

F. S. BARDEN.

BLIND IRON.

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994,561.

Patented June 6, 1911.

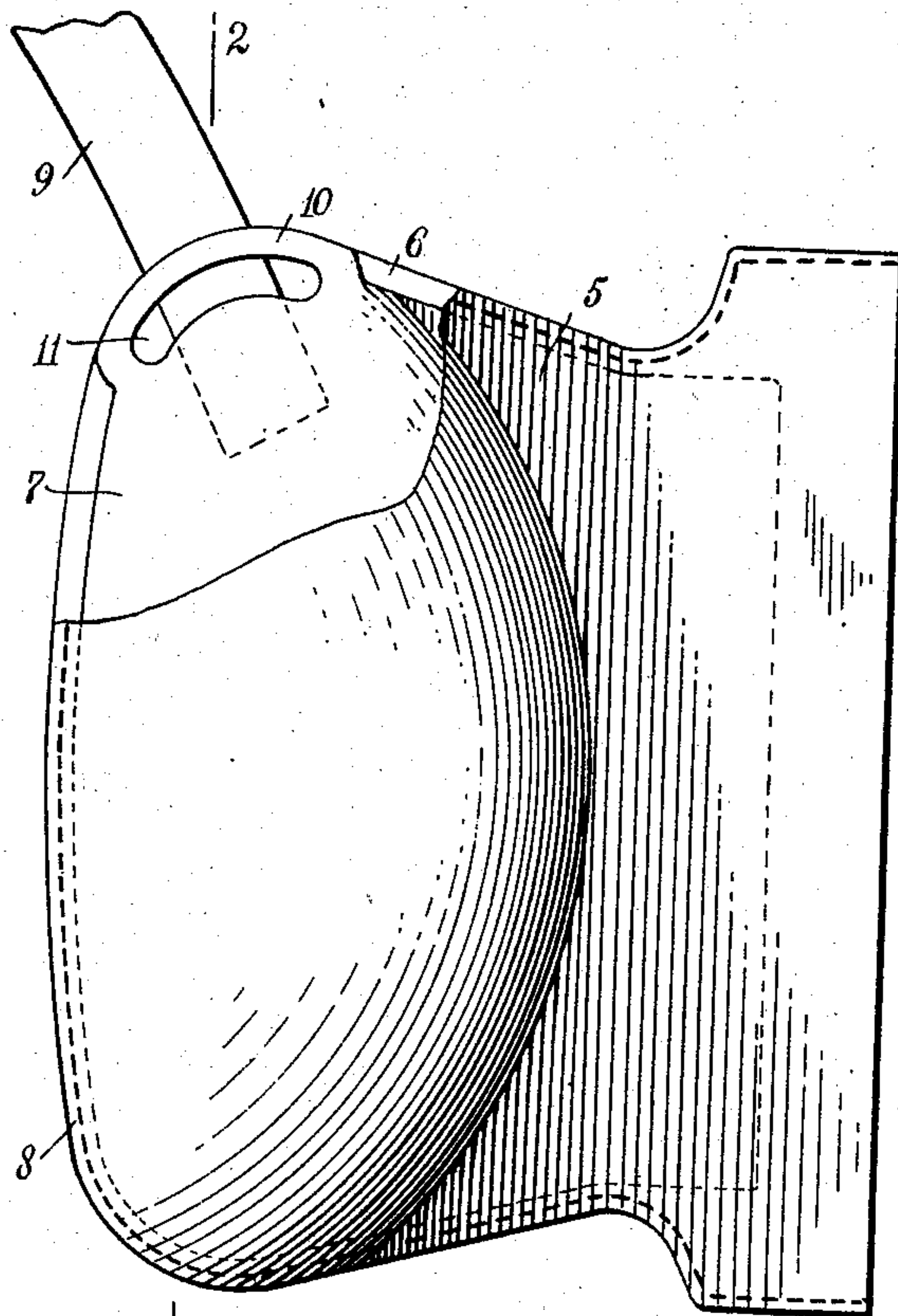


Fig. 1.

