

(No Model.)

C. R. BUTTS.
BUGGY WASHING DEVICE.

No. 416,824.

Patented Dec. 10, 1889.

Fig. 1

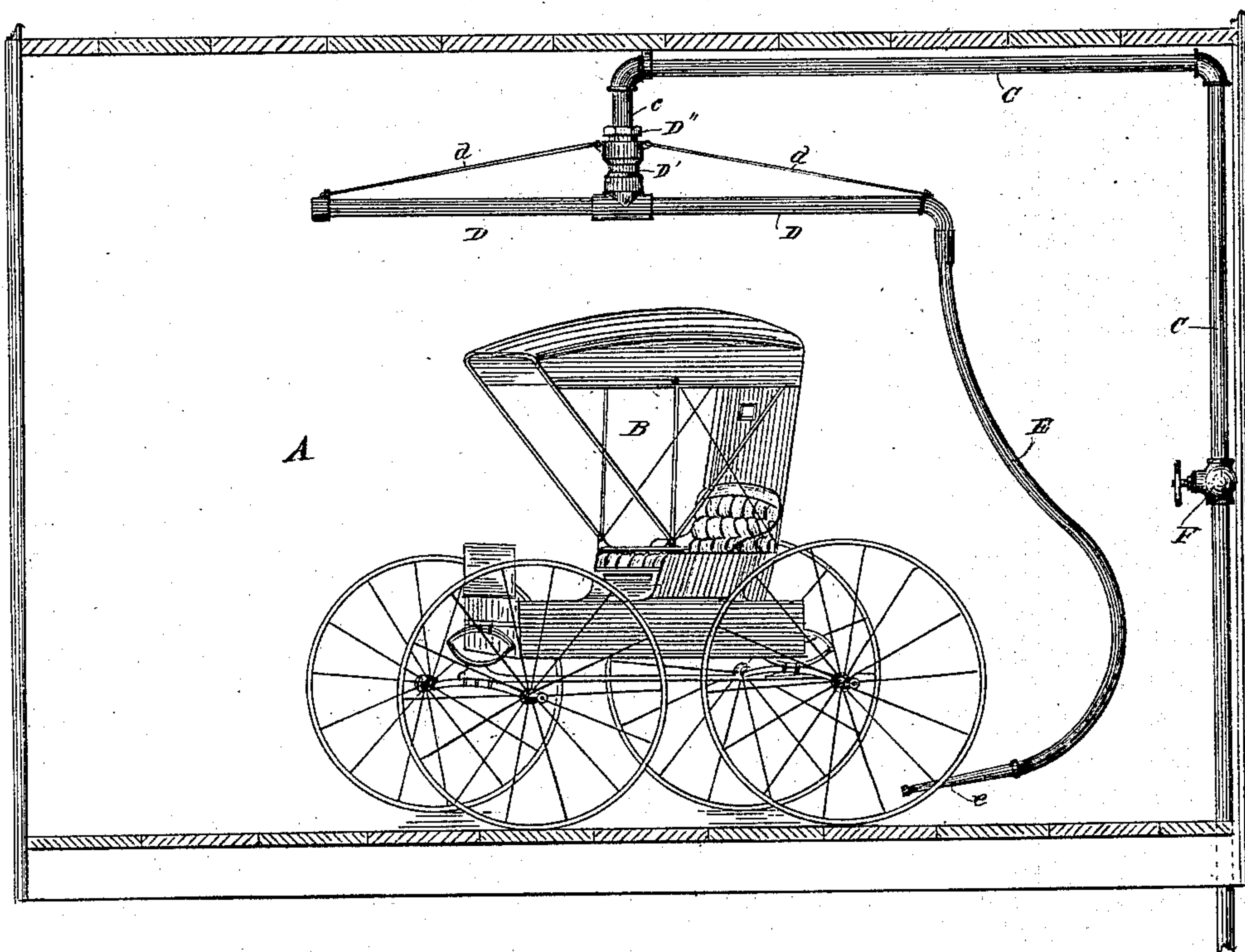
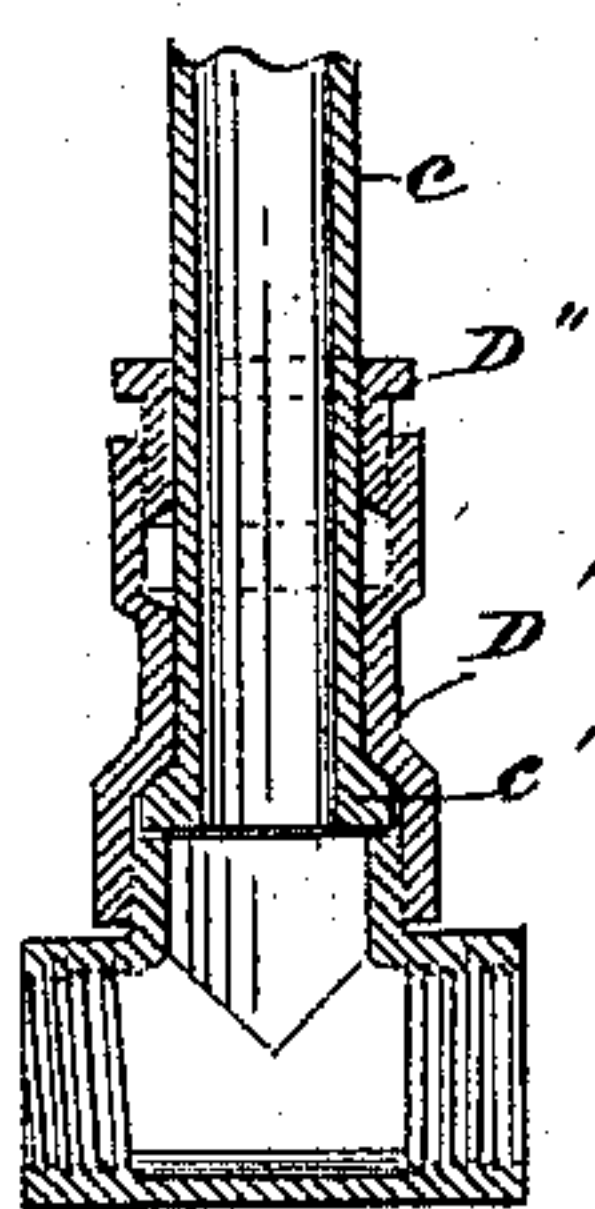


