

No. 846,491.

PATENTED MAR. 12, 1907.

L. I. LUTES.
SPRAYER.

APPLICATION FILED AUG. 10, 1906.

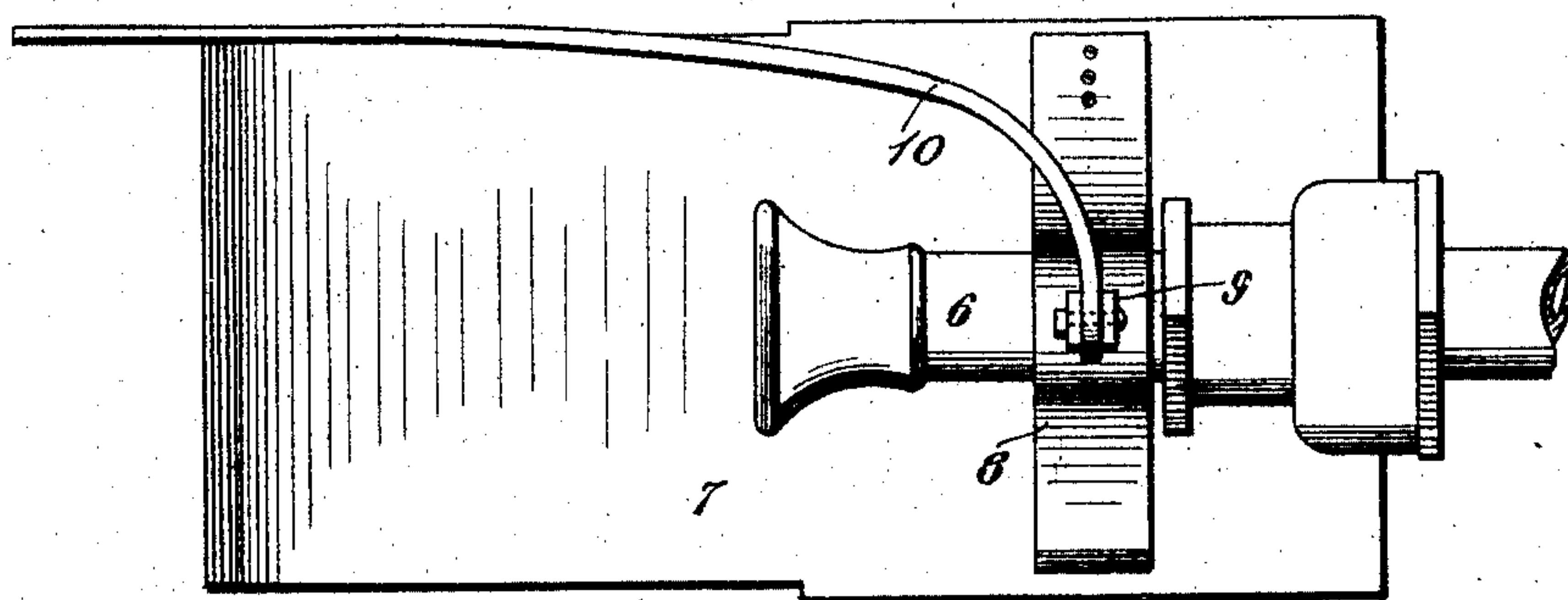


Fig. 1.

