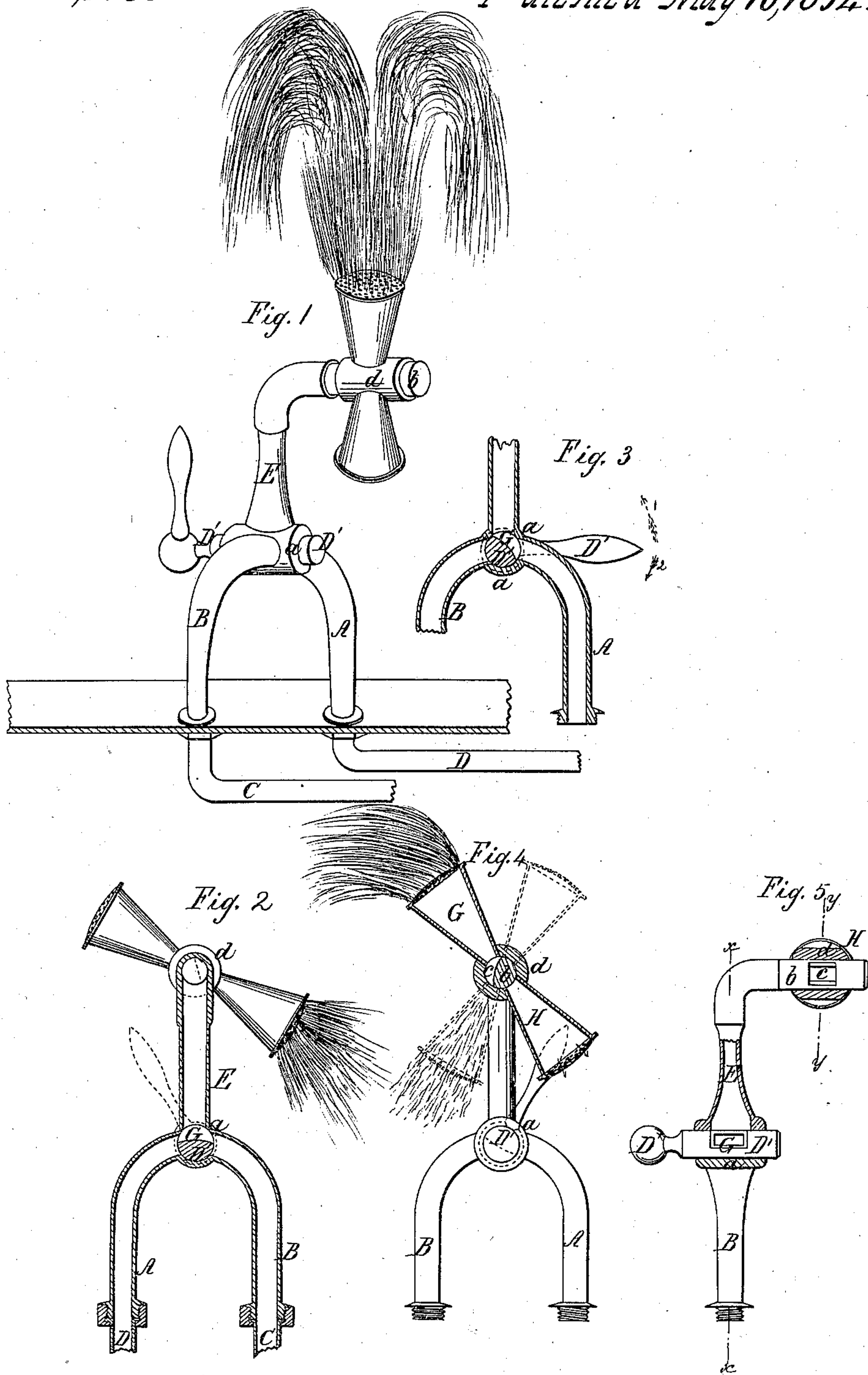


J. P. Baldwin,

Shower Bath.

N^o 10,919.

Patented May 16, 1854.



UNITED STATES PATENT OFFICE.

D. P. BALDWIN, OF SAN FRANCISCO, CALIFORNIA.

SHOWER-BATH.

Specification of Letters Patent No. 10,919, dated May 16, 1854.

