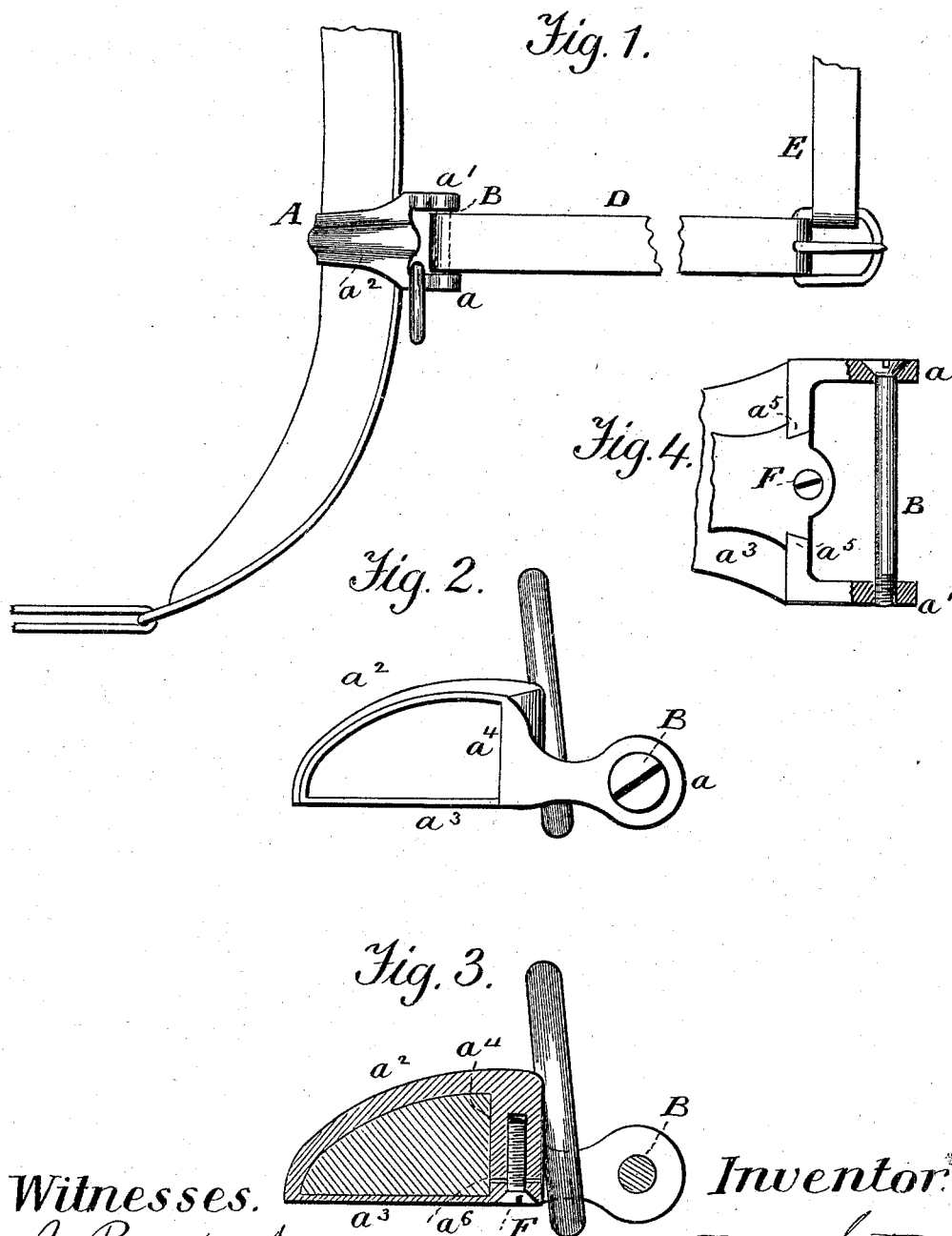


(No Model.)

J. SCOTT.
TUG CLIP FOR HAMES.

No. 489,989.

Patented Jan. 17, 1893.



Witnesses.
A. Ruppert.
H. A. Daniels

Inventor.
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Per
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att'y

UNITED STATES PATENT OFFICE.

JAMES SCOTT, OF BETHANY, CALIFORNIA.

TUG-CLIP FOR HAMES.

SPECIFICATION forming part of Letters Patent No. 489,989, dated January 17, 1893.

Application filed June 11, 1892, Serial No. 436,320. (No model.)

To all whom it may concern:

Be it known that I, JAMES SCOTT, a citizen of the United States, residing at Bethany, in the county of San Joaquin and State of California, have invented certain new and useful Improvements in Tug-Clips for Hames; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The special object of the invention is to make a tug-clip for hames so that, by loosening a screw, the clip may be adjusted up and down on the hame to suit the height or shoulder of any horse or mule.

Figure 1 of the drawings is a side-elevation, showing my tug clip attached to the hame, Fig. 2 a detail plan view of the tug-clip, Fig. 3 a horizontal section across the middle of clip—and Fig. 4 a bottom view partly in section.

In the drawings, A represents the body of the clip which is provided with the parallel ears a a' connected by a bolt B whose threaded end works in a corresponding interior thread of the ear a so that the said bolt may be easily removed and allow the tug strap to be detached.

E is the neck strap which holds the tug strap D in a horizontal position.

The clip body A consists of a metallic plate curved on the outside face a^2 , flat on the inside face a^3 and provided with a face a^4 per-

pendicular to the face a^3 . The face a^4 is made thick in the middle so that it may have an interior thread in which works the screw F which clamps the clip to the hame. The flat side a^3 is made with sufficient spring or movability to enable it to be raised or lowered when the screw is loosened, so that the clip may be adjusted on the hame, and is made with a countersunk hole in which fits the head of the screw F. It also has an angular rabbet a^5 on each side to fit over corresponding projections on the face a^4 and into the cavity a^6 , so that said face a^3 cannot possibly be displaced by pressure in any direction.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new and desire to protect by Letters Patent is:

The hame tug clip A having ears a a' apertured to receive a screwbolt B and one threaded to form a nut therefor, a cavity to fit snugly around the hame, a side a^4 with interior thread to receive a screw F and a movable elastic side a^3 with a countersunk bolt-hole; whereby the clip may be opened at the side so as to be adjusted on the hame or taken therefrom or inserted thereon.

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

JAMES SCOTT.

Witnesses:

WALTER JOHN MORTIMER,
W. H. ENGLE.