(No Model.)

C. J. BURGEDAHL.

PAPER HANGER'S BENCH HORSE.

No. 551,072. Patented Dec. 10, 1895.

Fig. 1.

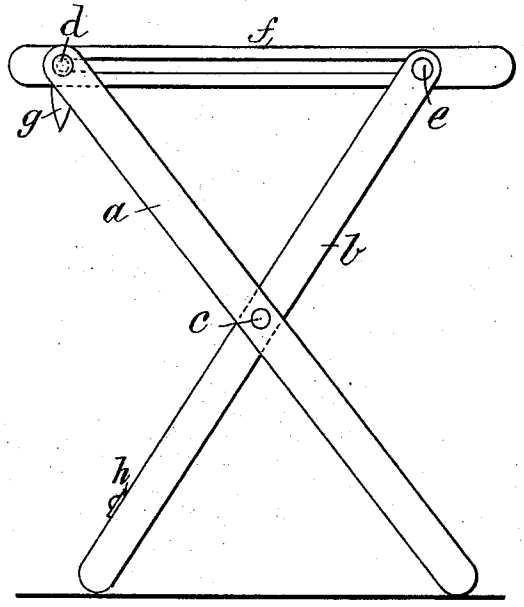


Fig. 2.

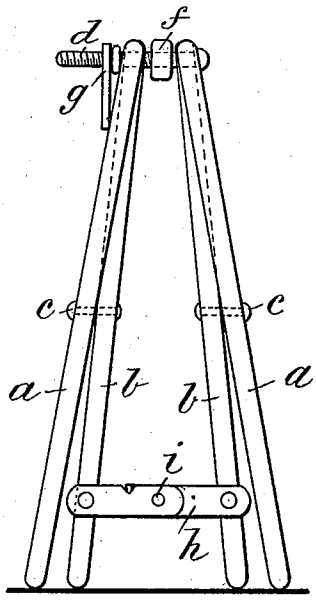
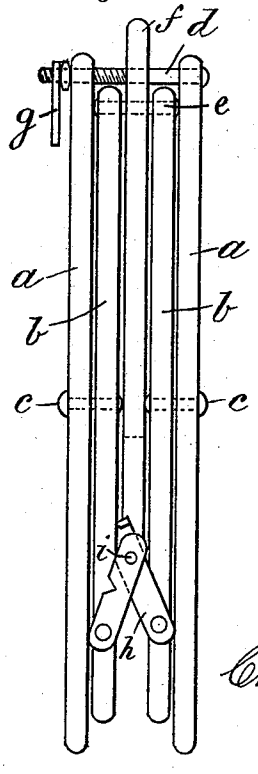


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES JOHAN BURGEDAHL, OF BROOKLYN, NEW YORK.

PAPER-HANGER'S BENCH-HORSE.

SPECIFICATION forming part of Letters Patent No. 551,072, dated December 10, 1895.

Application filed April 5, 1895. Serial No. 544,547. (No model.)

To all whom it may concern:

Be it known that I, CHARLES JOHAN BURGEDAHL, a subject of the King of Sweden and Norway, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Paper-Hangers' Bench-Horses, of which the following is a specification.

My invention consists of an improved construction of folding horses for supporting paper-hangers' boards and other bench-tops, the object being to provide for more simply and compactly folding them for storage and conveyance, as hereinafter fully described, reference being made to the accompanying drawings, in which—

Figure 1 is a side elevation of my improved horse set up for use. Fig. 2 is an end elevation of the same, and Fig. 3 is a plan view of the horse folded for storage or conveyance.

I provide two pairs of legs *a b*, pivoted together at the middle or thereabout, as at *c*, for opening and closing in the manner of folding cross-legs, and connect the two legs *a* together at the top by a bolt *d* and the legs *b* by a bolt *e*, with a slotted top bar *f* between the posts so connected and having the bolt *e* passing through its slot.

The bolt *d* is considerably longer than the combined thicknesses of the legs *a* and the bar *f* and has a nut-lever *g* screwing on its extension outside of one of the legs *a*. Near the lower ends of the legs *b* they are connected by a knuckle-jointed strut *h*, which thrusts them, and the legs *a* also, apart at the lower ends when the strut is extended, as shown in Fig. 2, to enlarge the base-support.

The legs *b* are shorter above the pivots *c* than the legs *a* to enable the upper ends to fold inside of the bolt *d* and lie in the plane of legs *a* for compactness when folded. They are also made correspondingly shorter below said pivots than legs *a* to support the bar *f* in a level plane.

To adjust the device for folding, the strut is bent up on the joint *i* and the lever-nut *g* is turned back, as in Fig. 3, permitting the legs to be parted a little more above and closed together below the pivots *c*. Then the legs are folded together on the pivots *c*, the bolt *e* being shifted along the slot of the bar *f* into close proximity to bolt *d*, and said bar is laid between legs *b*, which then lie between legs *a*, all close together in one plane, making a symmetrical bundle of such small size and lightness that the two horses for supporting the board on which the paper strips are laid for pasting may be placed along with the board and tied thereto, so as to be conveniently carried by hand.

I claim—

The combination in a bench horse of the two pairs of legs *a*—*b*, pivoted together at their middle or thereabout, the slotted bar jointed at one end between the upper ends of legs *a*, by the coupling bolt *d*, and positively jointed between the upper ends of legs *b* by a pivot bolt extending through the slot, and the knuckle jointed strut coupling legs *b*—*b*, below the middle joints *c*, said legs *b* being shorter than legs *a* to fold inside of the extension coupling bolt substantially as described.

Signed at New York city, in the county and State of New York, this 19th day of March, A. D. 1895.

CHARLES JOHAN BURGEDAHL.

Witnesses:
W. J. MORGAN,
S. H. MORGAN.