(No Model.)

R. F. WALTER.

ADJUSTABLE HONE STAND.

No. 465,401. Patented Dec. 15, 1891.

FIG. 1.

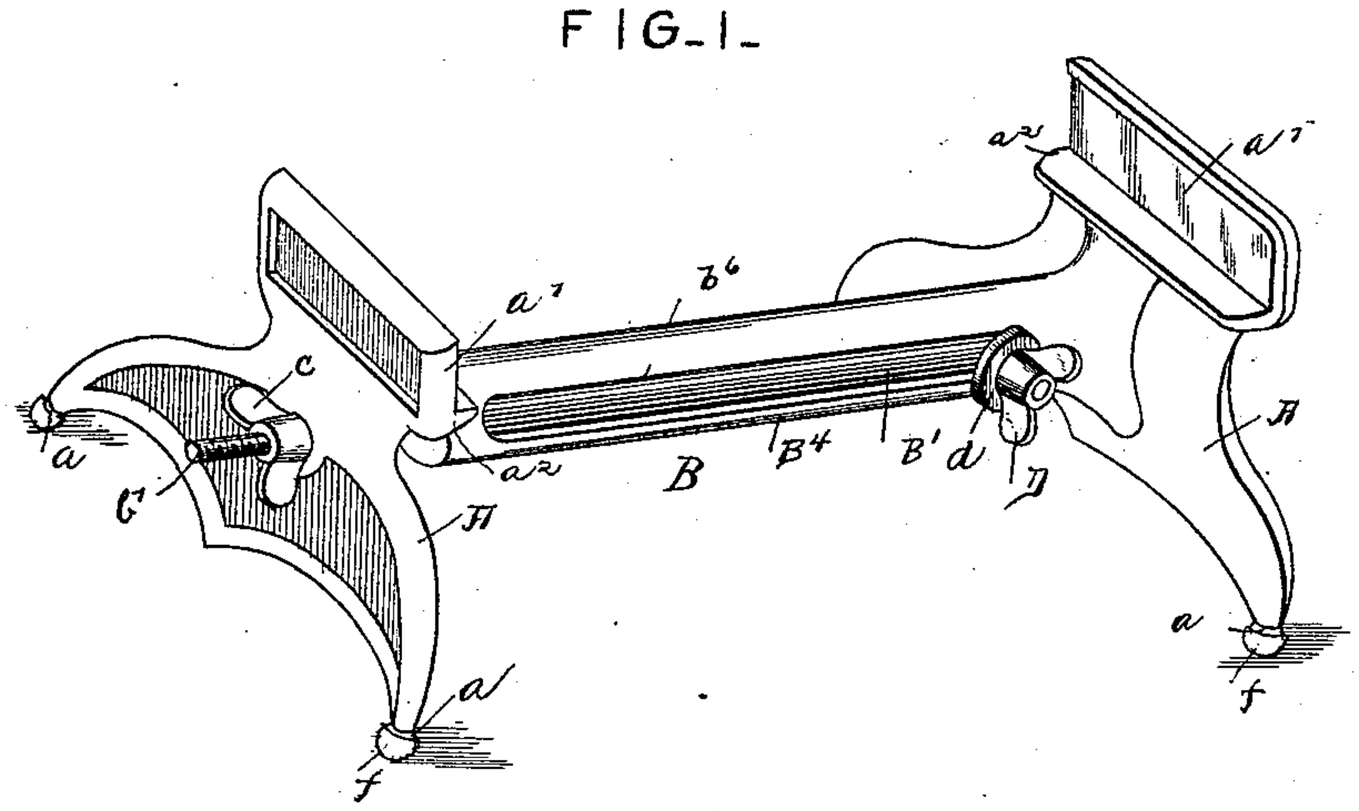


FIG. 2.

