

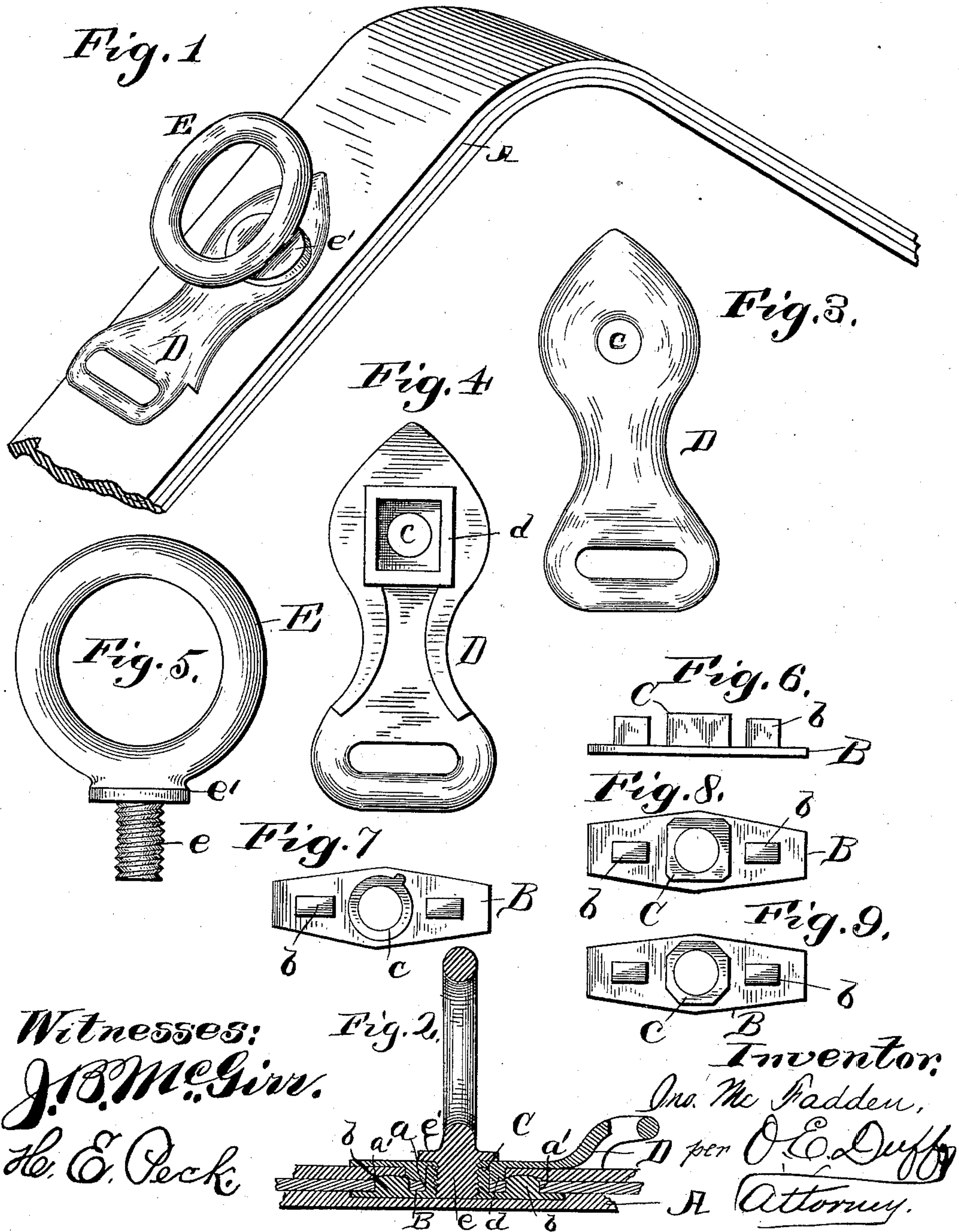
(No Model.)

J. McFADDEN.

COMBINED BACK BAND LOOP AND TERRET.

No. 392,058.

Patented Oct. 30, 1888.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN McFADDEN, OF PHILADELPHIA, PENNSYLVANIA.

COMBINED BACK-BAND LOOP AND TERRET.

SPECIFICATION forming part of Letters Patent No. 392,058, dated October 30, 1888.

Application filed July 23, 1888. Serial No. 280,733. (No model.)

To all whom it may concern:

Be it known that I, JOHN McFADDEN, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Harness-Saddle Attachments; and I do hereby declare that the following is a full, clear, and exact description of the invention which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to an improvement in harness-saddle attachments.

