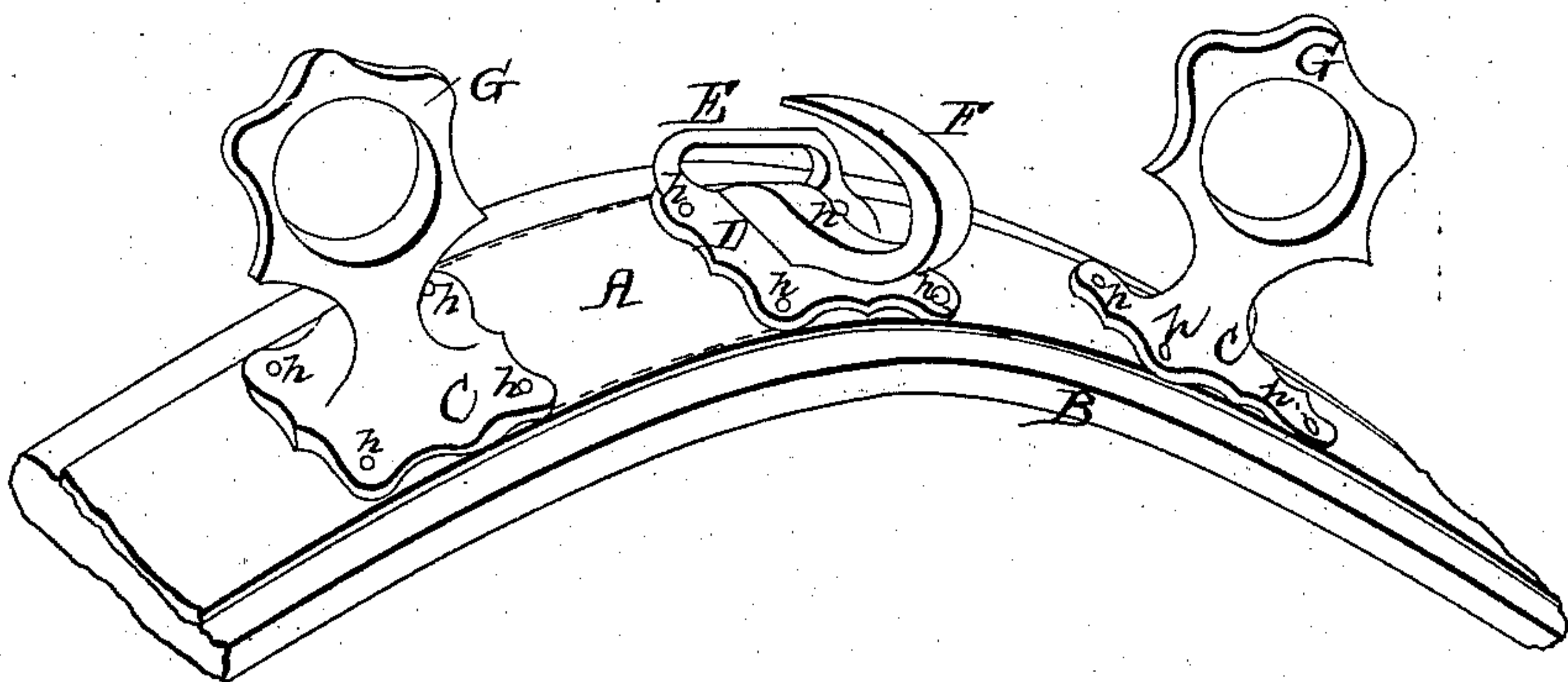


W. R. Ferguson
Harness Trimming.

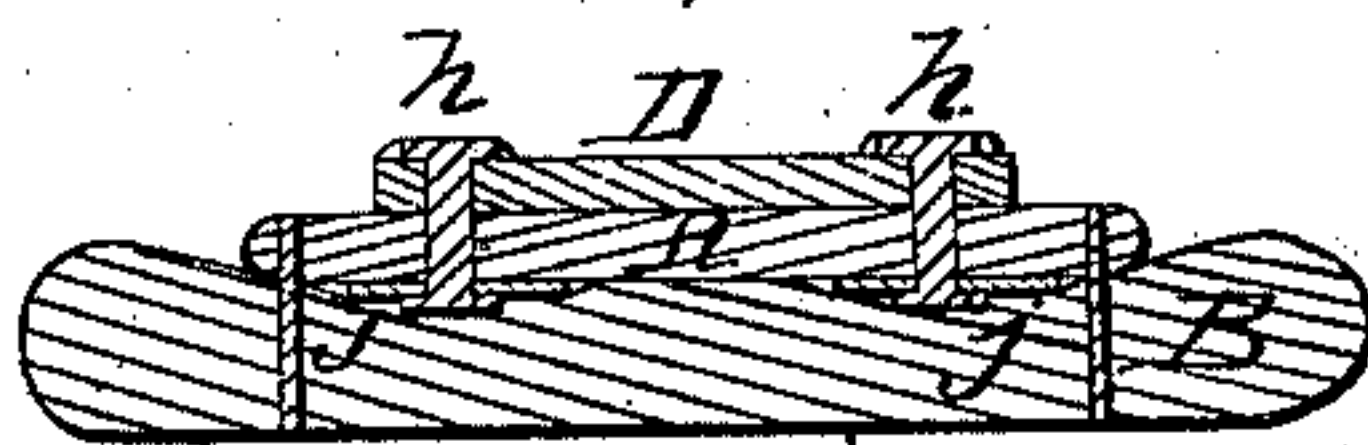
N^o 67,861.

Patented Aug. 20, 1867.

Fig; 1:



Fig; 2.



Witnesses;
Geo. F. F. Chapin
A. Haynara

Inventor;
W. R. Ferguson
By his attorneys
Geo. F. Chapin

United States Patent Office.

WILLIAM R. FERGUSON, OF MARSEILLES, ILLINOIS.

Letters Patent No. 67,861, dated August 20, 1867.

IMPROVEMENTS IN HOOKS AND TERRETS.

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, W. R. FERGUSON, of Marseilles, in the county of La Salle, and State of Illinois, have invented a new and useful Improvement in Hooks and Terrets for Harness; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings and letters marked thereon, making a part of this description, in which—

Figure 1 is a perspective representation of my invention as attached to the back-pad.

Figure 2, a section of the same taken through said pad and the fastening which secures the terret.

The nature of my invention consists in the construction and arrangement of a hook and terret, to be used on the back-pad of a harness, by means of new fastenings and enlarged base-plates arranged with holes, through which rivets are made to pass and secure them to the outer layer of the pad.

The present arrangement for securing hooks and terrets consists in the use of a shank and screw turned into a nut secured in the pad, which requires that the latter should be stuffed to a considerable thickness, in order to prevent the back of the horse from being injured when the pad is in use. My invention requires that there need be but little or no more stuffing in the pad than if the hook and terrets were left off entirely, for their bases rest on the outside of the upper layer, and are held by rivets and thin washers not liable to injure the horse, although nothing but a thin strap is put between them and the animal's back. Further, the base-plate can be made very ornamental, and in any style desired, thus providing means for making a back-pad both neat and substantial.

