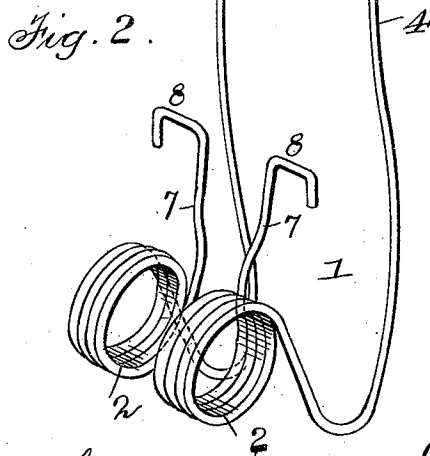
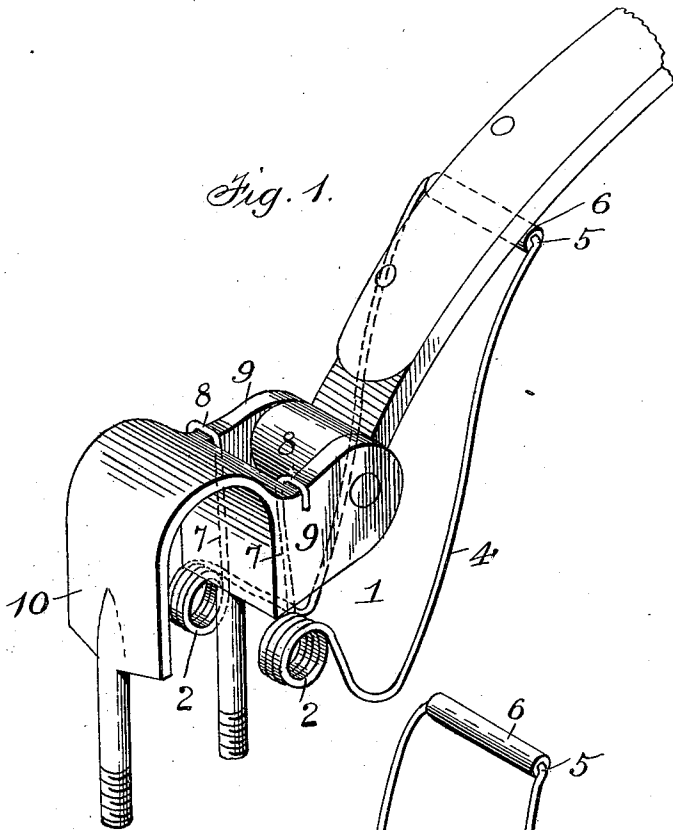


(No Model.)

G. L. BOWMAN.
THILL SUPPORT.

No. 555,072.

Patented Feb. 25, 1896.



Witnesses
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A. C. Smith.

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UNITED STATES PATENT OFFICE.

GEORGE L. BOWMAN, OF STOYESTOWN, PENNSYLVANIA.

THILL-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 555,072, dated February 25, 1896.

Application filed August 1, 1895. Serial No. 557,873. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. BOWMAN, a citizen of the United States, residing at Stoyestown, in the county of Somerset and State of Pennsylvania, have invented certain new and useful Improvements in Thill-Supports; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to thill-supports.

The object of my invention is to simplify the construction and to provide a thill-support which will retain the thills at any desired inclination.

With these objects in view the invention consists of certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my invention applied. Fig. 2 is a similar view of the support removed from the axle-clip.

1 denotes the support, which consists of the two coiled springs 2, the outer ends of which extend downward, thence terminating in upwardly-inclined arms 4, connected by a cross-piece 5, upon which is mounted the antifric-tion-roller 6. The inner ends 7 of the springs extend upward and are formed with hooks 8 at their extremities, which engage the parallel ears 9 of the axle-clip 10, thus securing the support to the axle. In this position the roller on the cross-bar will engage the under side of the thill, and the support will hold the thill in any desired elevated position. When

the thill is raised and lowered, the roller will roll along the under side and will not mar the thills by scratching the paint therefrom, nor cause the disagreeable screeching sound. As the springs of the support are located under the axle, the support is practically unnoticeable, and will therefore not detract from the neat appearance of the vehicle.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood. The support, with the exception of the roller, being made of but a single piece of wire, it is evident that it may be placed upon the market at a small cost.

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

The combination with the clips of a vehicle and the thills pivoted thereto, of the support consisting of the coiled springs, the outer ends of which are bent downward, thence upward and forward to form parallel arms with a connecting cross portion, and the inner end of the springs extended upward and thence bent outward and downward, forming hooks to engage with the edges of the clip, and the antifric-tion-roller on the cross portion connecting said arms, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE L. BOWMAN.

Witnesses:

M. V. SORBER,

H. F. ZIMMERMAN.