

T. M. HART.
Carriage Washer.

No. 84,488.

Patented Dec. 1, 1868.

Fig. 1.

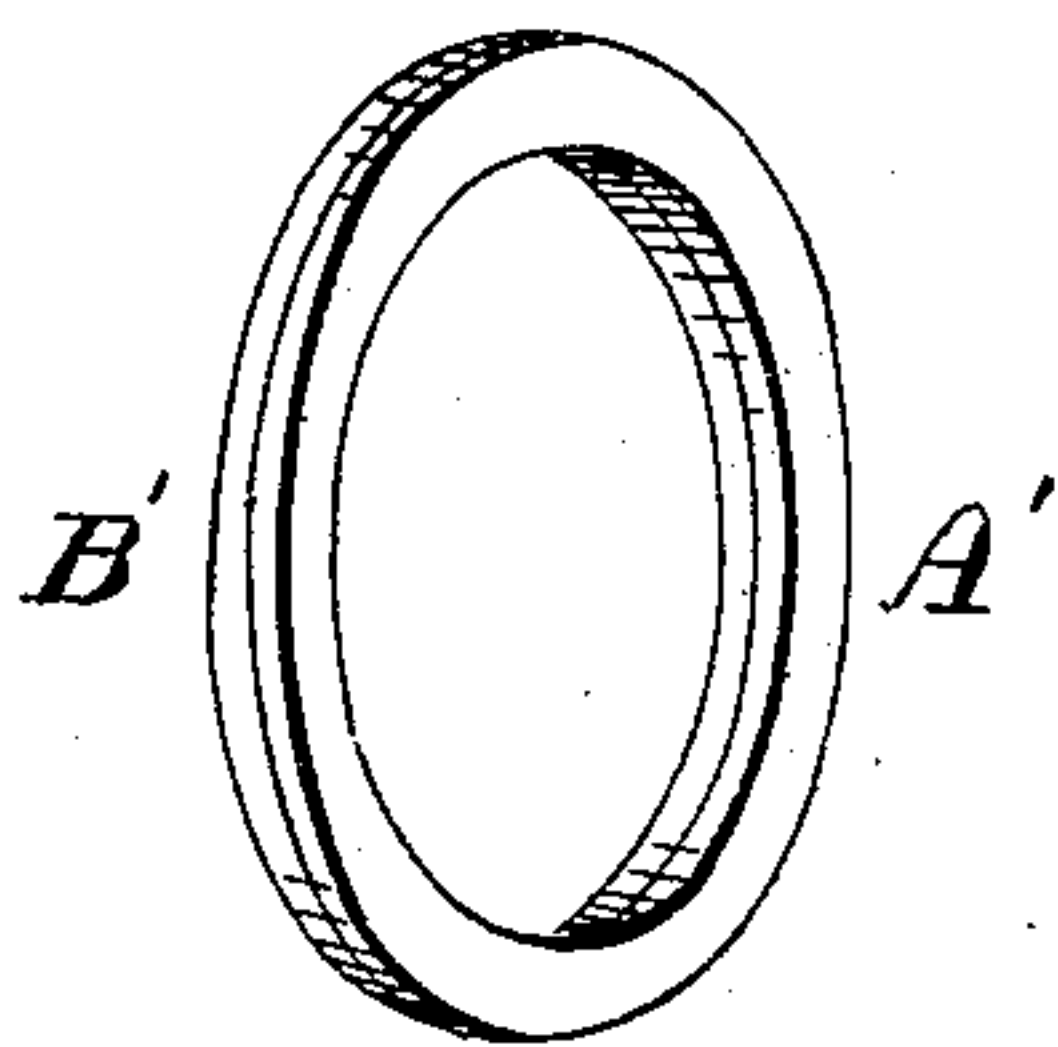
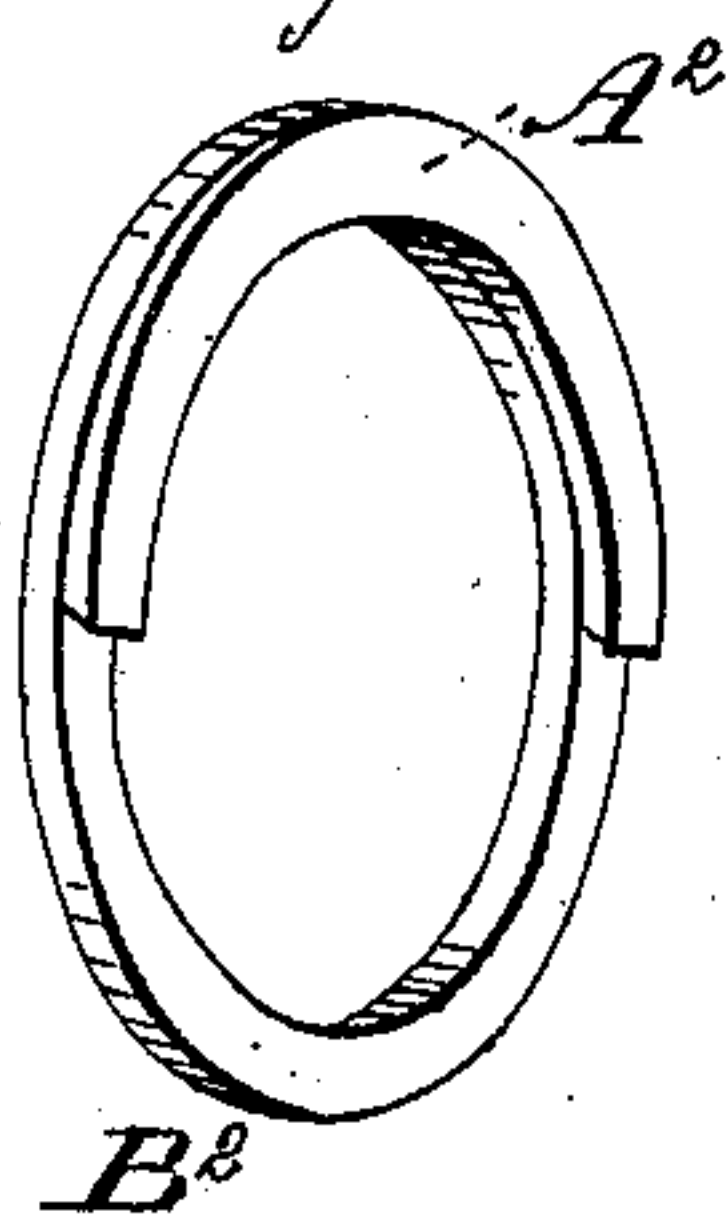


