

(No Model.)

W. L. BELLIS.  
RIM PLATE FOR HORSE COLLARS.

No. 287,497.

Patented Oct. 30, 1883.

Fig 1

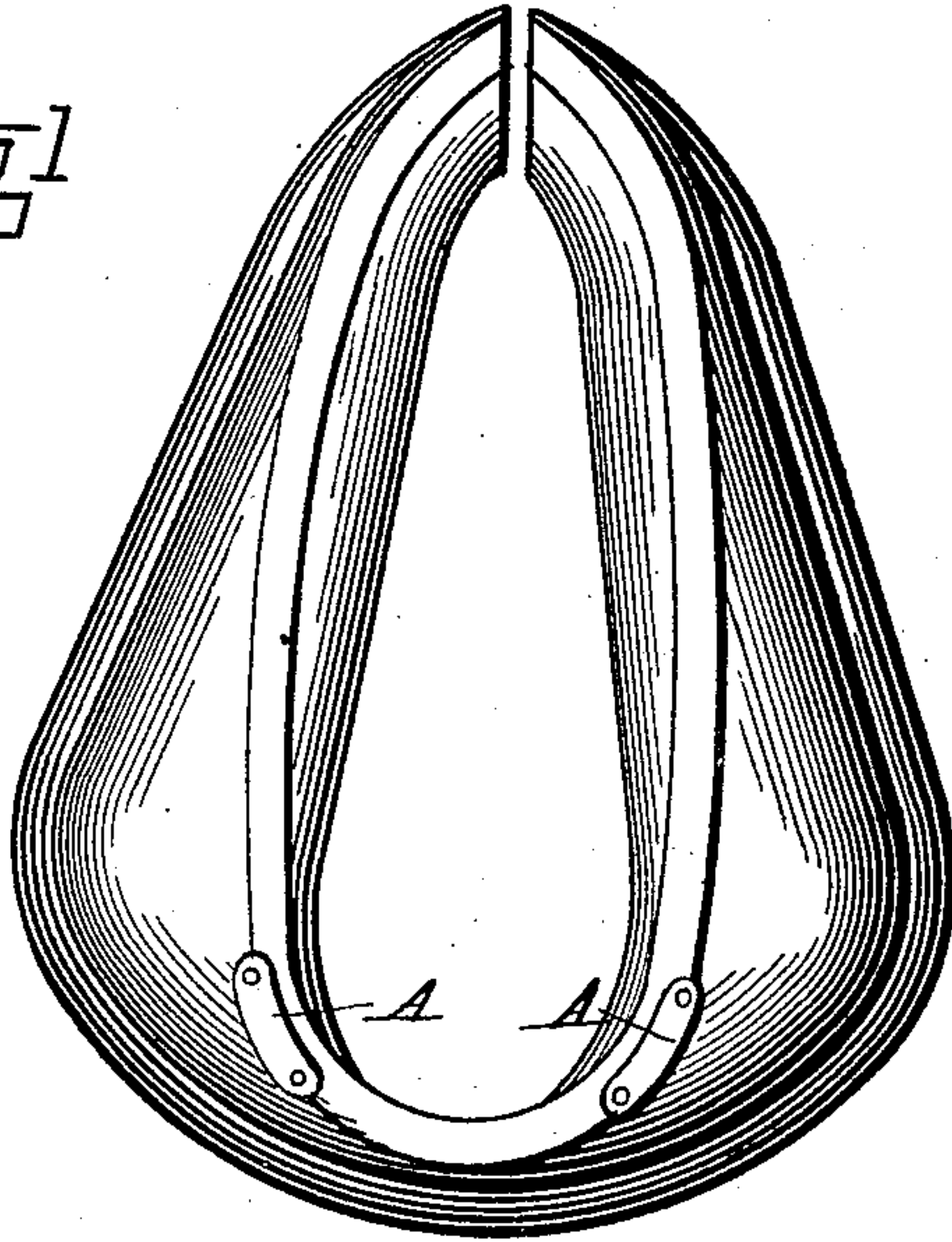


Fig 2

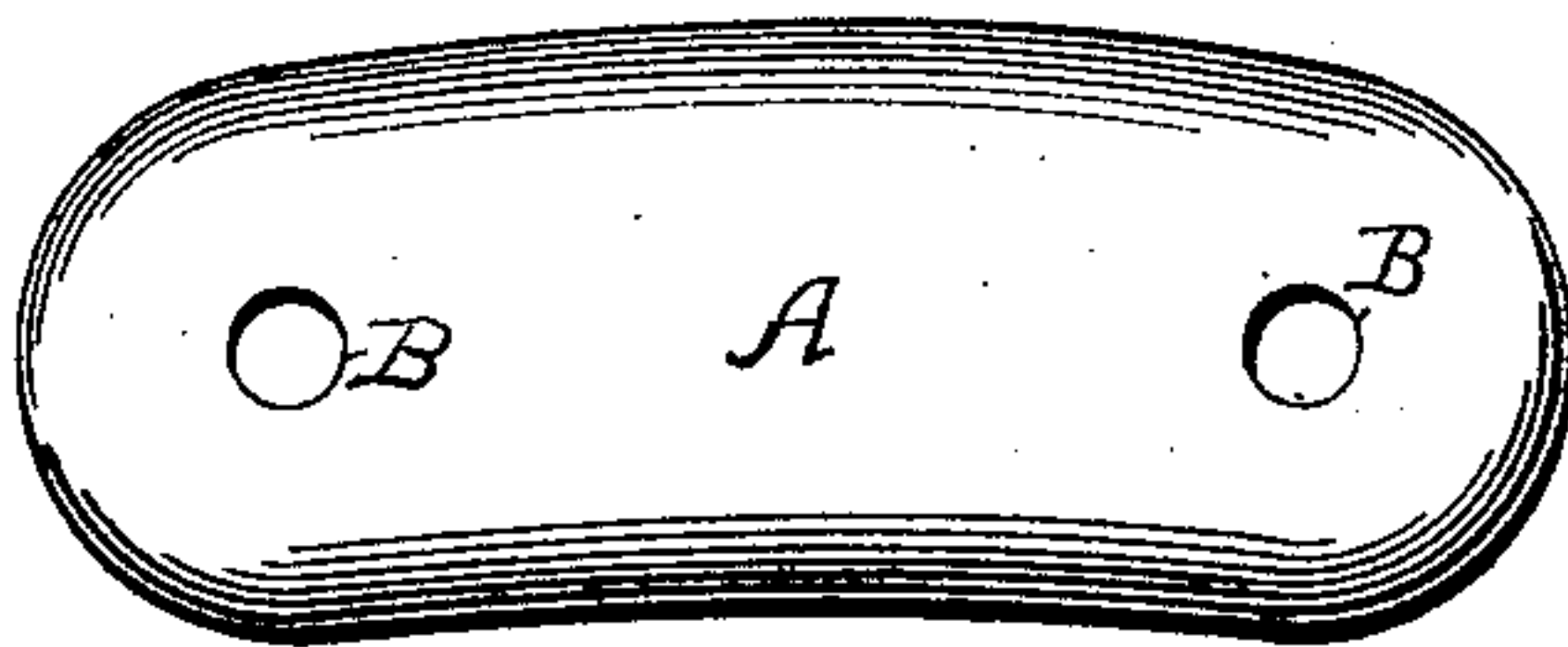


Fig 3



WITNESSES:

*Adm. L. Dieterich*  
*Geo. G. Hinkel*

INVENTOR.

*William L. Bellis*  
*per Geo. C. Tracy*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM L. BELLIS, OF CLEVELAND, OHIO.

## RIM-PLATE FOR HORSE-COLLARS.

SPECIFICATION forming part of Letters Patent No. 287,497, dated October 30, 1883.

Application filed September 11, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM L. BELLIS, of Cleveland, county of Cuyahoga, and State of Ohio, have invented a new and useful Improvement in Rim-Plates for Horse-Collars, and I do hereby declare that the following is a full, clear, and exact description of the same, reference being made to the accompanying drawings, and to letters of reference marked thereon.

My invention relates to improvements in rim-plates for horse-collars; and its object is to construct a rim-plate which shall be inexpensive, easy of application, and of such conformation as to effect the greatest possible protection to the surface of the collar, while occupying the least possible space.

The invention consists in constructing said plate with convexed surface, rounded edges, and longitudinal curves, whereby it is made to stand out from the collar, and thus prevent the backing or holdback straps or chains from abrading and wearing away the collar.