To all whom it may concern:

Be it known that I, DANIEL P. BALDWIN, of San Francisco, in the county of San Francisco and State of California, have invented a new and useful Improvement in the Manner of Constructing and Operating Shower-Baths; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1, is a perspective view of the apparatus in operation, the water having an upward direction. Fig. 2, is a vertical longitudinal section of the same through the line, *x, x*, in Fig. 5, showing the cock turned, so as to admit both warm and cold water, and the director turned so as to give the water a slight inclination downwards. Fig. 3, is a broken vertical longitudinal section, similar to Fig. 2,—the cock being turned so as to admit but cold water. Fig. 4, is a vertical longitudinal section of the apparatus, through the line, *y, y*, in Fig. 5. In this view, the director is shown in black, as set to give the water a slight inclination upward from a horizontal plane; and in dotted lines, as set to give the water an inclination downward from a horizontal plane. Fig. 5, is a vertical transverse section, through the line, *y, y*, in Fig. 2.

Similar letters of reference in each of the several figures indicate corresponding parts.

The nature of my invention consists in a double discharging shower bath, which is capable of being turned in any desired position as to direct the water upon any part of the body of the person bathing, and also of discharging the water in very small streams, so that it may descend in the form of spray, or in a heavier state, as may be desired.

My invention consists, 2d, in a novel arrangement and application of the three way cock, to the supply pipes of a shower bath, whereby the warm and cold water can be supplied at the same time, and discharged together through one of the discharge ends of the shower bath, or the warm or cold water supplied alternately, and discharged separately as may be desired.

To enable others skilled in the art, to make and use my invention, I will proceed to describe its construction and operation.

A, B, represent the two branch pipes, they being shown passed through a shelf, (sup-

posed to be in the bath room), and coupled to two pipes, C, D,—one of which, C, leading to a hot water fountain, and the other, D, leading to a cold water fountain:—said fountains, of course, being elevated some twenty feet above the shower bath.

The branch pipes communicate with each other through the tube, *a*, which receives the stop-cock; said communication being opened and closed by the stop-cock, D'.

E, is the main pipe, communicating with the branch pipes, as shown in Fig. 2,—one of its ends being inserted in the tube, *a*.

The stop-cock, D', has a passage, G, cut in it, in the manner shown in Figs. 2, 3, and 5,—said passage being of such shape, and being so situated, that when the cock is turned, it will admit warm and cold water from the two branch pipes to the main pipe, as shown in Fig. 2; or, it will, by properly turning the stop-cock, admit cold or warm water, separately to the pipe, E.

The horizontal stem, *b*, of the main pipe, has a passage, *c*, cut in it, as shown in Figs. 4 and 5. Over this passage, the collar, *d*, slides,—said collar having the small tapering ends of the two reticulated trumpet shaped shower baths, G, H, inserted in it, as shown in Figs. 1, and 4. The ends of said shower baths passing through the collar, and communicating with the passage, *c*, in the stem, *b*. The water is not admitted to both of these shower baths at the same time:—G, receiving water, and discharging it in an upward direction, in the form of spray, owing to its holes being very small, while H, is closed, and H, receives water, and gives it a direction downwards, or as shown in Fig. 2, while G, is closed. The shower bath, H, discharges a larger quantity of water than G, owing to its discharge holes being larger. To effect these changes, the shower baths are revolved, or turned from the position shown in black, to the position shown in dotted lines, in Fig. 4, or vice versa.

This method of constructing, arranging, and operating shower baths, is very simple, useful, and convenient, as only one cock requires to be turned when it is desired to have warm or cold water separately, and is very compact and all the parts under the immediate control of the bather, and the direction and fall of the water may be changed, so as to descend in the form of spray, or in greater volume.

What I claim as my invention, and desire to secure by Letters Patent, is:—

1. The manner herein described, of combining the two directors, G, H, and providing one of them with large, and the other, with small discharge holes, and arranging them so as to be capable of being revolved when it is desired to vary the direction and quantity of the water discharged, and thereby increase or lessen its force upon the body of the bather, substantially as herein described.

2. I claim the manner herein described

and shown, of applying the three way cock, D', to the supply pipes, A, B, E, of the directors, G, H, so that warm and cold water may be supplied at the same time, and mixed and discharged together through either of the directors, or warm and cold water supplied and discharged separately, as may be desired, substantially as set forth.

DANIEL P. BALDWIN.

Witnesses:

HARRISON EASTMAN,
FRANK SLEEPER.