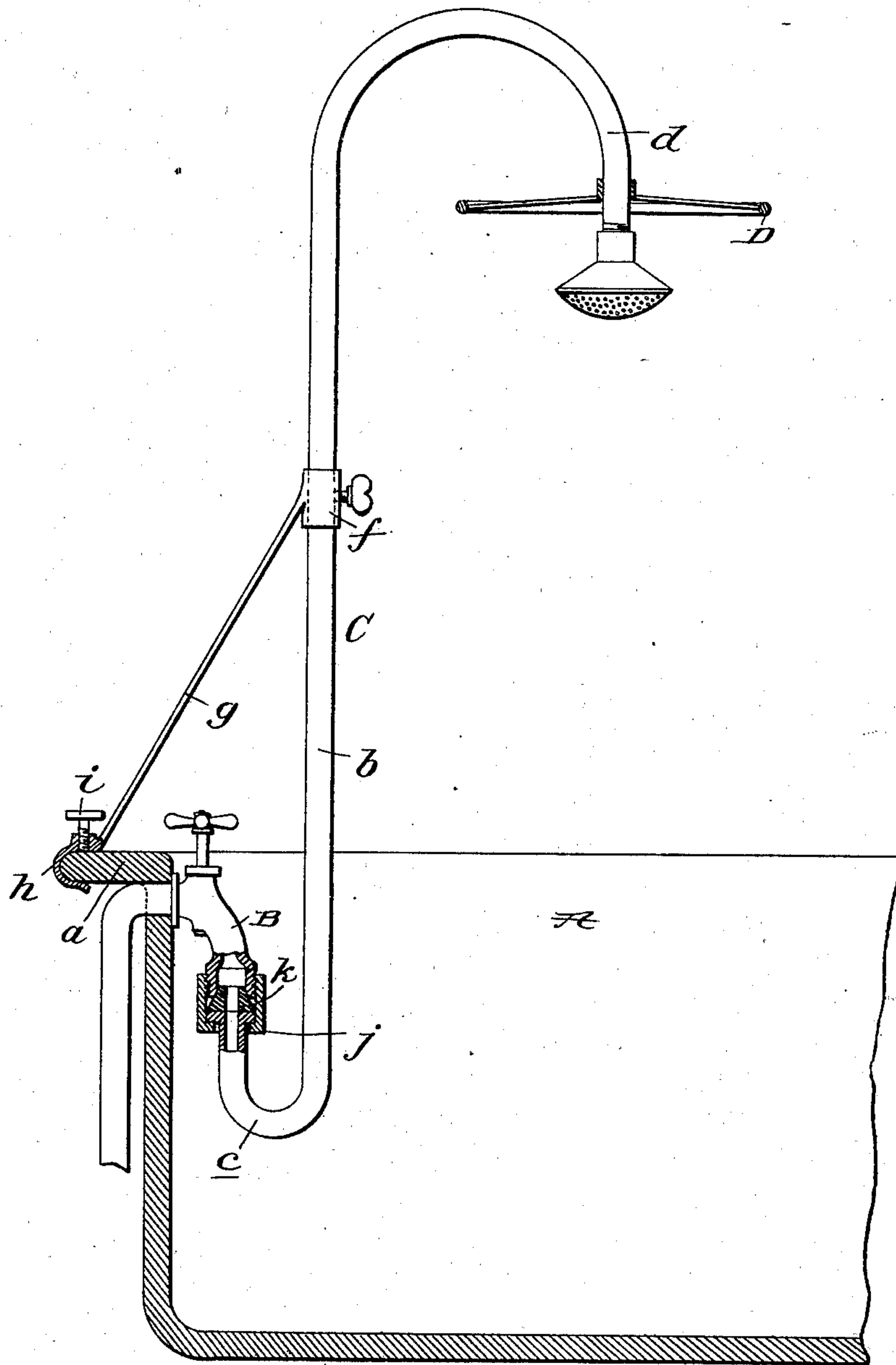


No. 719,994.

PATENTED FEB. 10, 1903.

J. CARMICHAEL.
SHOWER BATH ATTACHMENT FOR BATH TUBS.
APPLICATION FILED AUG. 30, 1902.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

JAMES CARMICHAEL, OF CHICAGO, ILLINOIS.

SHOWER-BATH ATTACHMENT FOR BATH-TUBS.

SPECIFICATION forming part of Letters Patent No. 719,994, dated February 10, 1903.

Application filed August 30, 1902. Serial No. 121,590. (No model.)

To all whom it may concern:

Be it known that I, JAMES CARMICHAEL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Shower-Bath Attachments for Bath-Tubs, of which the following is a specification.

My invention relates to improvements in shower-bath attachments for bath-tubs; and it consists in the peculiar and advantageous attachment hereinafter described, and particularly pointed out in the claim appended.

In the accompanying drawing the figure is a view, partly in elevation and partly in section, illustrating my improved attachment as properly connected to a bath-tub.

Referring by letter to said drawing, A is a bath-tub having the usual ledge *a* at its top; B, a faucet arranged to discharge into the tub, and C my improved attachment.

The attachment consists, essentially, of a pipe *b*, having an upturned lower end *c* and a downturned upper end *d*, provided with a spray nozzle or rose *e*; a sleeve *f*, which loosely receives the vertical portion of the pipe; an oblique arm *g*, which extends downwardly from the sleeve *f* and terminates at its lower end in a hook *h*, arranged to receive the edge of the ledge *a*, and a set-screw *i*, which bears in a threaded aperture in the hook and is arranged to engage the ledge *a*, so as to fix the hook thereto. The arm *g* is a resilient arm formed integral with the sleeve *f*, this being advantageous, since it permits of the hook on the arm being sprung into engagement with the edge of the ledge *a*, and also because it adapts the arm to be connected in the manner shown to ledges of various widths.

The downturned upper end of the pipe C is preferably provided with a curtain-ring D, as shown.

The upturned lower end of the pipe C may

be detachably connected to the faucet B in any preferred manner without involving a departure from the scope of my invention. I prefer, however, to effect the connection through the medium of a coupling *j*, which is designed to be screwed on the faucet and contains a washer *k*, adapted to bear against the faucet and render the connection watertight.

It will be appreciated from the foregoing that my improved attachment is very simple and inexpensive and is adapted to be quickly and easily connected to and disconnected from an ordinary bath-tub; also, that when the attachment is connected to the tub in the manner shown and described there is no liability of it being casually displaced.

To use the attachment, a person has but to stand in the tub below the spray nozzle or rose *e* and open the faucet B.

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

The herein-described shower-bath attachment for bath-tubs consisting essentially of a pipe having a downturned upper end terminating in a spray nozzle or rose, and an upturned end provided with means for connecting it to a faucet, a sleeve adjustable on the pipe, a resilient arm extending downwardly from the sleeve, and terminating in a hook arranged to receive the edge of the ledge on a tub; said arm being adapted in virtue of its resiliency to be sprung into engagement with the edges of bath-tub ledges of various widths, and means for fixing the hook of the arm on a ledge.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAMES CARMICHAEL.

Witnesses:

JOHN I. BENTLER,

GEO. E. ROUTZAHN.