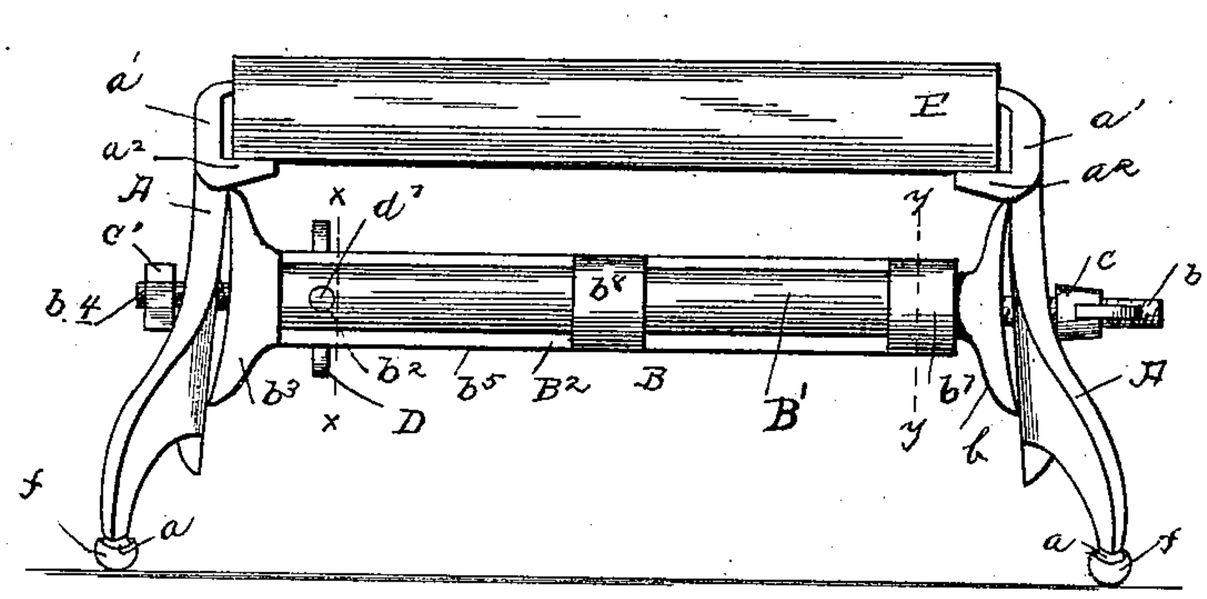


FIG. 3.

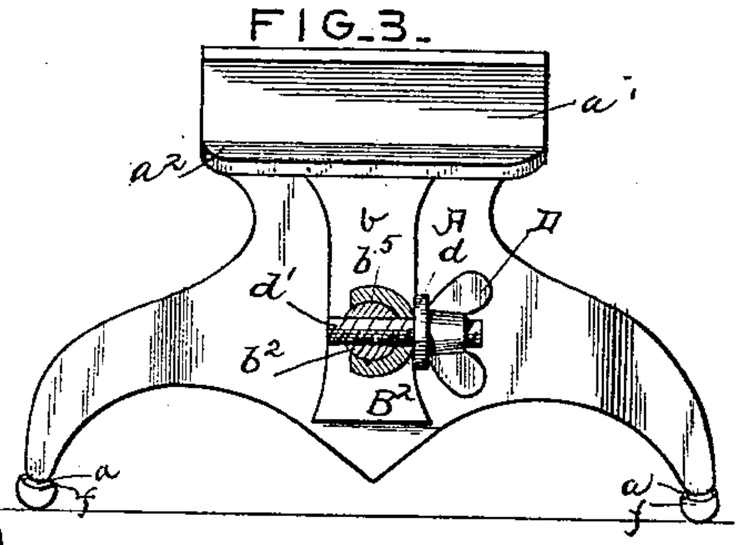
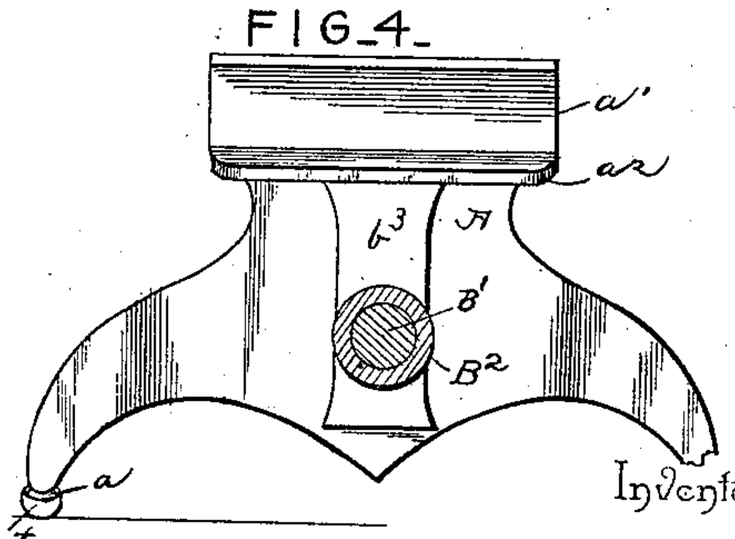


FIG. 4.



Witnesses
B. F. Oberly
J. Edgar Smith

Inventor
Robert F. Walter.
By his Attorneys,
C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

ROBERT F. WALTER, OF PEORIA, ILLINOIS.

ADJUSTABLE HONE-STAND.

