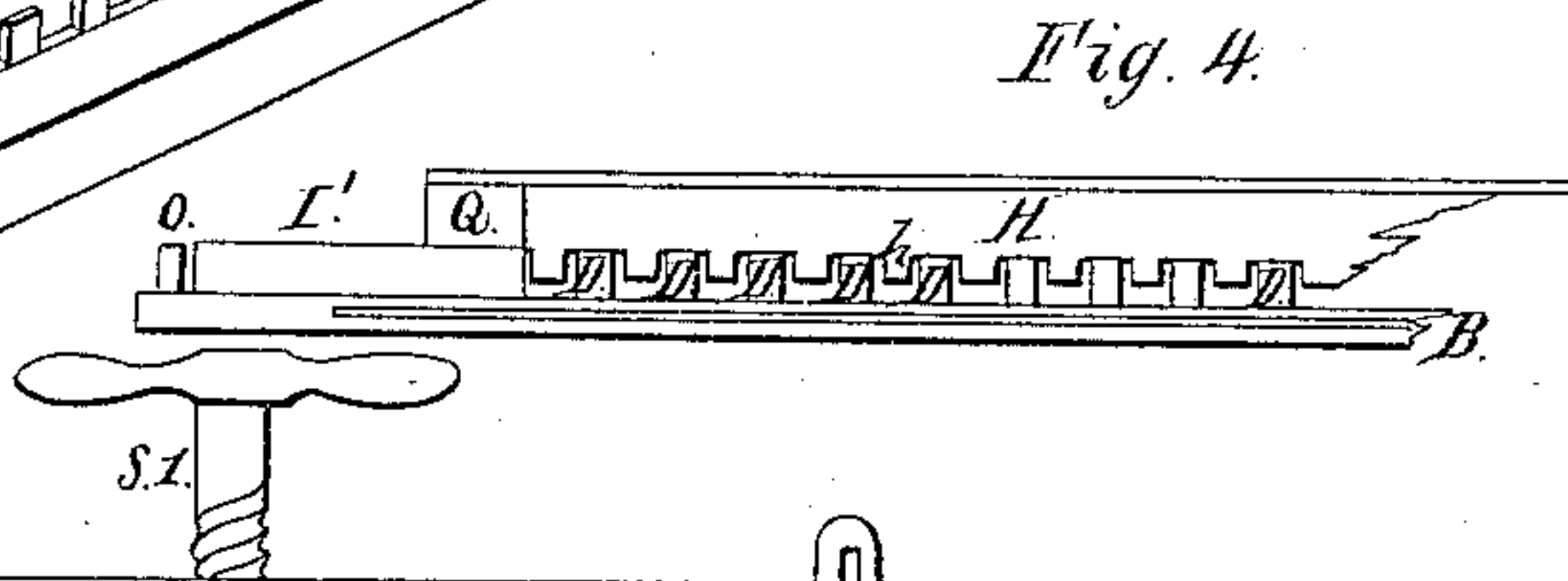
