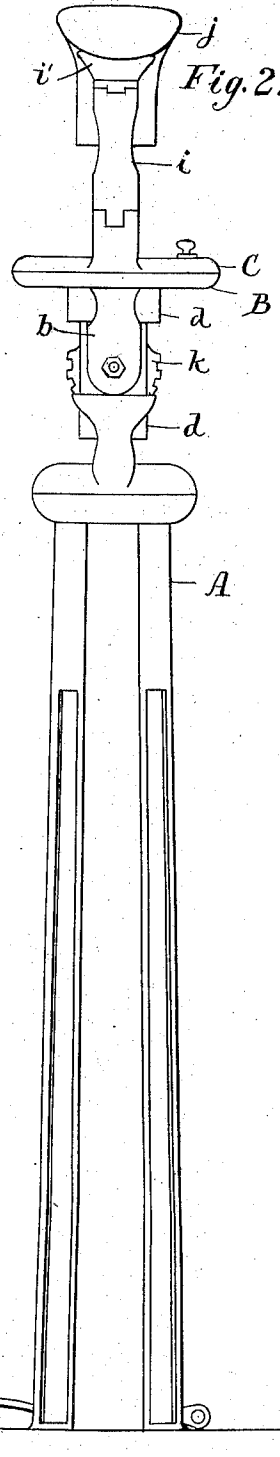
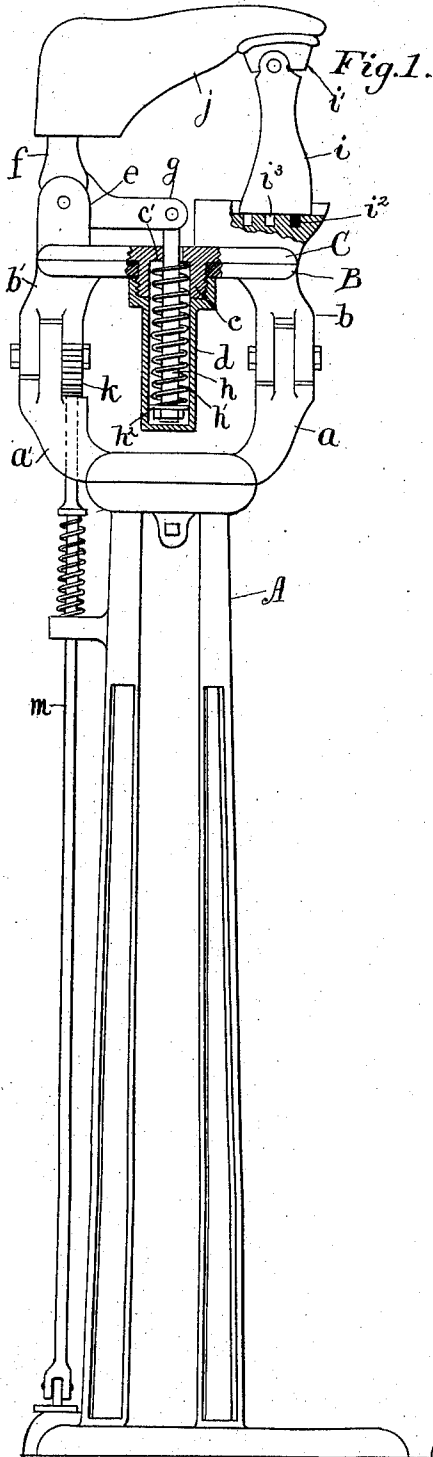


G. T. CANTARA.
 ADJUSTABLE SHOE REPAIRING JACK.
 APPLICATION FILED JUNE 30, 1911.

1,025,681.

Patented May 7, 1912.



Witnesses:
 Percy M. Anderson
 Chas. B. Reighton

Inventor:
 George T. Cantara
 by S. W. Bates atty.

UNITED STATES PATENT OFFICE.

GEORGE T. CANTARA, OF BIDDEFORD, MAINE.

ADJUSTABLE SHOE-REPAIRING JACK.

1,025,681.

Specification of Letters Patent.

Patented May 7, 1912.

Application filed June 30, 1911. Serial No. 636,188.

