(No Model.)

J. T. MILLER.

FOLDING STAND OR TRESTLE.

No. 478,065. Patented June 28, 1892.

FIG. 1.

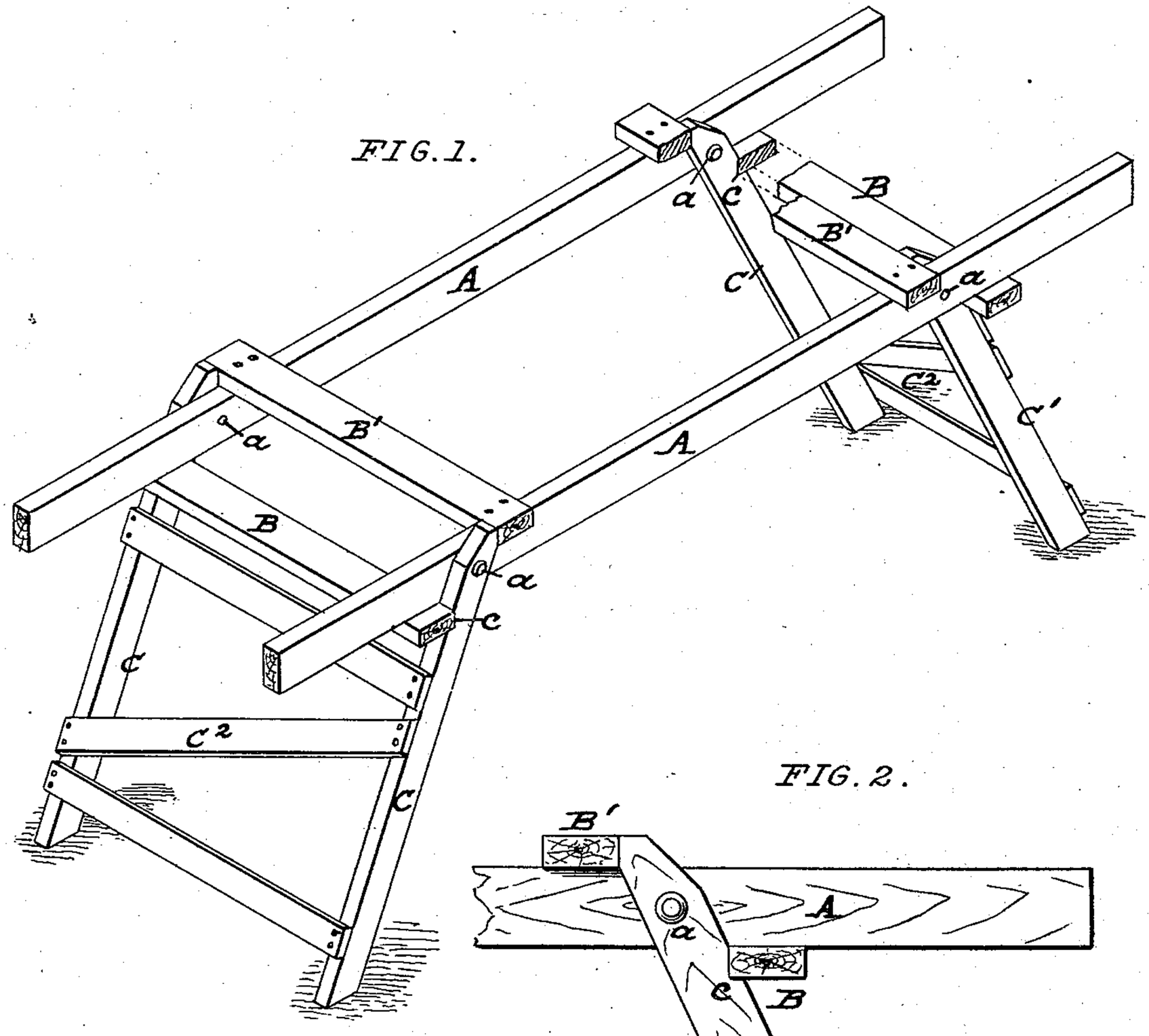


FIG. 2.

