No. 680,771. Patented Aug. 20, 1901.

H. H. FULLER.

STAND.

(Application filed Apr. 2, 1896.)

(No Model.) 2 Sheets—Sheet 1.

Fig. 1.

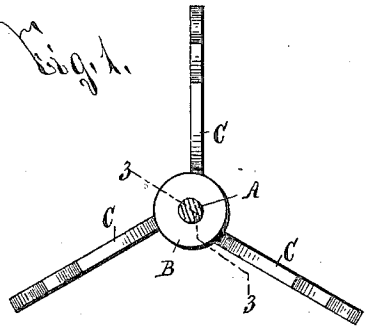


Fig. 2.

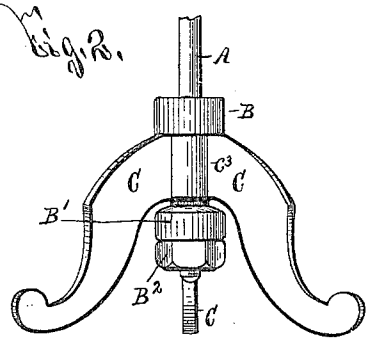


Fig. 3.

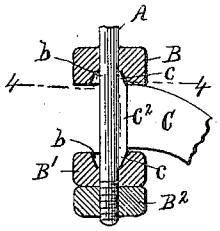
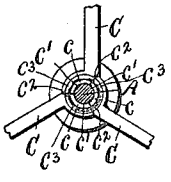


Fig. 4.



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No. 680,771. Patented Aug. 20, 1901.

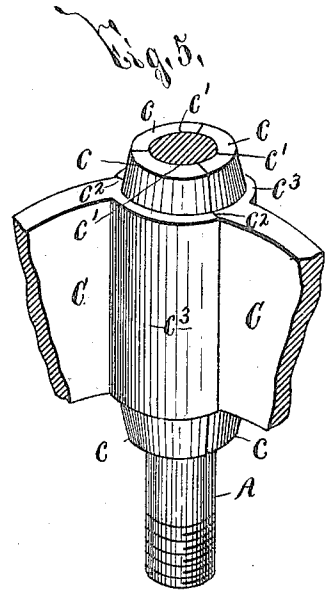
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(Application filed Apr. 2, 1896.)

(No Model.) 2 Sheets—Sheet 2.

Fig. 5.



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UNITED STATES PATENT OFFICE.

HENRY H. FULLER, OF SYRACUSE, NEW YORK.

STAND.

SPECIFICATION forming part of Letters Patent No. 680,771, dated August 20, 1901.

Application filed April 2, 1896. Serial No. 585,908. (No model.)

To all whom it may concern:

Be it known that I, HENRY H. FULLER, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Stands, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to improvements in stands and similar articles; and it has for its object the production of a device which can be readily taken apart for storage and shipment and is quickly assembled when desired; and to this end it consists, essentially, in the combination, construction, and arrangement of the parts of a stand, all as hereinafter more particularly described, and pointed out in the claims.

In describing this invention reference is had to the accompanying drawings, forming part of this specification, in which like letters indicate corresponding parts in all the views.

Figures 1 and 2 are respectively top plan and side elevation of the base of a stand embodying my invention. Figs. 3 and 4 are vertical and horizontal sections taken, respectively, on lines 3 3 and 4 4, Figs. 1 and 3, only one branch piece or leg, partly broken away, being illustrated in Fig. 3 and only the adjacent or upper ends of the branch pieces or legs being seen in Fig. 4. Fig. 5 is an enlarged perspective view of the detached adjacent or upper ends of the branch piece or legs and the contiguous portion of the post or rod engaged thereby.

My improved stand preferably consists of an upwardly-extending post or rod A, clamping-heads or complementary plates B B′, secured or fitted to the post or rod A, and branch pieces or legs C, interposed between said heads or plates. The post or rod A is preferably cylindrical, and the heads or complementary plates B B′ are formed with central openings through which the post or rod A passes. The clamping-head or complementary plate B, which is usually fixed in any desired manner to the post or rod A, is formed with an outer socket or annular groove *b* in its lower face. The clamping-head or complementary plate B′ is preferably removably and loosely mounted on the post or rod A, is provided with an outer socket or annular groove *b* in its upper face, and is adjusted toward the head or plate B by a nut B^2, movable lengthwise of the post or rod A against said head or plate B′. The nut B^2 is provided with a central opening for receiving the post or rod A and turns on threads upon said post or rod. The branch pieces or legs C are of any desirable form, size, and construction, and their upper or adjacent ends preferably inclose a portion of the post or rod A and are provided with heads having tapering upper and lower shoulders or extensions *c* arranged concentric with the post or rod A and closely fitting within the sockets or annular grooves *b* in the clamping-heads or complementary plates B B′. The upper or adjacent ends of said branch pieces or legs are also formed with upright concave edge faces *c′* for engaging the post or rod A, upright faces c^2 at corresponding sides, and laterally-projecting shoulders c^3 at their opposite sides arranged concentric with the post or rod A and having upright faces for engaging the faces c^2.

The operation of my invention will be readily understood upon reference to the foregoing description and the accompanying drawings, and it will be particularly noted that when the parts of the stand are in operative position the branch pieces or legs are firmly and positively locked to the post or rod.

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

1. In a stand, the combination of a post or rod, clamping-heads having sockets in their adjacent faces, one of the clamping-heads being fixed to the post or rod and the other being movable lengthwise thereof, a nut adjustable on the post or rod for forcing the movable head toward the fixed head, and branch pieces or legs having their adjacent ends provided with laterally-projecting shoulders at corresponding sides, and with tapering extensions at the upper and lower ends of said shoulders arranged in the sockets and formed concentric with the post or rod, said adjacent ends being provided with upright engaging faces for engaging said shoulders, substantially as and for the purpose specified.

2. In a stand, the combination of a post or rod, clamping-heads secured to the post or

rod and provided with sockets in their adjacent faces, a nut adjustable lengthwise of the post or rod for forcing one of the clamping-heads toward the other, and branch pieces or legs having their adjacent ends provided with tapering extensions arranged in the sockets, upright faces at corresponding sides, and laterally-projecting shoulders at their opposite sides for engaging the post or rod, said shoulders being formed concentric with the post or rod and being provided with upright faces for engaging the former faces, substantially as and for the purpose specified.

3. In a stand, the combination of a post or rod, clamping-heads secured to the post or rod and provided with tapering sockets in their adjacent faces, a nut adjustable lengthwise of the post or rod for forcing one of the clamping-heads toward the other, and branch pieces or legs having their adjacent ends provided with tapering extensions arranged in the sockets, upright concave edge faces for engaging the post or rod, upright faces at corresponding sides, and laterally-projecting shoulders at their opposite sides formed with upright faces for engaging the former faces, substantially as described.

In testimony whereof I have hereunto signed my name, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 11th day of March, 1896.

HENRY H. FULLER.

Witnesses:
E. A. WEISBURG,
K. H. THEOBALD.