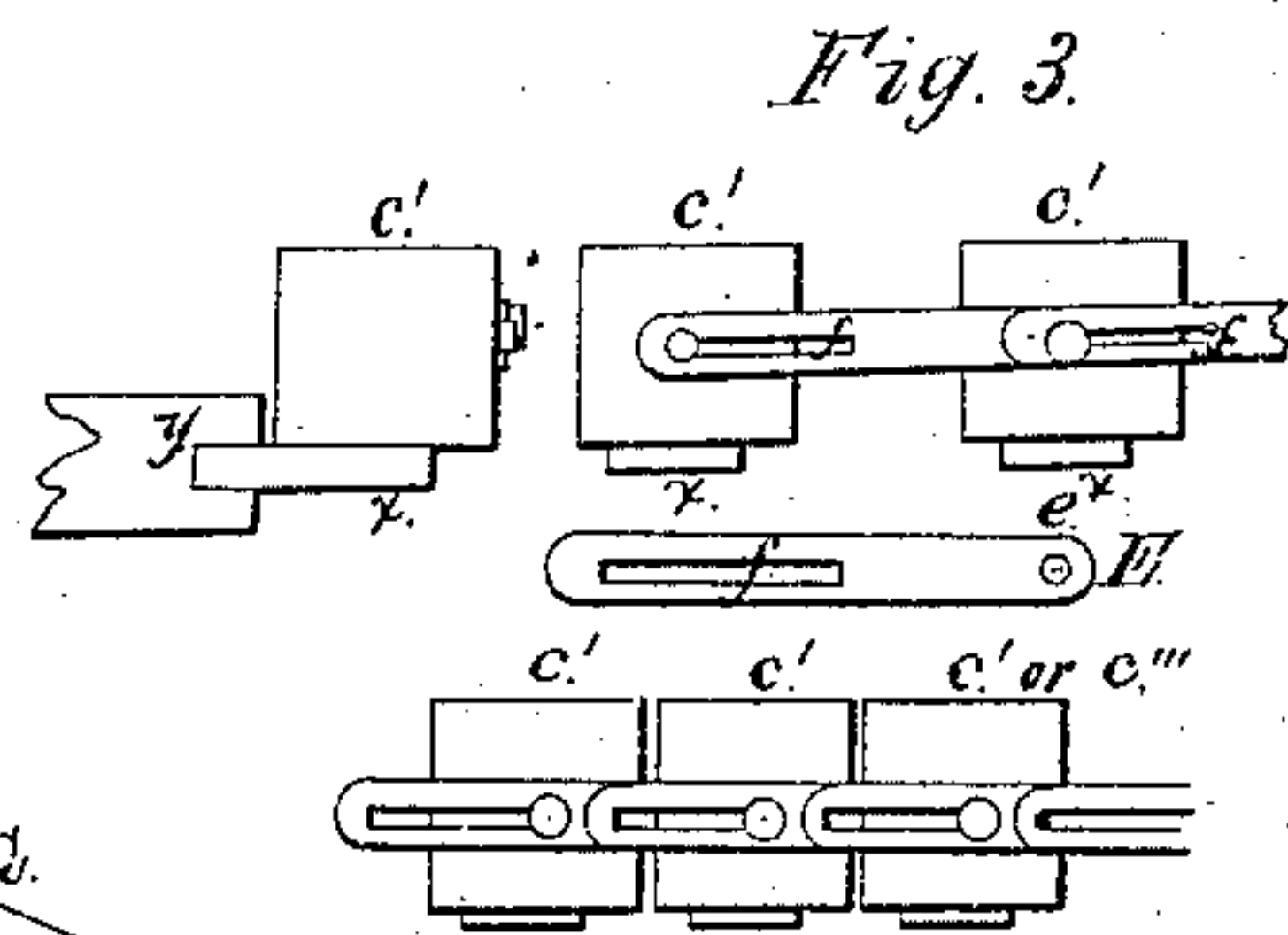