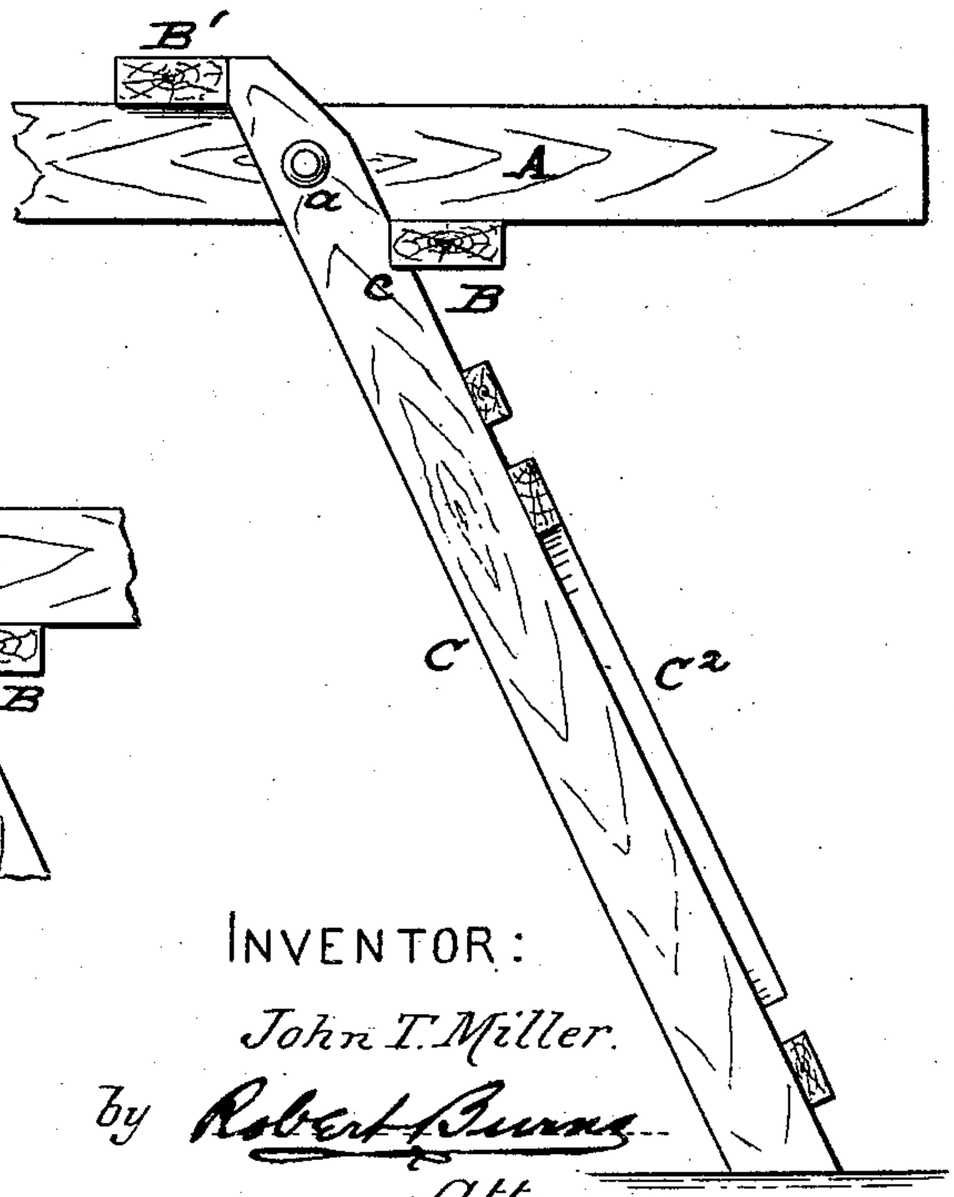
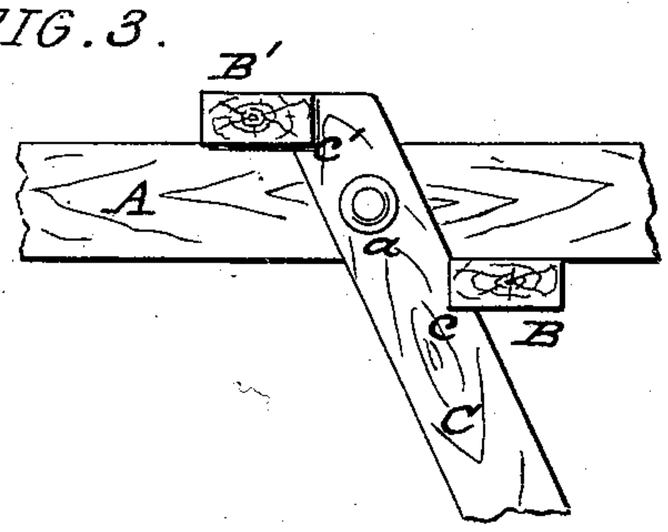


FIG. 3.



