Imp't in Wash-paves.

Alfred C. Neall.

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PATENTED JUL 25 1871

Fig. 1.

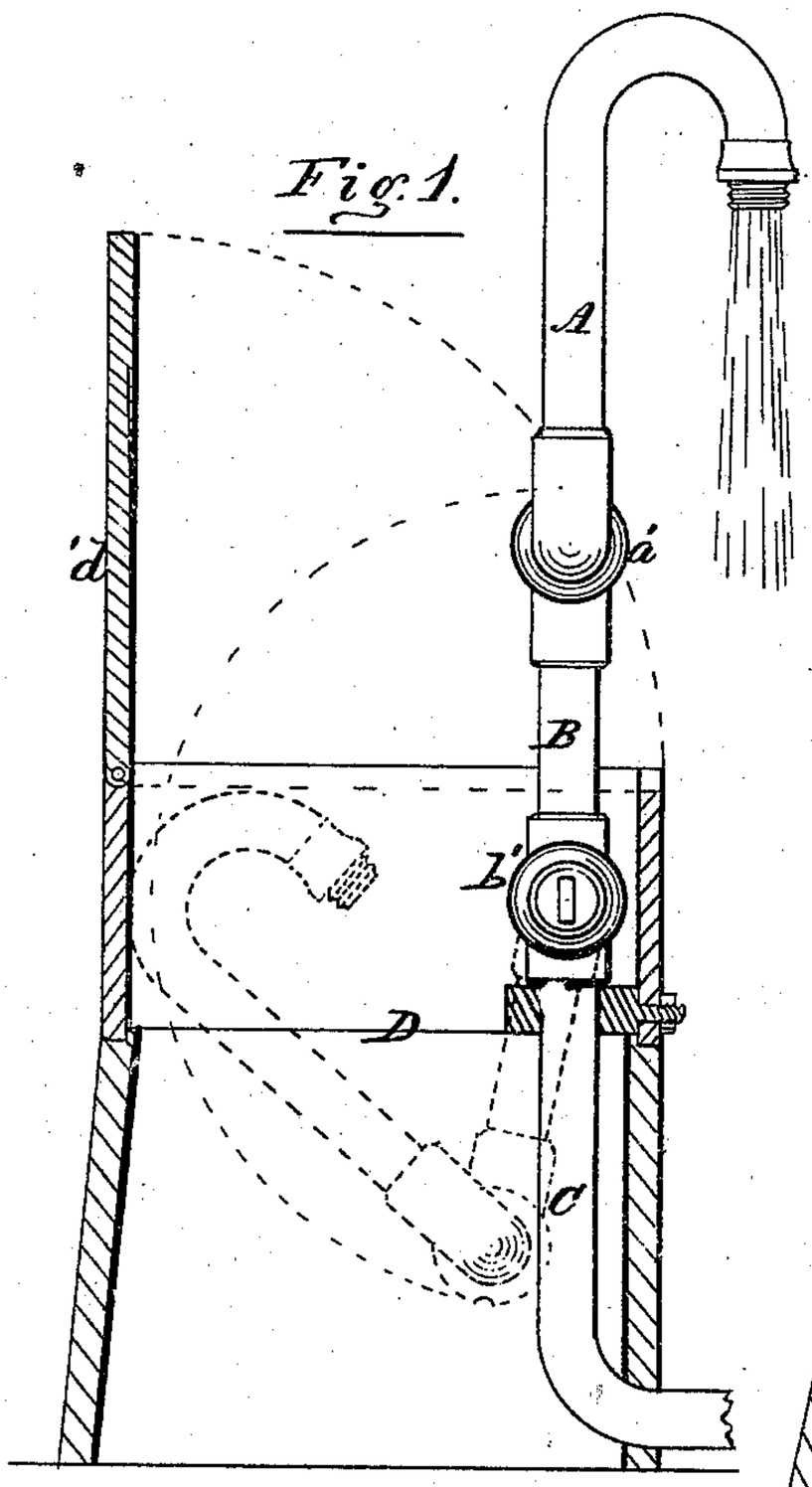
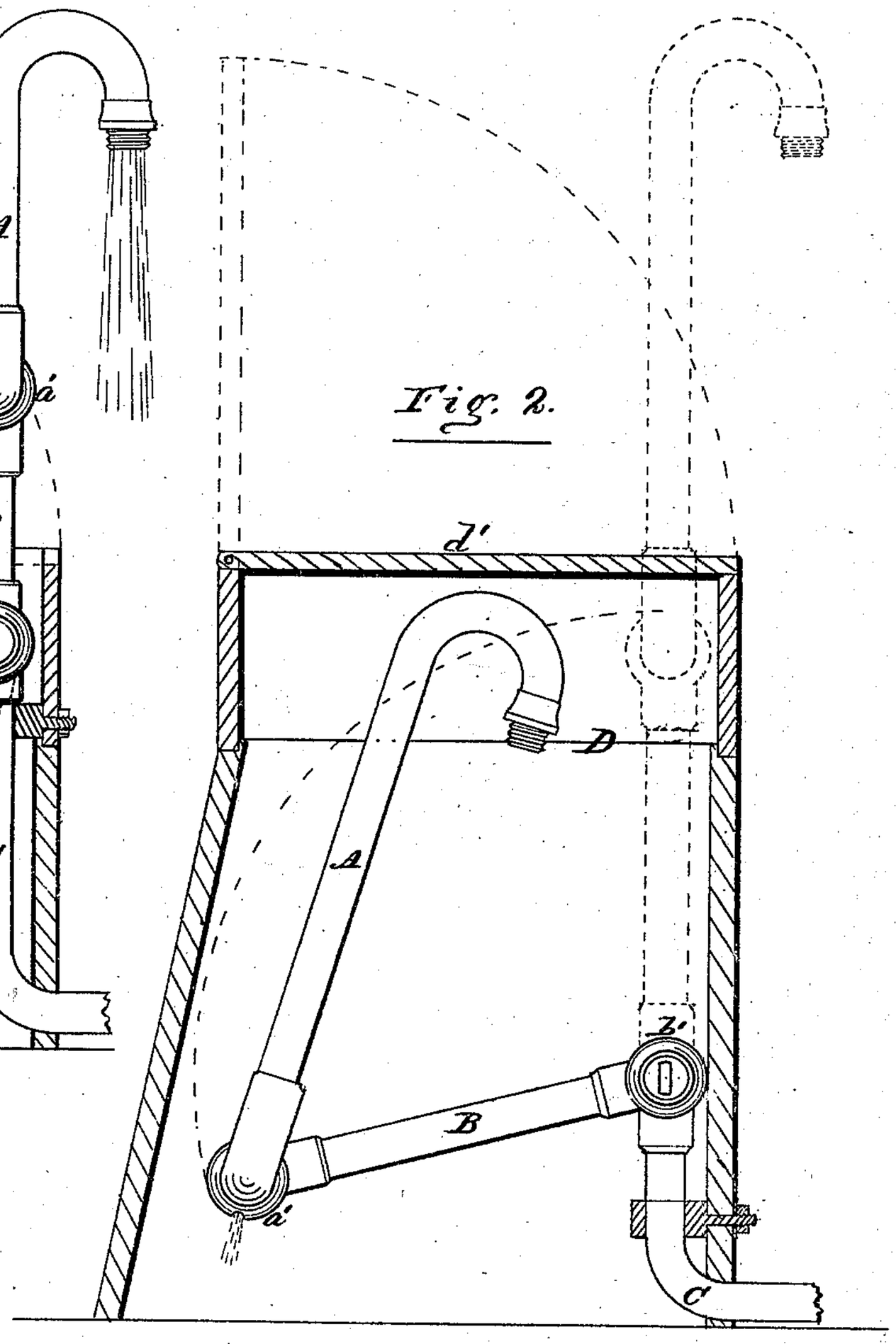