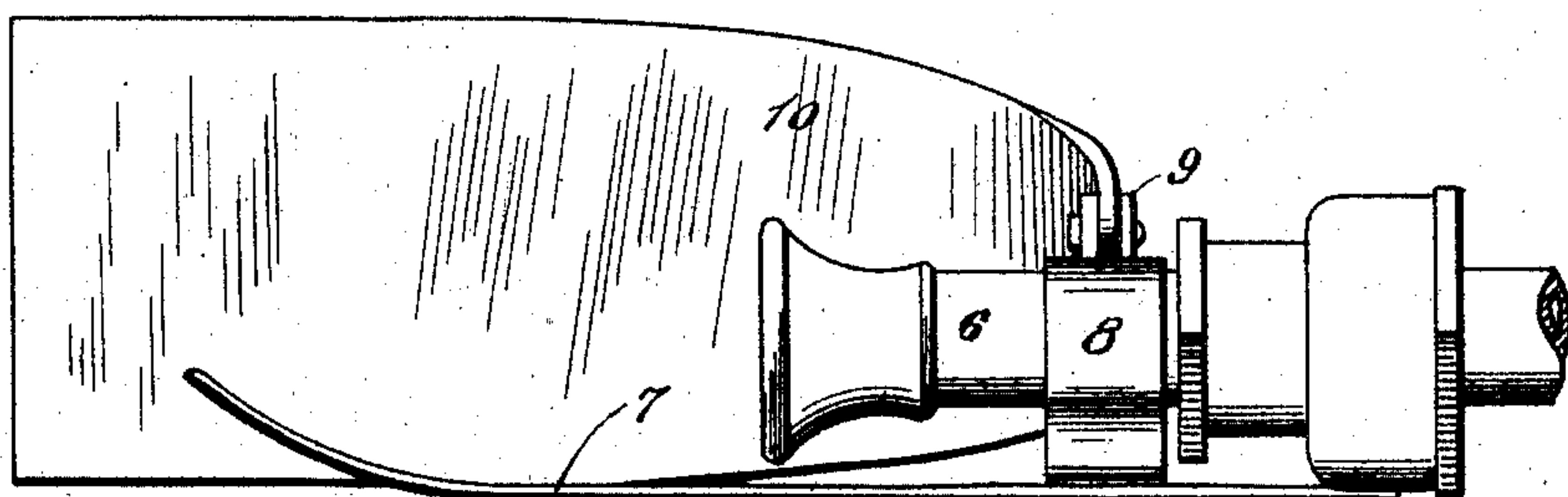


Fig. 2.