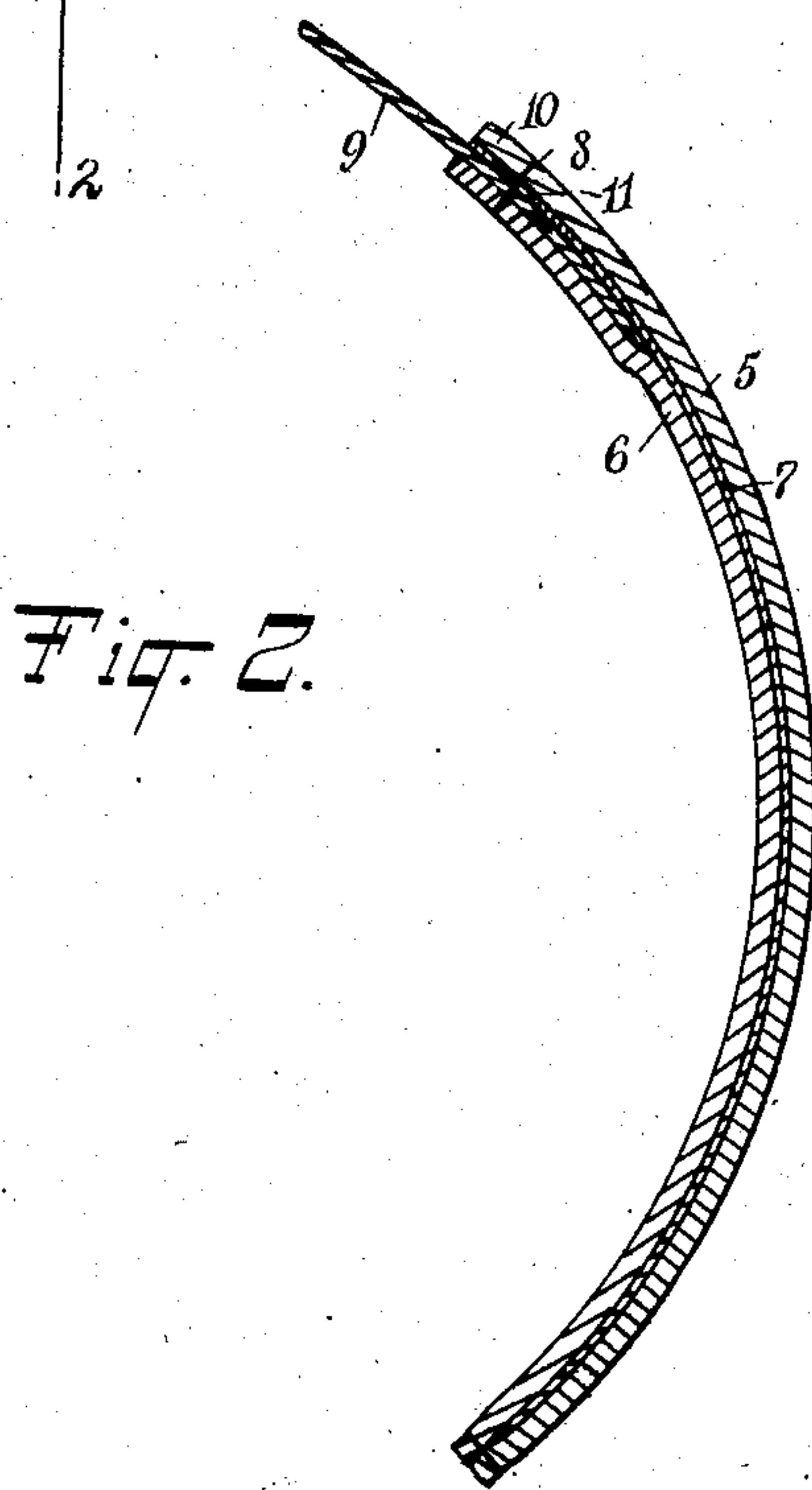


Fig. 2.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

FRANCIS STEPHEN BARDEN, OF SALIDA, COLORADO.