Fig. 2.



Witnesses:

Wm. Morrison

Wm. H. Morrison,

Inventor:

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UNITED STATES PATENT OFFICE.

ALFRED C. NEALL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN PAVEMENT-WASHERS.

Specification forming part of Letters Patent No. 117,316, dated July 25, 1871.

To all whom it may concern:

Be it known that I, ALFRED C. NEALL, of the city of Philadelphia, in the State of Pennsylvania, have invented a certain Improvement in Pave-Washers, of which the following is a specification:

My invention relates to the permanent attachment to the box or case in the pavement of the goose-neck or spout-pipe in such a manner that the said pipe can either be readily folded down into the said box or case, and thus stop the flow of water from the spout and open the drain-hole in the cock, or be straightened up into a vertical position and thus open the cock and allow the water to flow freely from the spout; the object of my invention being to afford an ever-present, reliable, and ready spout-pipe, whereby the detachable spout-pipe and key heretofore required are dispensed with, and, consequently, the expense from the rapid wearing out of the screw-threads of the same and the vexatious delays arising from a misplacement or loss of both the spout-pipe and the key, from negligence or theft, avoided.

Figure 1 is a side view of the folding spout-pipe as when the same is straightened up into the vertically-projecting position for causing the flow of water, the cock being fixed to the upper end of the box or case and the latter being shown in section. Fig. 2 is a side view of the folding spout-pipe lengthened for the purpose of allowing the cock to be fixed at the lower end of the case or box, and folded down into the latter as when the flow of water is stopped and the drain-hole opened.

The folding goose-neck or spout-pipe is in two parts, A and B, articulated together by the well-known waste-cock joint a', and the opposite end of the part B is fixed to the plug of the barrel of a stop-cock, b', which communicates with the supply-pipe C and is fixed to the side of the box or case D. In Fig. 1 the stop-cock b' is fixed to the side of the upper end of the usual box or case D, and may be used in tropical latitudes; but for cold climates the spout-pipe A B must be made long enough to allow the stop-cock b' to be fixed at the lower end of a box or case of sufficient depth to prevent the water from freezing in the said stop-cock, as represented in Fig. 2; and the usual drain-hole is made in the waste-joint a', so as to be closed when the spout-pipe is in its vertical position, (see Fig. 1,) and opened when the said pipe is folded down into the box, as represented in Fig. 2.

It will be understood, without further explanation, that by raising the lid d' of the box and drawing the spout-pipe A B upward into the vertical position shown in Fig. 1, water will flow freely through the goose-neck spout, and that by folding said spout-pipe downward into the box or case D, as represented in Fig. 2, the stop-cock b' will be closed, the flow of water from the spout stopped, and the waste-hole in the joint a' opened so as to drain the said pipe A B.

The cost of constructing and applying this improved wash-pave is one-third less than the old kind, and is much less liable to derangement.

I claim as my invention—

The folding water-pipe A B, in combination with the supply-pipe C and a box or case, D, constructed and arranged to operate substantially as and for the purpose hereinbefore set forth.

ALFRED C. NEALL.

Witnesses:

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