

*M. Reilly,*

*Harness Hook.*

*No. 104,646.*

*Patented June 21, 1870.*

FIG. 1.

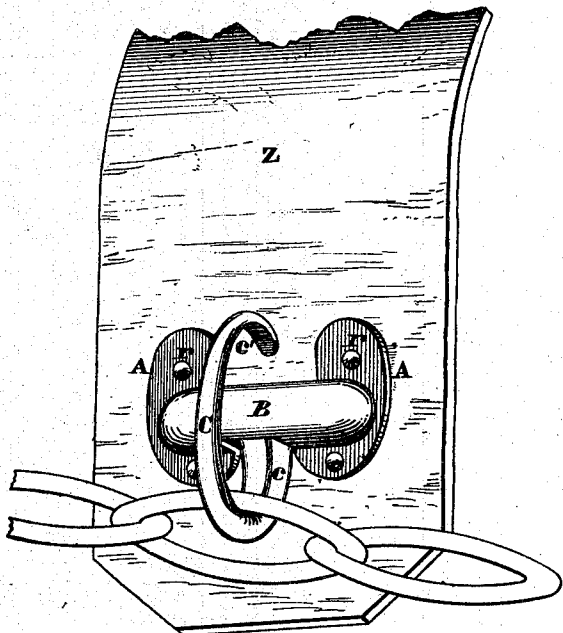


FIG. 5.

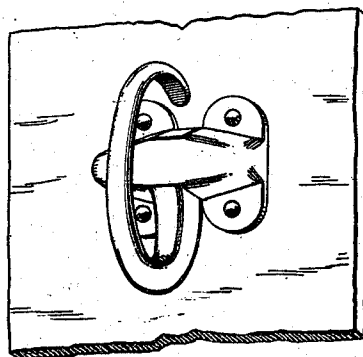


FIG. 6.

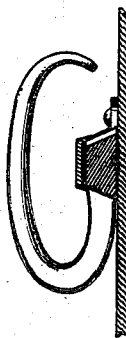


FIG. 9.

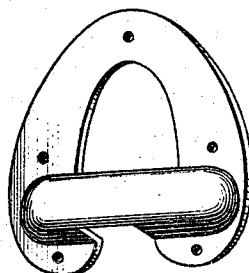


FIG. 2.

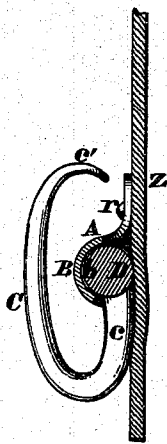


FIG. 4.

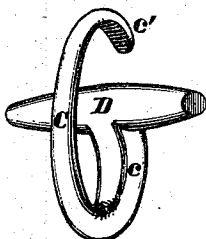


FIG. 7.

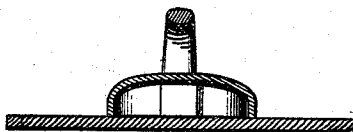


FIG. 3.

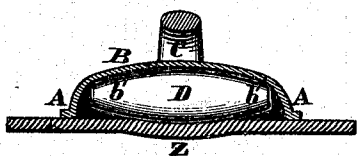
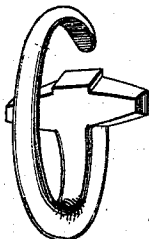


FIG. 8.



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*By his Attorneys*  
*Knight & Bros.*

ATTEST.  
*Jas. H. Layman,*  
*William Brewer*

# United States Patent Office.

MICHAEL REILLY, OF COVINGTON, KENTUCKY.

Letters Patent No. 104,646, dated June 21, 1870.

## IMPROVED HARNESS-HOOK.

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

I, MICHAEL REILLY, of Covington, Kenton county, Kentucky, have invented a new and useful Harness-Hook, of which the following is a specification.

### *Nature and Objects of the Invention.*

My invention relates to a device for uniting the parts of harness; which combines the security of a buckle with the convenience and simplicity of a common hook, and is an improvement on the harness-hook made the subject of a patent to me, numbered 67,675.

### *General Description with Reference to the Drawing.*

Figure 1 is a perspective view of my improved harness-hook, with a portion of the back-strap and trace.

Figures 2 and 3 are a vertical and a horizontal section of the same.

Figure 4 shows the hook proper detached.

Figures 5, 6, and 7, are respectively a perspective view and a vertical and a horizontal section, representing a modification of my invention.

Figure 8 shows said modified hook detached.

Figure 9 represents a form of my hook-plate, adapted for heavy harness.

My hook proper, C, has the represented elliptical form, with an opening, *c*, in its rear upper quarter, for the insertion of a link of the trace-chain or other part of the harness, and with a fusiform pintle, D, which is confined to the back-strap Z, or other part of the

harness, by means of a cap, B, having ears, A, which receive rivets, *r r' r'' r'''*, by which they are fastened to the strap.

The rivets *r r'* being below, and the rivets *r'' r'''* above the pintle, serve to hold the leather firmly against the rear portion *c'* of the hook, so as to hold the recurved point *c''* down, and thus both prevent the accidental escape of the link and the entanglement of other parts of the harness.

It will be seen that the hook and cap, respectively, are simple castings, requiring no cores, nor any filing or finishing in putting them together, nor any riveting, except that required for securing the plate to the leather.

Where little or no mobility of the hook proper is desired, the pintle and its corresponding cavity may be given a more or less flattened form, as in the modification shown in figs. 5, 6, and 7.

### *Claim.*

I claim as new and of my invention—

The cap or plate A A B and hook C D, formed and adapted to operate as set forth.

In testimony of which invention, I hereunto set my hand.

MICHAEL REILLY.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.