Fig. 2.



Witnesses.

Geo. Davis.

Chas. E. White.

Inventor.

Thomas M. Hart

United States Patent Office.

THOMAS M. HART, OF NEW BEDFORD, MASSACHUSETTS.

Letters Patent No. 84,488, dated December 1, 1868; antedated November 14, 1868.

IMPROVEMENT IN WOODEN WASHERS FOR CARRIAGES.

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, THOMAS M. HART, of New Bedford, in the county of Bristol, and State of Massachusetts, have invented a new and improved Wooden Washer for Carriage-Axles, and for other purposes; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in making wooden washers of two or more thicknesses of board, fastened together by glue or any adhesive compound, in such manner that the grain of each shall be at right angles to the other, to prevent splitting.

Figure 1 is a perspective view of my invention.

Figure 2 is a perspective view, with a part of front side removed.

Fig. 1. A¹ is the face of the washer; B¹, the back.

Fig. 2. A² is the face of the washer; B², the back.

In this invention, I do not claim any device previously invented or patented for washers; but

What I claim as my invention, and desire to secure by Letters Patent, is—

A wooden washer, made of two or more thicknesses of board, fastened together by glue or any adhesive compound, in such manner that the grain of one shall cross the grain of the other, to prevent splitting, as herein specified.

THOMAS M. HART.

Witnesses:

TH. E. M. WHITE,
JNO. DAVIS.