To all whom it may concern:

Be it known that I, GEORGE T. CANTARA, of Biddeford, in the county of York and State of Maine, have invented certain new and useful Improvements in Adjustable Shoe-Repairing Jacks, of which the following is a specification.

My invention relates to a jack specially designed for repairing shoes, and the object of the invention is to produce an effective device of this character which may be cheaply made and which will enable the operator to bring the shoe into any desired position and to handle it rapidly.

My invention will be best understood by reference to the accompanying drawing, wherein is shown a repairing jack constructed according to my invention.

In the drawing; Figure 1 is a side elevation of my jack with portions in section, and Fig. 2 is a front elevation of the same.

In the drawing, A represents the stand on the upper end of which is a rocking head supporting a pivoted plate carrying the heel block and toe rest.

My invention relates particularly to the manner in which the pivoted upper plate is secured in place, and the means by which the heel block and toe rest are supported to resist the strain that comes from hammering the shoe.

On the upper end of the stand are two upward projecting standards *a* and *a'* to which are hinged the lower ends of two hangers *b* and *b'* formed, one on each end of the base plate B. Resting on the base plate B and pivoted to it as hereinafter shown, is the last supporting plate C carrying the heel block and toe support. The plate B is centrally perforated, and the plate C has a hollow hub *c* which extends downward through the perforation in the plate B, and has on its lower end a screw thread which is engaged by the upper end of a cylindrical casing *d*. The upper plate C has a central opening which opens into the hollow hub forming an annular shoulder in the upper portion of the hub. The main portion of the hub *c* forms a pivot which holds the two plates together and enables them to turn freely with relation to each other and the upper end of the casing *d* forms a nut by which the two plates are held together.

The heel block *f* is pivoted to the standard *e* on the plate C and connected with the

block is a horizontal arm *g*, to the end of which is jointed a tension rod *h* which is surrounded by a spiral spring bearing against a washer *h²* on the lower end of the rod and against the shoulder *c'* in the upper portion of the hub. The inner surface of the cylindrical casing is coincident as here shown with the inner surface of the hub. The casing *d* constitutes a nut for holding the plates together, and acts as a protection and guide for the spring *h*. The toe support is adjustably held on the top of the upper plate C by means of a pin *i²* on the bottom of the toe support, fitting into holes *i³* in the plate C. On the upper end of the toe support is the rocking toe rest *i'* upon which the toe of the last *j* rests. This rocking toe rest prevents the shoe upper from slipping on the surface of the toe rest and thus prevents any possible abrasion of the leather. The hanger *b'* has a notched segment *k* engaged by a spring pressed rod *m*, whereby the whole upper portion of the jack may be tilted to any desired angle.

It will be seen that the two hinged points which connect the head with the stand are located one under the heel and the other under the toe support, so that the strain of hammering on the shoe will be directly received by one or both of these joints, thus greatly increasing the strength of the jack.

A jack constructed according to my invention may be cheaply made, it is capable of standing hard usage and it is well adapted to the great variety of work involved in repairing.

I claim:—

1. In a shoe repairing jack, the combination of an upper last supporting plate having a central opening and a hollow centrally disposed hub on its under side having a screw thread on its lower end, and forming around said central opening an interior annular shoulder, a base plate having a central opening through which said hub passes to pivot said plates together, a screw threaded cylindrical casing adapted to be screwed on the lower end of said hub, a heel block pivoted on said upper plate having a horizontal arm thereon, a tension rod jointed to the end of said arm and extending through said hub and into said casing, a spring surrounding said rod and tending to pull the same downwardly and a toe rest on said upper plate.

2. In a shoe repairing jack, the combination of a head having an upper and lower plate pivoted together, a heel block and a toe rest on the upper plate, a downwardly
5 extending hanger on each end of the lower plate, one directly beneath the heel block and one beneath the toe rest and forming an open space between them, a heel block tension device located in said open space and a

stand having a pair of upwardly extending standards pivoted to said hangers. 10

In testimony whereof I have affixed my signature, in presence of two witnesses.

GEORGE T. CANTARA.

Witnesses:

S. W. BATES,

PERCY M. ANDREWS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents
Washington, D. C."