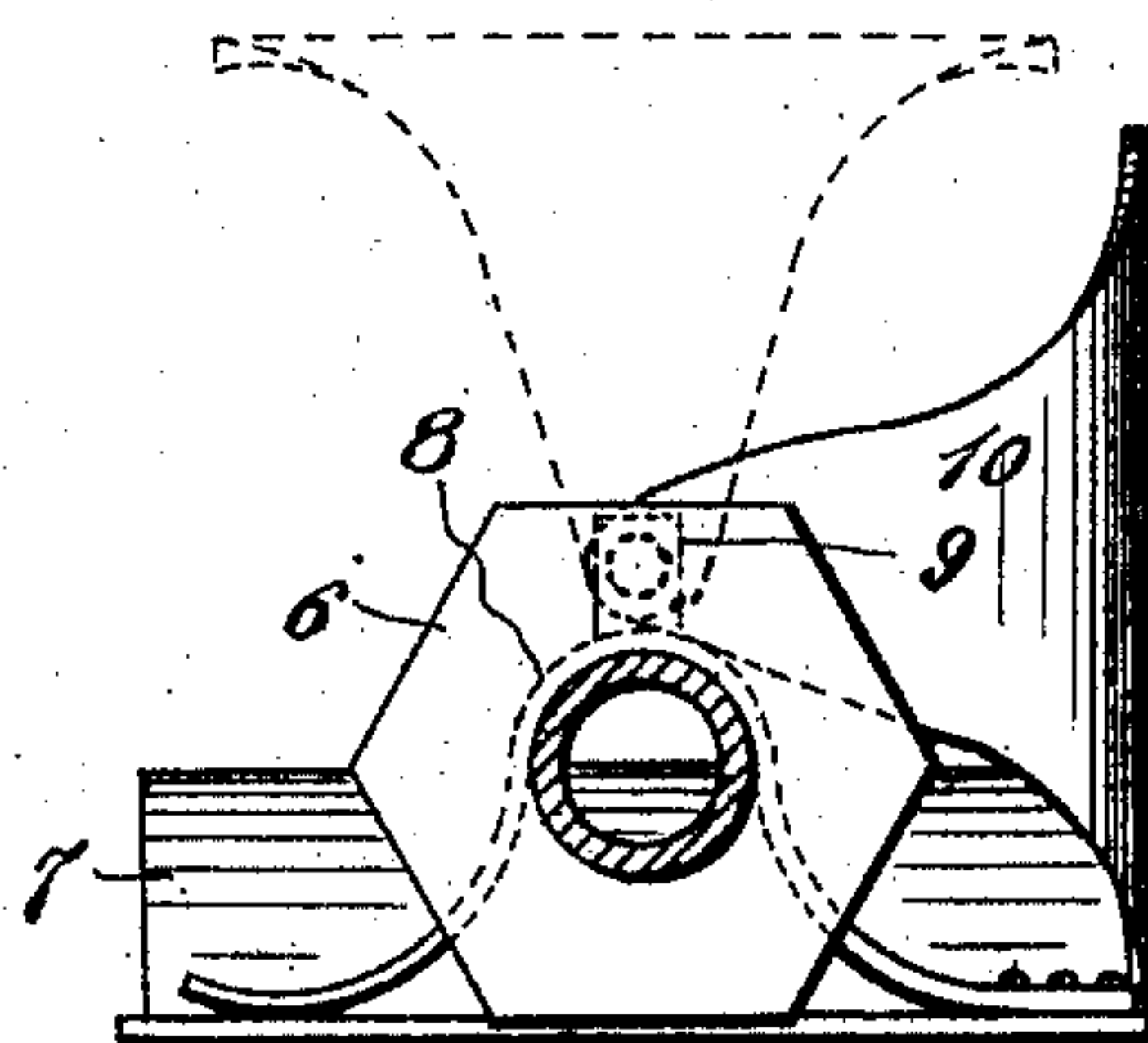


Fig. 3.

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LEWIS I. LUTES, OF DETROIT, MICHIGAN, ASSIGNOR TO MITCHELL T. BUCHANAN.

SPRAYER.

No. 846,491.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed August 10, 1906. Serial No. 330,028.

To all whom it may concern:

Be it known that I, LEWIS I. LUTES, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented new and useful Improvements in Sprayers, of which the following is a specification.

This invention is a spraying attachment for hose-nozzles; and its object is to provide an attachment which can be applied to any ordinary nozzle for the purpose of spreading or spraying the discharge therefrom.

A further object of the invention is to provide an improved device for deflecting or cutting off the discharge from one side of the sprayer, so that it can be placed close to walks and the like without wetting the same.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a top plan view. Fig. 2 is a side view, and Fig. 3 is a rear end view.

Referring specifically to the drawings, 6 indicates a nozzle of any of the usual forms for small hose. The sprayer comprises a plate 7, of sheet metal or the like, which is turned up at the front end to spread the stream discharged from the nozzle. The nozzle is attached to the rear end of the plate by means of a clip 8, which may be of any suitable form, although it is shown as a spring-clip fastened at one end to the plate and free at the other end for the nozzle to be slipped under. The invention is not limited to any particular form of clip nor to any particular way of fastening it to the plate.

At the top the clip has an upwardly-projecting stud 9, to which is pivoted a shield or deflector 10, consisting of a bent piece of metal, which extends laterally and for-

wardly from the pivot, so that when turned to one side or the other it will come at or about the side edge of the plate. The deflector is pivoted to swing over from one side to the other of the plate, so as to cut off the spray on either side, or it may be set in the middle, so that it will not interfere either way. The hinge or pivot can be made stiff enough so that the deflector will stay as set. When set directly above the plate, or in the middle position, the sides are open for the discharge of the spray; but when the sprayer is placed close to the walk or the like the deflector can be turned down adjacent to such walk, and so turn off the spray therefrom.

I claim—

1. A sprayer attachment for hose-nozzles comprising a spraying-plate having means to attach the nozzle thereto, and a deflector pivoted to the plate on a pivot extending substantially parallel to the plate and arranged to swing over the nozzle to either edge of the plate.

2. A sprayer attachment for nozzles comprising a spraying-plate turned up at the front end and having at the rear a clip to attach the nozzle, and a deflector comprising a plate pivoted on the clip and extending forwardly therefrom and arranged to swing over the plate and stand edgewise at either edge thereof.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEWIS I. LUTES.

Witnesses:

WM. H. CROSS,
ELIZABETH J. PRICE.