BLIND-IRON.

994,561.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed June 15, 1910. Serial No. 566,968.

*To all whom it may concern:*

Be it known that I, FRANCIS S. BARDEN, a citizen of the United States, and a resident of Salida, in the county of Chaffee and State of Colorado, have invented a new and Improved Blind-Iron, of which the following is a full, clear, and exact description.

The invention is an improvement in blind irons or blind stiffeners such as are ordinarily used in the blinds of harness, and has for its object a stiffener which prevents the breaking of the stitches or leather of the blind by rubbing, or other causes, at the point of attachment of the winker brace, and the brace from being torn out. To this end I extend the upper outer corner of the iron to the edge of the leather, and provide the extended portion or ear with a thread-eye or slot, through which the threads or other fastenings securing the winker brace in place pass.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a side view of a harness blind having my improved iron or stiffener applied thereto, the outer leather covering of the blind being partly broken away to show the nature of my improvement; and Fig. 2 is a section on the line 2—2 of Fig. 1.

I have shown my improvements applied to a harness blind of the customary construction, the same comprising an outer and inner leather covering 5 and 6 respectively, and an intermediate iron or stiffening plate 7, the leather coverings being extended slightly beyond the edge of the stiffening plate at the outer portion of the blind, where they are stitched together as indicated at 8. Also, this portion of the blind is outwardly dished in accordance with the usual practice. At the upper outer corner of the blind where the winker brace 9 is generally attached, as by sewing the same between the leather coverings, the stitches frequently break after the harness has been in use a short time, and allow the brace to tear out. In addition to this, the leather coverings 5 and 6, are ordinarily broken at the edge at this point. To prevent this I design the present improvement, which is carried out by extending the stiffener plate or iron at

this corner of the blind to stand approximately flush with the edges of the two leather coverings, this extended portion or ear 10 being provided with a thread-eye or slot 11, arranged along the lines of the stitches 8, and through which the leather coverings are sewed together, with the stitches passing through the winker brace, the latter, as shown in Fig. 2, passing into the blind between the inner covering 6 and the iron or stiffener 7. With the blind iron or stiffener thus constructed it is impossible to break down the edge of the blind where the winker brace is attached, by ordinary wear, or break the stitches securing the winker brace or coverings, by the rubbing on the blind and the strain on the brace, to which these parts are subjected.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A harness blind comprising a stiffener having a covering and having an extended ear provided with a winker brace thread-eye, with the eye arranged substantially in the plane of the body of the stiffener and at the outer upper corner thereof and confined within the outline of the covering.

2. A harness blind comprising a stiffener plate having a covering and having a vertically-extended ear lying approximately flush with the edge of the covering and provided with a winker brace thread-eye.

3. In a harness blind, a stiffener, an inner and outer covering arranged over the stiffener and extended slightly beyond the edge thereof and sewed together, the stiffener having an extended ear at the upper outer corner provided with an opening, and a winker brace extended into the blind between the coverings and the said opening, with the stitches securing the coverings together extended through the said opening at the ear and passing through the winker brace.

4. A harness blind comprising a stiffener plate, outer and inner coverings inclosing the stiffener plate, and a winker brace secured to the blind, the stiffener plate having a thread-eye arranged at the outer upper corner thereof, through which the winker brace is sewed to the coverings.

5. A harness blind comprising a stiffening plate, and outer and inner blind coverings

inclosing the blind and extended beyond the  
edge thereof, the extended edges of the cov-  
erings being stitched together, the blind  
having an extended ear at the upper outer  
5 corner arranged approximately flush with  
the edges of the coverings and provided  
with a thread-eye along the line of stitching,  
securing the edges of the coverings together.

In testimony whereof I have signed my  
name to this specification in the presence of 10  
two subscribing witnesses.

FRANCIS STEPHEN BARDEN.

Witnesses:

H. K. ARNOLD,  
E. A. OWEN.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,  
Washington, D. C."

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