The object of my invention is to provide an improved means of securing a back-band loop to a harness-saddle, and also to provide a harness-saddle with a back-band loop and terret, both secured to the saddle by one screw, and other improved means.

My invention consists in the combination of a saddle-tree, an internally-threaded boss extending above the face of the tree, a metallic back-band loop formed in one piece and consisting of a body to longitudinally rest upon the outer side of the saddle, provided at its lower end with the loop proper and near its opposite end with an aperture, said body having a socket or boss on its under side around the aperture and adapted to fit snugly upon the outer end of the threaded boss, so as to prevent lateral play of the loop-body, and with the aperture in the loop-body registering with the bore of the threaded boss, and a threaded stud provided with a head, whereby when the parts are assembled the stud extends through the aperture in the loop-body and is tightly secured into the threaded boss, with its head firmly clamping the loop-body upon the boss.

Referring to the accompanying drawings, Figure 1 is a perspective view of a portion of a harness-saddle, showing a terret and back-band loop secured to the saddle. Fig. 2 is a longitudinal section of the same. Fig. 3 is a detached top plan of the back-band loop. Fig. 4 is an inverted view of the same. Fig. 5 is a detached elevation of the terret-loop. Fig. 6 is a detached elevation of the burr attached to the saddle; and Figs. 7, 8, and 9 are detached plan views of burrs, showing different

forms of internally-threaded bosses formed integral with or secured to the burrs.

In the drawings, the reference-letter A indicates the tree of a harness-saddle provided with aperture *a* and openings *a' a'* upon each side of said aperture *a*.

B indicates an elongated nut or burr provided with an upwardly-projecting boss, C, which is internally threaded, as shown. The burr is also provided with one or more rivets *b*, projecting from the same side as the boss C, and said boss and rivets are preferably cast integral with the body portion of the burr. This burr is placed upon the under side of the saddle, with the boss C projecting through the aperture *a*, and a suitable distance above the upper surface of the saddle, and with the rivets *b b* projecting through apertures *a' a'*. The burr is then rigidly secured to the saddle by upsetting the ends of the rivets upon the outer side of the saddle.

D indicates a back-band loop, cast or otherwise formed in one piece, and consisting of a body portion and loop proper. The body portion is provided with a transverse aperture, *c*, which is surrounded upon the under side of the loop with an angular socket or boss, *d*, as shown, which is adapted to fit snugly upon and around the upper end of the internally-threaded boss C, with the aperture *c* registering with the bore of portion C, as clearly shown in Fig. 2.

E indicates a terret-loop of any desirable form and construction, provided with the downwardly-extending threaded stud *e*, having a flange or head, *e'*, around its upper end at the base of the loop.

In assembling the parts the nut or burr is secured to the saddle, as described, the back-band loop placed longitudinally upon the upper side of the saddle, with the angular socket *d* embracing the end of boss C, and the threaded stud or screw *e* is then inserted through the aperture *c* and screwed into the threaded boss until the flange *e'* fits tightly upon the upper face of the loop D, tightly clamping the parts together. It will be observed that the angular socket *d*, fitting upon the end of the threaded boss C, will prevent the back-band loop from turning in any direction, and will hold the same rigidly in position.

I do not wish to limit myself to any external contour of threaded boss C, as it can be of any shape, (see Figs. 8 and 9,) or provided with a bead, as shown in Fig. 7, to fit in a corresponding groove in boss *d*. The bosses *d* and C can be constructed in any manner to prevent lateral motion of the back-band loop when the parts are clamped together. It is also evident that the terret-loop is not essential, but the back-band loop can be rigidly clamped in position by a simple screw, *e*, without the loop E. It is also evident that various slight changes might be made in the form and arrangement of the parts described without departing from the spirit and scope of my invention; hence I do not wish to limit myself strictly to the precise construction herein shown and described.

What I claim is—

20 In combination, a saddle tree, an internally-threaded boss extending above the face of the tree, a metallic back-band loop, consisting of

a body to longitudinally rest upon the outer side of the saddle, provided at its lower end with the loop proper and near its opposite end 25 with an aperture, the body having a socket or boss on its under side around the aperture adapted to fit snugly upon the outer end of the threaded boss and prevent lateral play of the body, and a threaded stud provided with 30 a terret and a head, whereby when the parts are assembled the stud extends through the aperture in the loop-body and is tightly screwed into the threaded boss, so that its head tightly clamps the loop-body upon the 35 boss, substantially as set forth.

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

JOHN McFADDEN.

Witnesses:

J. C. STODDARD,
O. E. DUFFY.