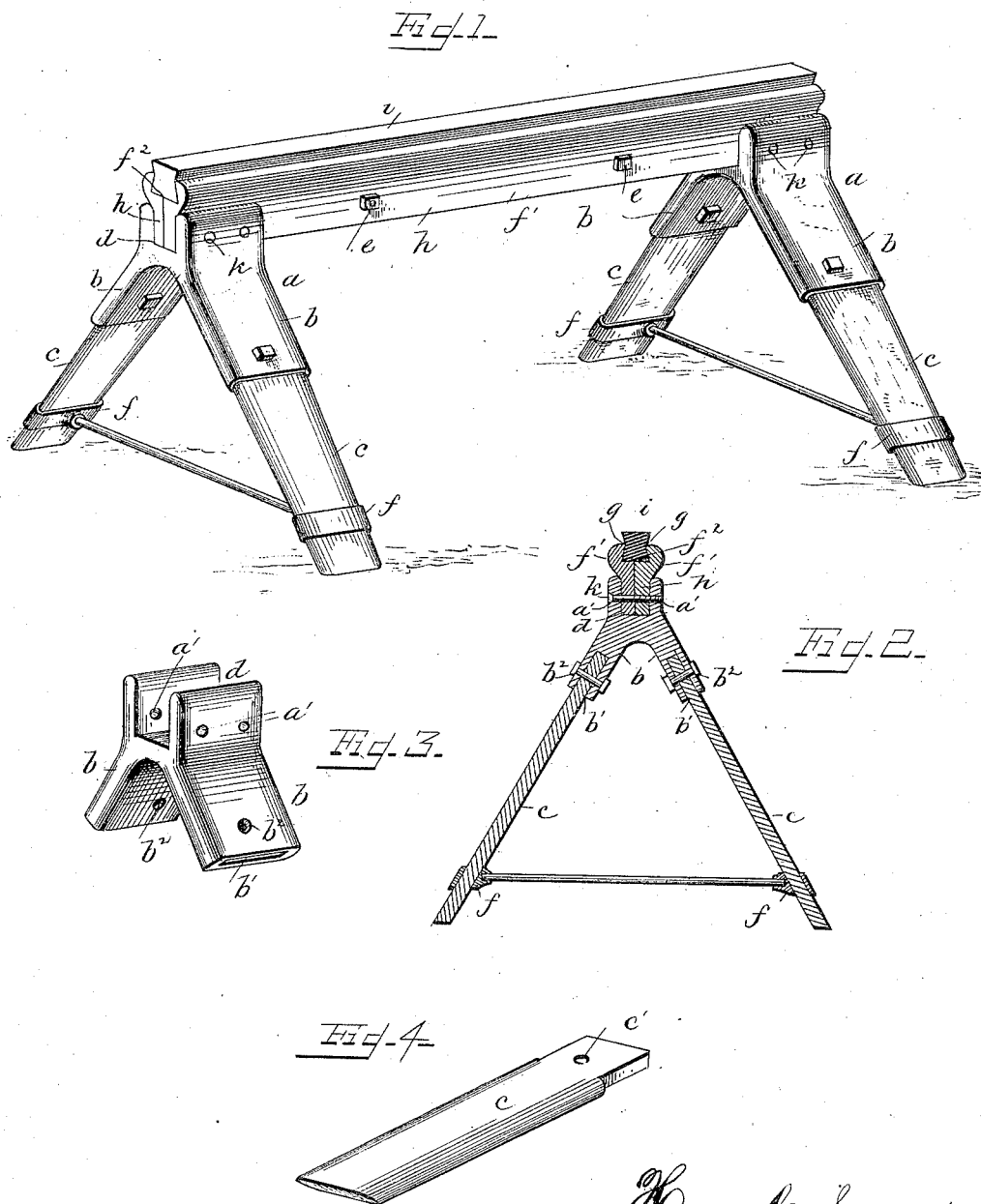


(No Model.)