SPECIFICATION forming part of Letters Patent No. 465,401, dated December 15, 1891.

Application filed April 30, 1891. Serial No. 391,128. (No model.)

To all whom it may concern:

Be it known that I, ROBERT F. WALTER, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, have invented a new and useful Adjustable Hone-Stand, of which the following is a specification.

This invention is an improvement in hone-stands, and has for its object to produce an adjustable hone-stand, and, furthermore, to produce an adjustable hone-stand by the use of which hones of various sizes may be supported at a convenient distance above a table or other support, in order to raise the hone sufficiently to enable the user to move the razor backward and forward with ease.

The invention has for further objects the improvement of hone-stands, the increasing of their effectiveness, and the cheapening of the cost of their manufacture.

With these objects in view the invention resides in the various novel details of construction and in the combination of parts hereinafter fully described, and particularly pointed out in the claims.

In the drawings in which I have illustrated my invention, and in which like letters of reference indicate corresponding parts, Figure 1 is a perspective view of my device. Fig. 2 is a side elevation with the hone therein. Fig. 3 is a transverse sectional view on the line x x of Fig. 2, and Fig. 4 is a transverse sectional view on the line y y of Fig. 2.

In the drawings, A designates two end pieces of the hone-stand, which are provided with feet a and with jaws a', which are provided with flanges a^2, wherein the hone may rest. B designates the connection between the two end pieces A. The upper edges of the jaws bite the ends of the hone and the horizontal flanges a^2 support the same. This connection consists of two sections B' B^2. The section B' consists of a cylindrical bar having upon one end the brace b, which is adapted to fit against the end piece A, and having its upper edge squared to conform to the under portion of the flange a^2 and to secure the same. Beyond the brace b a threaded extension b' projects, and is adapted to be passed through an opening in the end piece and to receive upon its end, beyond the said end piece, a thumb-nut c. Upon the other end of the section B' its cylindrical body is provided with a horizontal screw-threaded opening b^2. The section B^2 is provided at one end with a brace b^3, which corresponds in shape and function with the brace b, and the said section has projecting from it, beyond the brace and adapted to pass through an opening in the end piece A and to be secured thereto by means of a nut c', the threaded extension b^4. The main portion of the section B^2 consists of a semi-tubular body b^5, slotted at b^6 and provided with a ring b^7 upon its outer end. This semi-tubular body may be provided with a brace or braces b^8, or it may be convenient or desirable to use a slotted tube, instead of the slotted semi-tube shown in the drawings.

The thumb-screw D, which is provided with a washer d, has its shank d' passed through the slot b^6 in the tubular body and secured in the screw-threaded opening b^2 of the section B'. From the drawings it will be seen that the cylindrical bar of the section B' is passed through the ring b^7 at the outer end of the section B^2, and the thumb-screw D secures the said section B' to the section B^2, allowing the sections to move upon each other, and thus to cause the end pieces A to approach toward and recede from each other, as may be desired. When the distance between the jaws a' of the end pieces A is the one desired, the sections may be secured from movement by tightening the thumb-screw D.

In using my device a hone E is placed between the jaws a' upon the flanges a^2 and the sections B' B^2 caused to move upon each other and thus to bring the end pieces A closer together and cause the jaws a' to clasp the hone E more closely. The thumb-screw D is now tightened, thus securing the sections together in the position desired. To fasten the hone more securely, the thumb-nut c is turned upon the threaded extension b', thus pressing the end piece A toward the hone E.

I may provide the feet a with rubber tips f, as shown, where the device is to be used upon smooth surfaces, or I may sharpen these feet into prongs where the device is to be used upon a carpenter's bench or other similar place.

While I have described my invention as a hone-stand, it is of course to be understood

that it may be used for any similar purpose—such as for a whetstone-stand or the like—and it is to be understood that the chief object and aim of the device are to provide an adjustable stand for hones and the like by the use of which hones may be raised a convenient distance above a table or other support.

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

1. In a hone-stand, the combination of the end pieces provided with jaws having flanges to support a hone, the section consisting of a round bar, the semi-tubular section B^2, provided with a longitudinal slot, a thumb-screw arranged in the slot and securing the sections together, and the braces arranged on the sections and having their upper ends squared and arranged against the horizontal flanges of the jaws, substantially as described.

2. In a hone-stand, the combination, with the end pieces, of the sections B' B^2 adjustable with respect to each other, the sections having upon their ends next the end pieces the braces b and b^3, which are adapted to fit against the under portion of the flanges a^2 on the end pieces A, substantially as and for the purpose set forth.

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

ROBT. F. WALTER.

Witnesses:
C. N. MIHIGAN,
H. J. FLORETH.