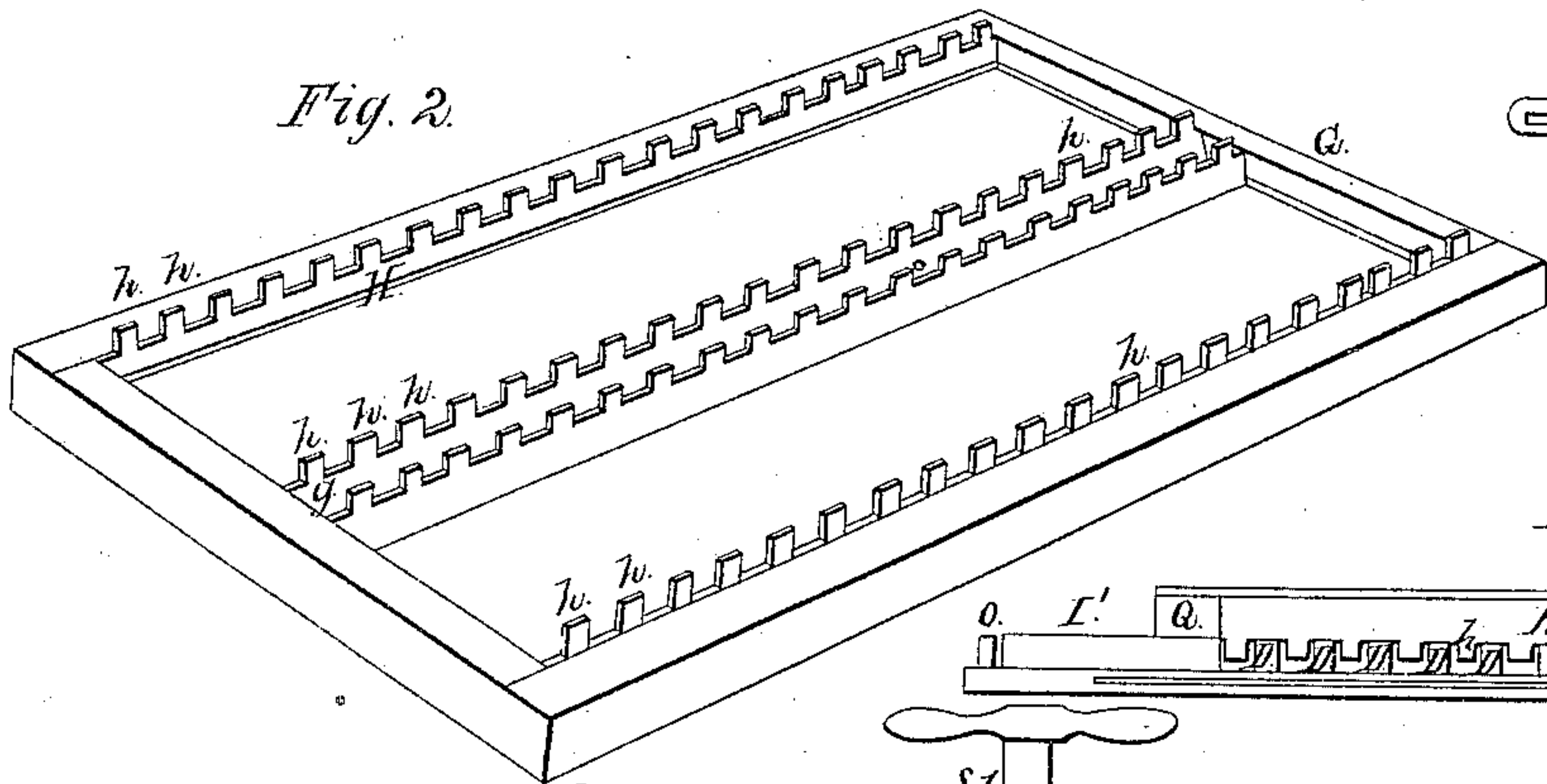
