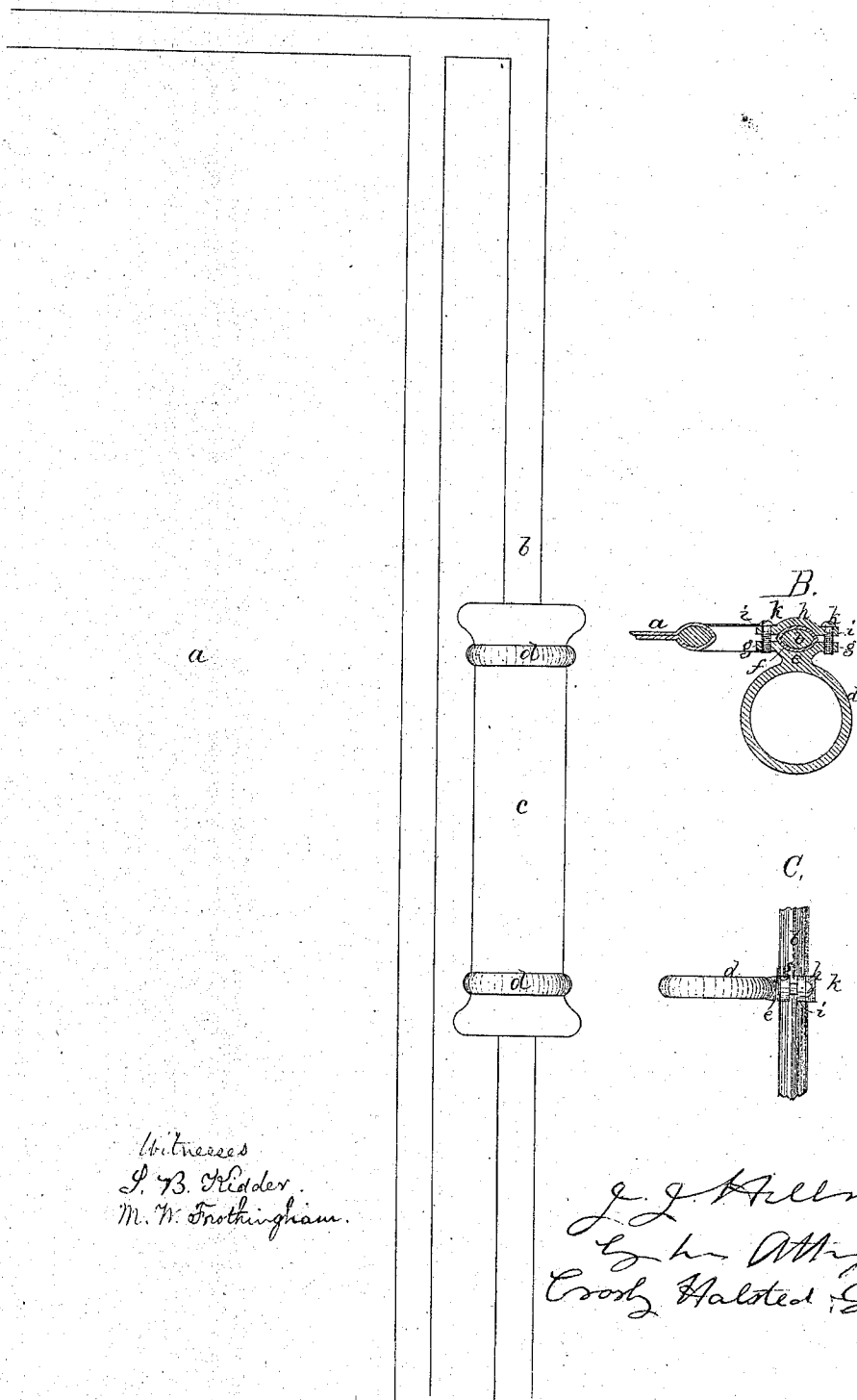


J. J. HILLMAN.

Whip Socket.

No. 105,574.

Patented July 19, 1870.



Witnesses
L. B. Rider.
M. W. Frothingham.

J. J. Hillman
by his Attys
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United States Patent Office.

JOHN J. HILLMAN, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 105,574, dated July 19, 1870.

IMPROVEMENT IN WHIP-SOCKET RINGS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, JOHN J. HILLMAN, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Whip-socket Ring; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

The invention relates to the construction of rings for whip-holding sockets of carriages, with reference to provision for attachment of such rings to the dasher-irons. These rings, when made of metal, are sometimes provided with a screw-shank or pin, to pass directly through the dasher-iron, to which such shank or pin is fastened either by a nut or by a nut-thread in the dasher-iron. And a socket ring has been made composed of two parts, which, together, embrace the whip-socket and the dasher-iron, the two parts being united by a screw passing through, between the dasher-iron and the whip-socket. These constructions are both objectionable, the first, in that it weakens the dasher-iron, and is easily bent or broken off, and the iron has to be drilled at the points where the rings are to be placed, thus making them unadjustable as to position; and the second, because it is unsightly, and the parts are not held securely in position.

In my invention I employ a solid and complete annulus or ring for the socket-holding part of the device, and at the rear or shank of this ring I make two oppositely-projecting ears, through which, and two corresponding ears of a clamp-plate, two screws extend, the ring and clamp-plate being fitted to or formed to fit and embrace the dasher-iron; and the construction not only enabling the rings to be placed at any points along the dasher-iron, but presenting to side, end, and top view a complete or unbroken annulus, ornamental in appearance, and incapable of disarrangement with respect to the dasher-iron.

It is in such peculiar construction that my invention consists.

The drawing shows a socket-holding ring embodying the improvement.

A shows a front elevation of part of the dasher and dasher-iron, and the socket and socket-rings.

B is a horizontal section of the socket-ring and dasher-iron.

C is a side view of the said ring and iron.

a denotes the dasher.

b, the dasher-iron.

c, the whip-holding socket.

d, the socket-holding ring. This ring, made of metal, is cast in a circular form, as seen at B, and with a shank-piece, *e*, on one side, the back of which shank-piece has a recess, *f*, which fits over one face of the dasher-iron, and two ears, *g g*, projecting laterally from the shank, as seen at B, the ring-shank embracing one side of the dasher-iron, while a cap or clamp-plate, *h*, embraces the opposite side, such plate having a recess, the converse of the recess *f*, and two ears, *i i*, corresponding to the ears *g g*.

Through each two adjacent ears a screw, *k*, passes, each screw bringing the two ears together, or so far together as to clamp the ring and plate tightly to the iron, so that it cannot slip.

It will be obvious that, by loosening the screws, the ring may be slid to any part of the dasher-iron, thus enabling the whip-socket to be located higher or lower, as circumstances or fancy may render desirable.

The rings thus made are very neat and strong, and are easily applied and removed. They cannot be easily bent, nor can the ring and plate be relatively moved.

I claim—

For holding a whip-socket, the ring *d*, when made with the recessed shank, and with the two ears, and held in place by the recessed clamp-plate, the two ears of which are confined to the ears of the ring, substantially as shown and described.

Witnesses:

JOHN J. HILLMAN.

J. B. CROSBY,

FRANCIS GOULD.