

F. VAN PATTEN.

Improvement in Head-Blocks for Carriages.

No. 129,768.

Patented July 23, 1872.

Fig. 1

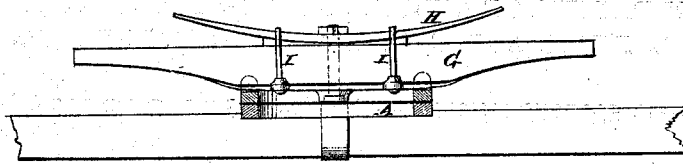


Fig. 2

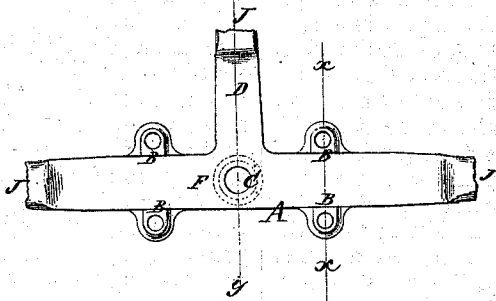


Fig. 3

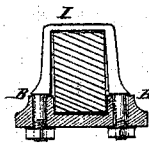
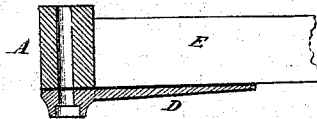


Fig. 4



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UNITED STATES PATENT OFFICE.

FREDERICK VAN PATTEN, OF AUBURN, NEW YORK, ASSIGNOR TO HIMSELF,
M. S. FITCH, AND E. D. CLAPP, OF SAME PLACE.

IMPROVEMENT IN HEAD-BLOCKS FOR CARRIAGES.

Specification forming part of Letters Patent No. 129,768, dated July 23, 1872.

Specification describing certain Improvements in Head-Block for Carriages, invented by FREDERICK VAN PATTEN, of Auburn, in the county of Cayuga and State of New York.

The object of this invention is to furnish to carriage-makers what is known as the "T-plate" or "head-block" in a more perfect form and at a cheaper rate than it has heretofore been obtained; and consists in a "head-block" stamped or pressed out by machinery to a perfect form, with the bolt-holes bossed and the plate strengthened thereby, the construction being as hereinafter more fully described.

In the accompanying drawing, Figure 1 represents a view of the carriage-axle, showing the application of the head-block to its legitimate purpose. Fig. 2 is a view of the head-block, detached. Fig. 3 is a vertical section of Fig. 2 taken on the line *x x* when the latter is applied. Fig. 4 is a vertical section of Fig. 2 on the line *y y*, shown as when the head-block is applied.

Similar letters of reference indicate corresponding parts.

A is the head-block or T-plate, which, by means of a drop-press or stamp and die, is formed with "bosses" or raised portions around the bolt-holes B and central hole C, as seen in the drawing. The branch D receives the reach E of the carriage, while the main portion F is

connected with the bolster G and secures the spring H by means of clips I, as seen in Fig. 1. The head-block heretofore in common use is simply a flat T-plate provided with the proper holes without bossing; or, if the iron is raised around the holes, it is done at great expense of time and trouble. As a piece of hand-forging it is one of the most difficult to perform of all the parts known as "carriage hardware." I stamp out this piece by heavy machinery provided for the purpose, and consequently produce an article every way superior to hand-made work, and at greatly reduced expense. I leave the ends J of the head-block unfinished, so that they may be drawn out to the proper length and size to suit the wood-work of the particular carriage for which the head-block may be intended.

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

As a new and improved article of manufacture, the head-block or T-plate A, when the same is stamped or pressed out, substantially as seen and described.

FREDERICK VAN PATTEN.

Witnesses:

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