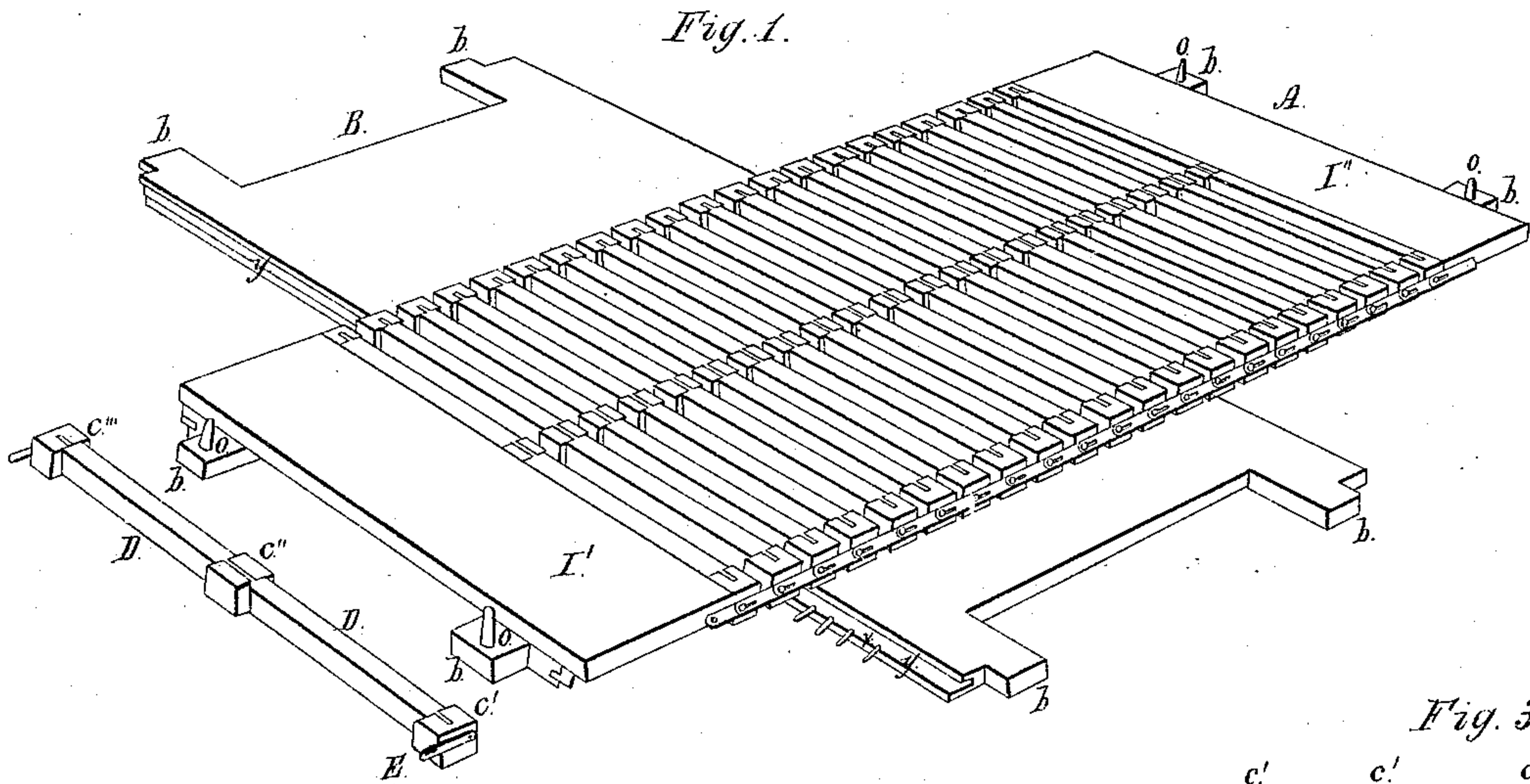