H. C. SARGENT.
SUPPORTING HORSE.

No. 302,945.

Patented Aug. 5, 1884.



WITNESSES
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UNITED STATES PATENT OFFICE.

HENRY C. SARGENT, OF MACHIAS, MAINE.

SUPPORTING-HORSE.

SPECIFICATION forming part of Letters Patent No. 302,945, dated August 5, 1884.

Application filed March 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. SARGENT, a citizen of the United States, residing at Machias, in the county of Washington and State of Maine, have invented a new and useful Supporting-Horse, of which the following is a specification, reference being had to the accompanying drawings.

This invention has relation to supporting-horses on which articles of furniture and the like in wood and metals are to be rested while being manufactured, finished, or repaired, so that their surfaces will not be scarred, scratched, or defaced while handling them; and it consists in the construction and novel arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claims appended.

Figure 1 is a view in perspective of a supporting-horse embodying the improvements of my invention. Fig. 2 is a transverse vertical section through the clamps, cushion-strip, one of the head-blocks, and the supporting-legs and brace-rod. Fig. 3 is a perspective view of one of the head-blocks, and Fig. 4 is a detail view of one of the legs.

Referring by letter to the accompanying drawings, *a a* designate the head-blocks, two or more of which may be employed, according to the length of the supporting-horse. These head-blocks *a a* are provided with bolt-holes *a' a'* through their upper flanges, and their lower outwardly-inclined arms, *b b*, are provided with mortises *b' b'* and a single bolt-hole, *b²*, in each arm, to secure the upper ends of the legs *c c* in place in said mortises, said legs having a bolt-hole, *c'*, that aligns with the bolt-holes *b²* for the reception of the securing-bolts. The legs are braced near their lower ends by a wrought-iron rod secured in malleable-iron castings *f f* upon the legs *c c*. The body of the horse is formed from two clamps, *f' f'*, having rounded outer upper edges and half-grooves *g g* in their inner faces at their upper edges, which half-grooves, when the webs *h h* of the clamps are seated in the recesses *d* in the head-blocks and are bolted together by the bolts *e e*, form a dovetail groove, *f²*, in which the cushion-strip *i* rests and is firmly held in place, so that its upper edge projects above the edges of the clamps throughout their entire length, as shown. For furniture, the cushion-strip

should be of rubber; but where metal is being finished, it may be of wood, copper, or other substance than iron or steel. Bolts *k k* are passed through the vertical flanges of the head-blocks into the webs of the metal clamps. The head-blocks are cast in one piece, and furnish a strong and durable support for the clamps.

The supporting-horse may be painted in any ornamental design, and will prove cheap, durable, and efficient for the purposes for which it is intended.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a supporting-horse for furniture and the like, the combination, with the body of the horse, composed of two clamps having half-dovetail grooves in their inner upper faces, of the cushion-strip constructed to fit the united half-grooves and project above the upper face of the body when the clamps are united, and mounted upon suitable supporting-legs, substantially as specified.

2. In a supporting-horse for furniture and other articles, the combination, with the body of the horse, of the head-blocks cast in one piece and provided with vertical perforated flanges and downwardly and outwardly inclined arms having mortises in their lower ends and intersecting bolt-holes, and the legs fitted into and secured in the mortises by bolts, and connected near their lower ends by a wrought-iron brace-rod secured to the legs by malleable castings, substantially as specified.

3. In a supporting-horse for furniture and other articles, the combination of the perforated clamps having half-dovetail grooves in their upper inner faces in which the upwardly-projecting rubber cushion-strip is secured, the flanged head-blocks cast in one piece and secured to the webs of the clamps by bolts, the legs mortised in the arms of the head-blocks and secured by bolts, and the brace-rods connecting the legs near their lower ends, substantially as specified.

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

HENRY C. SARGENT.

Witnesses:

C. O. FURBUSH,
IGNS. SARGENT.