Fig. 2



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES R. BUTTS, OF MINNEAPOLIS, MINNESOTA.

BUGGY-WASHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 416,824, dated December 10, 1889.

Application filed May 4, 1889. Serial No. 309,649. (No model.)

To all whom it may concern:

Be it known that I, CHARLES R. BUTTS, a citizen of the United States, and a resident of the city of Minneapolis, county of Hennepin, State of Minnesota, have invented a certain new and useful Buggy-Washing Device, of which the following is a specification, reference being had to the accompanying drawings.

My invention has for its object to provide a simple and efficient device for use in washing vehicles. To this end I pivotally connect a pipe-section to the water-supply pipe and to the end of the pivoted section I attach a flexible hose with a nozzle of the ordinary construction. The water-supply pipe is preferably supported at such a height as to be above the top of the ordinary carriage or other vehicle, and the pivoted section attached thereto is of such a length as to swing the flexible hose clear of the top of the vehicle in applying water to its various parts. The connection between the stationary and the pivoted sections of pipe may be made in any suitable way which will give a water-tight joint. I have designed, however, for the purpose a special coupling, which will be hereinafter described.

In the accompanying drawings, like letters referring to like parts throughout, Figure 1 is a side elevation of my invention in position for use, and Fig. 2 is a vertical longitudinal section of the coupling between the stationary and pivoted sections of the water-supply pipe.

A represents the interior of a barn or carriage-house, and B a buggy in the same in position to be washed.

C is the stationary section of the water-supply pipe, secured, as shown, to the ceiling of the carriage-room and terminating in a vertical branch *c*.

D is the pivoted section, mounted on a down

branch *c* of the stationary section C, so as to turn freely thereon, the connection being made by a sleeve D', rigidly secured to the section D and fitting outside of the branch *c* of the stationary section C, and being held thereon by the shoulder *c'*, and a tight joint therewith being formed by a packing D''.

E is the flexible hose, attached to one end of the pivoted section D, and *e* is the discharge-nozzle of the same. For the better supporting of the pivoted section in the horizontal plane its extremities may be connected to the top of the sleeve D by brace-rods *d*.

F is a stop-cock in the stationary section of the supply-pipe.

The operation is evident. The section D, freely turning in a horizontal plane, permits the flexible hose E to be swung around into all positions with respect to the vehicle without dragging thereon, and enables the operator to quickly apply the water wherever desired.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. A device for use in washing vehicles, comprising a horizontally-pivoted section of supply-pipe at a height to clear the vehicle and a section of flexible hose attached to the discharge end of the same, substantially as described.

2. The combination, with a suitable support of a height to clear the top of a vehicle, of a vertical section of a water-supply pipe secured thereto, a horizontal section of water-supply pipe pivotally mounted on said vertical section, and a section of hose attached to the discharge end of said horizontal section, substantially as described.

CHARLES R. BUTTS.

In presence of—

H. G. DUESLER,
JAS. F. WILLIAMSON.