J. Campbell.

Cigar Press.

Nº 58,538.

Patented Oct. 2, 1866.



Witnesses.

Chas. R. Bailey
Jacob Stauffer

Inventor.

Jeremiah Campbell

UNITED STATES PATENT OFFICE.

JEREMIAH CAMPBELL, OF LANCASTER, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND JOHN CAMPBELL.

IMPROVEMENT IN CIGAR-PRESSES.

Specification forming part of Letters Patent No. 58,538, dated October 2, 1866.

To all whom it may concern:

Be it known that I, JEREMIAH CAMPBELL, of Lancaster, in the county of Lancaster and State of Pennsylvania, have invented new and additional Improvements on a certain Cigar-Press for which Letters Patent were granted bearing date the 19th day of June, 1866; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my slats, united on the ends by slotted links, showing the bottom board also, upon which the slats rest and move with their end followers. Fig. 2 is a perspective view of my filling-in frame. Fig. 3 illustrates the heads and link-connection of the slats; Fig. 4, a portion of the filling-in frame, with its taps fitting between the slats inside their square heads; Fig. 5, the press, with a pair of screws and follower on each side, instead of on one only, with the top screw. I also employ, in addition, key-blocks W and back gage-strip, P, showing nine series under pressure.

The object of my improvement is to expedite the filling-in and to secure a uniformity of action and pressure from both sides and top.

I will now describe the changes and additions made to my former mode. The bottom board, B, on which the sliding linked slats D rest, is cut out as the former, on the ends, to receive the vertical press-board N, which operates against the sliding followers I' I'', connected with the slats by means of slotted links E. The springs formerly employed I dispense with, since, in taking hold of the end I' I'', with a hand on each, a slight draw readily separates the slats and disengages the cigars between them; otherwise the slats are the same, only that by means of flat links E, with a hole, *e*, on one end for a headed nail, and a long slot, *f*, at the other end, a headed nail is passed or driven through the hole *e* of one link and the slot *f* of the link on the adjoining block or head *c* of the slats D on each outer series, so that the head of one can be pushed up in conjunction with the other, bringing them all in close contact, and separating them the length of the slot, all the heads *c* being thus linked together on each side. The last slats, or those

next the followers I' I'', may be fastened to the followers, linked in like manner to the rest and with the followers.

The lower board or bottom, B, has a groove, *y*, on each side, for the reception of a tongue, *x*, affixed to the bottom of the slat-heads *c*, to prevent the slats from falling off. To the ears of said bed-board B there is a stop-peg, *o*, to arrest the followers I' I'' from being drawn out farther than necessary. The niche cut out from the outer corner of the ears *b* of the bed-board B fits into a vertical strip, P, on the back of the press, to keep the stack in plumb-line.

In order to guard the tips of cigars from entering between the heads of the slats, and to facilitate the filling-in between the slats, I employ a frame, G, Fig. 2, with a middle piece, *g*. Both sides of the latter and the insides of the outer long frame-pieces are provided with a strip, H, having square notches, *h*, cut out, with projecting square taps, made so as to fit upon, and the taps to enter between the slats when extended, (shown by Fig. 4,) so that a handful of cigars can be distributed without precaution, as, when falling between the slats, the taps prevent any from entering between the separated heads *c* on the slats. I also employ a pair of gage or key blocks, W.

To secure the full amount of pressure required to bring each series of slatted boards in contact, I first set up my stack with the empty cases, and then fit in my key-blocks W on top, so that when filled, and having received lateral pressure from both sides by the screws S, 2, 3, 4, and 5, I may know the vertical pressure by screw S 1 is completed, when I can enter my key-blocks W, as shown, Fig. 5.

Thus it will be seen that I simply duplicate my lateral screws and vertical press-board. The slats also are the same in construction, but claim them as loose, whereas I now link them together, and do away with the springs. Several minor changes, and in the introduction of my key-blocks and back strip on press, together with the filling-in frame and construction of the links, are the novelties as in part shown during the pending of my former application, not embraced, however, which I now desire to secure as additional improvements.

I am not aware that connecting-links have

been ever used before, nor of a filling-in frame, as described.

The central slat may be made stationary, as the pressure is applied from both sides. Having fairly tested this pressing combination, I find it perfectly satisfactory in every point of view.

I do not again claim what I already claim in my former patent, but claim the additions made as an improvement on the former, and combined with this as my invention.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The construction and application of the flat links E, with their hole *e* and slot *f*, when employed in the manner and for the purpose specified.

2. The followers I' I'' and headed slats D, when combined, linked, and operated substantially in the manner and for the purpose specified.

3. The open filling-in frame G *g*, with its notches, *h*, constructed and operating in the manner and for the purpose set forth.

4. The key-blocks W, in combination with a double side pressure and vertical pressure, given in the manner and for the purpose specified.

JEREMIAH CAMPBELL.

Witnesses:

CHAS. R. FRAILEY,
JACOB STAUFFER.