ATTEST:

Geo. H. Arthur

W. H. Holmes

INVENTOR:

John T. Miller.

by Robert Burns

Attorney.

UNITED STATES PATENT OFFICE.

JOHN T. MILLER, OF CHICAGO, ILLINOIS.

FOLDING STAND OR TRESTLE.

SPECIFICATION forming part of Letters Patent No. 478,065, dated June 28, 1892.

Application filed February 17, 1890. Serial No. 340,782. (No model.)

To all whom it may concern:

Be it known that I, JOHN T. MILLER, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Folding Stands or Trestles; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to that class of stands or trestles in which the legs are hinged to the body, so as to fold upon the same into a compact shape for storage or transportation.

The present invention has for its object to provide a cheap and simple construction of stand or trestle parts whereby the attachment of the supporting-legs to the body is rendered very strong and durable, to impart great firmness and stability to the stand or trestle in its open or unfolded condition. I attain such object by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a stand or trestle constructed in accordance with my present invention; Fig. 2, a detail side elevation of the same; and Fig. 3, a detail side elevation of a modified arrangement of the same.

Referring to the drawings, A represents the stringers or longitudinal bars of the body, connected together by transverse strips or bars B B′, placed, respectively, on the top and bottom of the bars A, as shown, and nailed or otherwise secured thereto.

C C′ represent the pair of supporting-legs or standards pivoted to the longitudinal bars A by pivot-pins *a*, and preferably braced together by the usual cross-bracing C^2, as shown.

c are notches cut in the sides of the legs C C′, which when the legs are in their open position embrace the bottom and inner side edges of the transverse strips B, so as to constitute a strong and durable connection for the legs when the stand is in use, the firmness of the parts being additionally increased by the upper edge of the legs resting against the upper transverse bars B′, as clearly illustrated in Fig. 1, and such upper ends may be notched out at *c′*, as shown in Fig. 3, to bear a portion of the load or strain to which the stand or trestle is exposed. With such improved construction the weight or load upon the stand or trestle is borne entirely by the notches *c*, or the notches *c* and *c′* when the same are used, so that there will be no strain upon the pivot-pins *a*.

In the present invention one set of supporting-legs C is pivoted to the outside of the body and the other set C′ to the inside of the same, so that they will fold into place without interfering with each other. This improved construction admits of a short body being provided with folding legs of the required length.

I am aware that prior to my invention folding beds or stands have had their pivoted legs arranged to rest against cleats or bars upon the side rails to confine their pivotal movement; also, that the side rails of such devices have been provided with pins or studs to engage in notches in the side of one of a pair of crossed legs to prevent a further spread of the same. I am also aware that folding chairs have been constructed so that their legs and seat will fold together into a compact shape and within a common plane. I therefore make no claim to either of such constructions, broadly; but,

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

1. A folding trestle or stand comprising, in combination, the longitudinal bars A, the cross-bars B, arranged on the under side of the bars A and connecting the same together to form the body of the trestle or stand, with the ends of such bars arranged to overhang the bars A to form stops, and the legs C, pivoted to the bars A and provided with notches *c*, adapted to embrace the overhanging portion of the bars B when the legs are unfolded, essentially as herein described.

2. A folding trestle or stand comprising, in combination, the longitudinal bars A, the cross-bars B B′, arranged, respectively, on the under and upper sides of the bars A and connecting the same together to form the body of the trestle or stand, and the legs C, pivoted to the bars A and provided with

notches *c c'*, adapted to embrace the bottom and side of said bars when the legs are unfolded, essentially as herein described.

3. A folding trestle or stand comprising, in combination, the longitudinal bars A, the cross-bars B B', arranged, respectively, on the under and upper sides of the bars A and connecting the same together to form the body of the trestle or stand, and the pair of legs C C', one pair of which is pivoted on the outside of the bars A and the other on the inside of the same, so as to be capable of folding past each other on opposite sides of said bars, as set forth.

In testimony whereof witness my hand this 31st day of January, 1890.

JOHN T. MILLER.

In presence of—

GEO. H. ARTHUR,

ROBERT BURNS.