

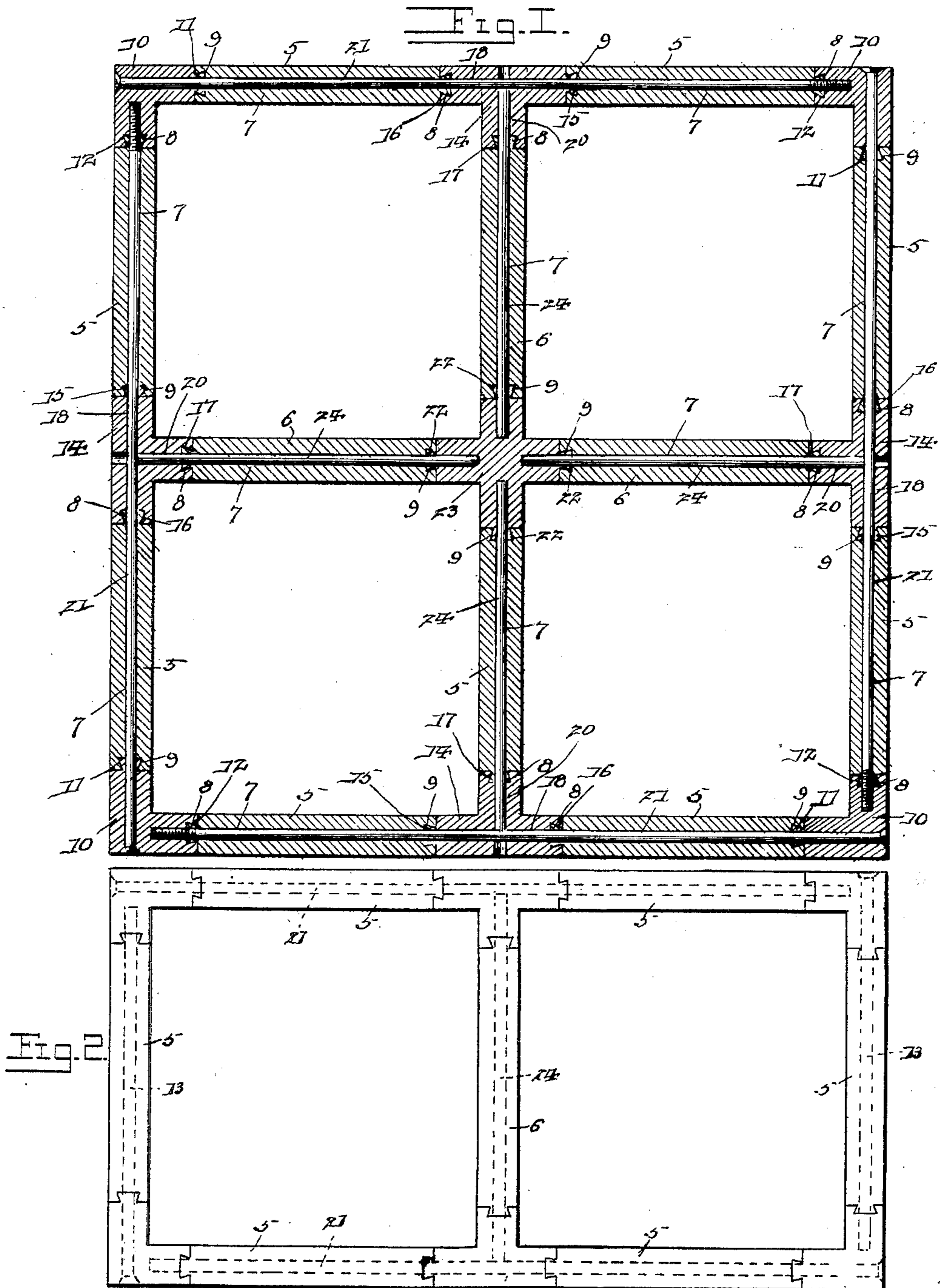
No. 675,529.

Patented June 4, 1901.

P. SEIPEL.
PRINTER'S CHASE.

(Application filed Sept. 22, 1900.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

PHILIP SEIPEL, OF WATERTOWN, NEW YORK, ASSIGNOR OF ONE-HALF TO
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PRINTER'S CHASE.

SPECIFICATION forming part of Letters Patent No. 675,529, dated June 4, 1901.

Application filed September 22, 1900. Serial No. 30,788. (No model.)

To all whom it may concern:

Be it known that I, PHILIP SEIPEL, a citizen of the United States, residing at Watertown, in the county of Jefferson and State of New York, have invented a new and useful Printer's Chase, of which the following is a specification.

This invention relates to printers' chases; and it has for its object to provide a construction wherein the chase is composed of a number of separable parts which may be variously connected to form chases of different sizes and forms, and wherein the parts may be readily assembled and disassembled, and when assembled will be held securely in position.

