



# United States Patent Office.

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*Letters Patent No. 80,941, dated August 11, 1868.*

## IMPROVEMENT IN HOSE-TENDERS.

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, HENRY A. GILBERTSON, of New York, in the county of New York, and State of New York, have invented, made, and applied to use certain new and useful Improvements in Hose-Tenders or Carriages; and do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the annexed drawings, making part of this specification, which represents, in—

Figure 1, a perspective view of my improvement, and in

Figure 2 a plan of the same.

Similar marks of reference denote the same parts.

The object of my invention is to produce a hose-tender or carriage that shall have a covering for the wheels, to protect firemen, while riding on the hose-reel, from coming in contact with the wheels, and at the same time providing seats on said covering, so that they can ride on the apparatus in going to the fire.

*a a* are the wheels, over which are coverings or protectors, *b b*, the upper portions, *c c c c*, being formed into seats. *d* is a brace firmly secured to the seat on each side of the reel *e*. *f f f f* are the supports for the feet, the whole covering or protector being supported by the pieces *g g*, running across the main shafts *i i*, and projecting beyond said shafts.

In making hose-tenders with my improvement, I have accomplished an object that has been long wanted, namely, a protector for the wheels, that will prevent accidents to firemen, while riding to fires, by coming in contact with the wheels, and forming said protectors into seats.

My drawing shows a hose-tender with two wheels, having seats that will accommodate four persons; but do not confine myself to two-wheel apparatus, as four-wheel apparatus can be made on my improvement, either by making one covering large enough to cover both wheels on a side, making two seats each side, or a covering for each wheel, making four seats each side.

I am aware that wagons and carts have been made with similar coverings to those I claim, and do not claim broadly vehicles with protectors over the wheels formed into seats, but simply as applied to hose-tenders or carriages for fire-department purposes.

It will be seen by the drawing, that the running-gear and reel for holding the hose are made in the usual way, my tender differing from the ordinary tender in having pieces crossing and projecting from the main shafts, for supporting the covering for the wheels, said covering made of metal, wood, or any other suitable material, and made in one or more pieces, and flat at the top, being curved until it reaches the foot-piece *f*, which is turned up at the proper angle; and in order to support the seats firmly, I provide a brace, *d*, which is firmly secured to the seats each side.

When an alarm of fire occurs, four firemen can comfortably ride to the fire (without danger of injury from the wheels) on the seats that I provide, which is of great importance, as hose-tenders, when drawn by horses, in a great many cases, arrive at the fire without sufficient men to unreel the hose, causing delay; and it is well known that the efficiency of a fire-company depends upon the length of time it requires to get to work after the alarm has been given.

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

A hose-tender or carriage, having coverings or protectors *b b*, seats *c c c c*, and brace *d*, in substantially the manner described and shown, and for the purposes set forth.

H. A. GILBERTSON.

Witnesses:

FRED. J. MILLER,  
WM. LEWIS JONES.