In the accompanying drawings, Figure 1 is a perspective view of a collar, showing the rim-plates attached. Fig. 2 is a top view of one of the plates, and Fig. 3 a section midway through the same.

The collars used by double teams are subject to a great deal of wear at the points where the holdback-straps bear upon the lower part

of the collar, and they are frequently worn through at this point, and the collar is worn out long before other wear would affect it. It is to overcome these objections that I have invented the rim-plate shown in Figs. 2 and 3 and at A A in Fig. 1. This is a short piece of metal—malleable iron or other suitable material—having a shape which allows it to conform to the place upon the collar where it is to be set, having a convexed surface and a slightly conoidal shape, so that it stands out from the face of the collar, where it is placed, as seen at A A in Fig. 1. It is fastened by screws through the holes B B, or in any other suitable manner.

I am aware that rim-plates for horse-collars have been heretofore patented. I do not therefore claim, broadly, such invention; but

What I do claim is—

The perforated metal rim-plate A for horse-collars, having convexed outer surface and rounded edges, and curved longitudinally, in the manner described, whereby it is made to stand out from the face of the collar, as set forth.

This specification signed and witnessed this 7th day of August, 1882.

WILLIAM L. BELLIS.

Witnesses:

GEORGE H. SCHWAN,  
JNO. T. BOURKE.