Further objects and advantages of the invention are evident from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in both views, Figure 1 is a horizontal sectional view through the complete chase and showing the means for holding the parts in their proper positions. Fig. 2 is a plan view showing the chase adjusted to a smaller size.

Referring now to the drawings, the present chase comprises a plurality of sticks 5 and 6, of which the sticks 5 are shown as outside sticks and the sticks 6 as inside sticks, although they are the same in every respect. Each of the sticks 5 and 6 has a central perforation 7, formed longitudinally thereof, and, furthermore, each of said sticks has a dovetail lug 8 at one end and a dovetail socket 9 at its opposite end.

Coöperating with the sticks 5 and 6 are corner-pieces 10 in the form of right angles, one end of each corner-piece having a dovetail lug 11, while the opposite end has a dovetail recess 12, the lugs and recesses of the sticks being adapted for engagement with the lugs and recesses of the corner-angles. Thus when it is desired to form a square chase of a given size four of the sticks may be engaged with four of the corner-pieces to form the chase. Each corner-piece has one perforation formed longitudinally through one leg thereof for alinement with the perforation through the engaged stick, while the second leg of the corner-piece has a recess in its outer end for

alinement with the longitudinal perforation of the stick that is engaged therewith. Thus when the four sticks and the four corner-pieces are engaged screws 13 may be passed through the alining perforations and recesses of the corner-pieces and sticks and into the recesses of the corner-pieces which register therewith, said recesses being threaded to hold the screws in place, and by this means lateral displacement of the parts of the structure will be prevented.

In addition to the sticks and corner-pieces there are provided T connections 14, the ends of the heads of which are provided one with a dovetail lug 15 and the other with a dovetail recess 16, while the stems thereof are all provided with dovetail recesses 17. These T connections are provided with perforations 18, formed longitudinally through their heads and additional perforations 20, formed longitudinally through the stems and passing transversely through the heads, the perforations thus intersecting. The T connections are used when it is desired to form a chase for printing a number of folios, and in this case if four folios are to be printed the four corner-pieces have each two sticks engaged therewith, the outer ends of these sticks being engaged with the heads of the T connections. Long screws 21 are then passed through the sticks, the head of the T connection, and one leg of the corner-piece at each side of the chase and into the recess of the leg of the opposite corner-piece, so that the outer frame of the chase is held firmly together. With the stems of the T connections are engaged sticks 6, and the inner ends thereof which are recessed receive the dovetail lugs 22 at the ends of a central cross-piece 23, the legs of which are provided with recesses.

The entire framework is put together before any of the locking screws or rods are put in place, and before placing the screws 21 short rods 24 are engaged with the perforations, which aline in the sticks 6 and the stems of the T connections and the recesses in the central cross-piece. The screws 21 are then put in place and act to hold the rods against displacement.

If the four-folio chase is to be changed to a two-folio chase, the four corner-pieces may be

used with two T connections and the proper number of sticks 5 and 6 to form the chase, as shown in Fig. 2 of the drawings.

With this construction it will be seen that there is provided a construction of chase that may be readily adapted to use under various conditions and it will of course be understood that in practice various modifications of the specific construction shown may be made and that any suitable materials and proportions may be used for the various parts without departing from the spirit of the invention.

What is claimed is—

1. A sectional chase comprising a frame including members separably connected, cross-pieces separably connected with the frame and with each other, means for holding the members of the frame in coöperative relation, and means for holding the cross members in position, the first-named holding means being disposed to hold the second-named holding means in position.

2. A sectional chase comprising a frame including separable members having longitudinal perforations therethrough, bolts engaged with the members for holding them in coöperative relation, cross-pieces separably connected with each other and with the sides of the frame, said cross-pieces having longitudinal perforations and the frame having perforations alining with the perforations of the cross-pieces and communicating with the longitudinal perforations of the sides of the

frame and in which said bolts are engaged, and bolts engaged with said alining perforations to hold the cross-pieces in place the last-named bolts being held against outward movement by the first-named bolts.

3. A sectional chase comprising members having sockets and lugs the sockets and lugs of different members being adapted for interchangeable engagement by lateral movement of the members, said members having also recesses and perforations formed longitudinally thereof, and rods engaged with the alining recesses and perforations to hold the members against lateral movement with respect to each other to disconnect them.

4. A chase comprising a central cross-piece having recesses in its ends, angular corner-pieces, each having a perforation formed longitudinally through one leg and a recess formed in the end of the second leg, T connections each having perforations formed longitudinally through its head and stem, sticks having longitudinal perforations there-through, said members having dovetail connections, and rods engaged with the alining perforations and recesses to hold the dovetail connections against displacement.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

PHILIP SEIPEL.

Witnesses:

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