In order to give a correct understanding of my invention, I have marked corresponding parts with similar letters, and will now give a detailed description.

A represents the upper layer of the back-pad, to which the hook F and terrets G G are attached, the tops of them being made similar to those in common use, as are also the shanks of the two latter. The bases C C D are cast solid to the other parts, and made broad enough to provide a suitable seat, and with a suitable number of holes through them, in order that they may be riveted fast to the layer A. Fig. 2 shows clearly the method of fastening, consisting in putting rivets h h h h through bases D C C, the outer layer A, and washers J J J J, after which the rivets are headed, and the part A fastened to the part B in the usual manner. It will be seen, from this, that if one of the terrets should get broken, the upper layer can have the stitches removed so as to put a new one in its place without disturbing the padding B.

I am not particular as to the means used in the manufacture, nor the kind of material employed, preferring, however, malleable iron or brass finished in the usual manner. It will be seen, at fig. 1, that my invention can be used on any style of harness, but is peculiarly adapted for light and fancy carriage-harness which are to be strong and ornamental.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A hook, F, and terrets G G, having bases D C C made to fit the outer layer A of the back-pad, and secured to it by means of rivets h h h h and washers J J J J, substantially as and for the purpose herein specified.

WM. R. FERGUSON.

Witnesses:

GEO. S. CHAPIN,

A. HAYWARD.