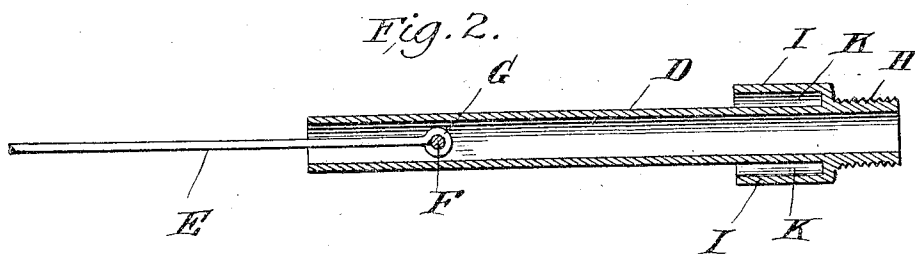
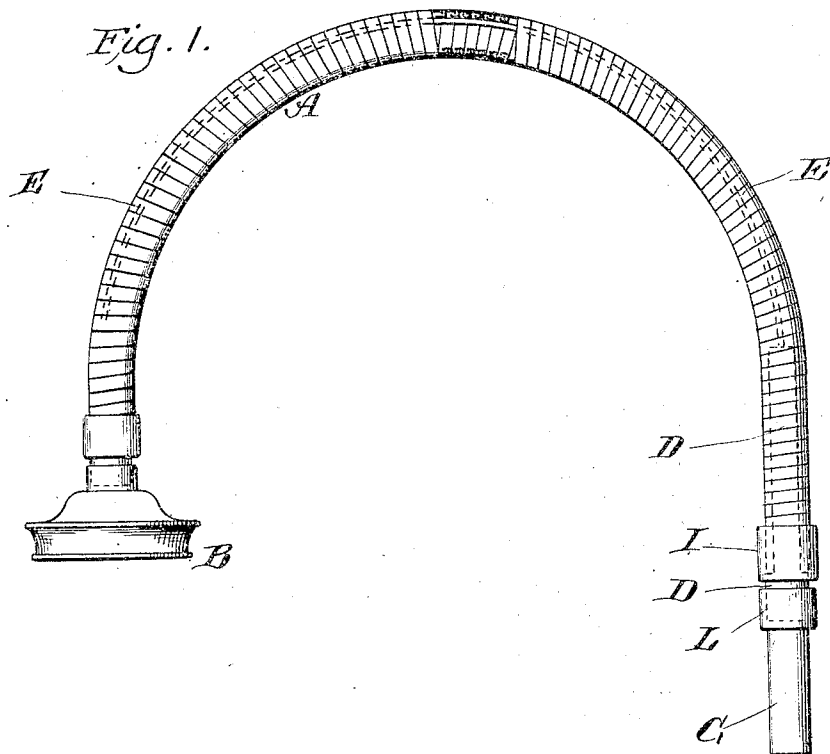


No. 865,355.

PATENTED SEPT. 10, 1907.

I. CALLMANN & J. SABATELLI.
SPRAYING DEVICE.

APPLICATION FILED APR. 19, 1907.



Witnesses:
James F. Duhamel
J. M. Nelson

Irving Callmann
Joseph Sabatelli
Inventors
By the Attorney
Edmond Conyer Brown.

UNITED STATES PATENT OFFICE.

IRVING CALLMANN AND JOSEPH SABATELLI, OF NEW YORK, N. Y.

SPRAYING DEVICE.

No. 865,355.

Specification of Letters Patent.

Patented Sept. 10, 1907.

Application filed April 19, 1907. Serial No. 369,177.

To all whom it may concern:

Be it known that we, IRVING CALLMANN, a citizen of the United States, and a resident of the borough of Manhattan, in the city of New York, in the county and State of New York, and JOSEPH SABATELLI, a citizen of the United States, and a resident of the borough of Manhattan, in the city of New York, in the county and State of New York, have invented certain new and useful Improvements in Spraying Devices, of which the following is a specification.

Our invention relates to devices for spraying water or other liquids, and the particular application of the same which we have had more especially in mind in making the said invention, is to devices for shower bath or for shampooing or like purposes, though we do not mean to limit the application of our invention to any such uses.

The invention consists in the novel construction, arrangement, and combination of parts, all as hereinafter more particularly described.

In the accompanying drawing—Figure 1 is a side view of our invention, a portion of the outer casing being broken away; and Fig. 2 is a longitudinal section of a portion of the invention, as hereinafter particularly described.

A is a flexible water-tight tube or pipe, bearing at its end a spray-nozzle or similar device of any suitable construction. Inasmuch as pipes or tubes similar to that employed as a part of our invention are well known and their construction well-understood, we do not deem it necessary to explain the construction of this part of our invention in detail.

D is a rigid tube or pipe, one end of which is inserted inside of the lower end of the flexible tube A and bears a transverse pin F. The other end of the pipe D is screw-threaded externally, at H, and adjacent thereto is an external sleeve I forming an annular socket into which the lower end of the flexible tube A is forced and where it is firmly held.

E is a stout but flexible wire or rod, which is inserted inside of the bore of the flexible tube A and which serves to strengthen the same against bending and to hold the same more firmly in any form or position into which it may be bent or placed. The lower part of the

wire E passes into the tube D and the extreme lower end is bent into a ring or hook and passes around the pin F, the ring in the wire being designated by the letter G.

C represents the upper end of the water-service pipe through which water is supplied to the device. The extreme upper end of this pipe is provided with an enlarged socket L, which is internally screw-threaded to receive the externally screw-threaded portion H of the tube D.

The operation of our invention is obvious. Upon the parts above described being assembled, and water being allowed to pass through the tube or pipe C, the tube D, and the flexible tube A, it is delivered at the end through the spray or shower device B. As the greater part of the length of the device consists of the flexible tube A, the spray or shower device B may be given a considerable degree of motion, and wherever it is placed it will be held, partly by the normal partial rigidity of the tube A, but also by the strengthening wire or rod E which is therein contained.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent, is as follows:

1. The combination with a rigid tube or pipe, provided with a flexible wire or rod extending longitudinally therefrom, of a flexible tube or pipe secured to the end of the rigid tube or pipe; the flexible wire or rod extending into the bore of the flexible tube or pipe and being adapted to strengthen the same and to tend to hold the same in any position into which it may be bent or placed.

2. The combination with a rigid tube or pipe, provided with a flexible wire or rod extending longitudinally therefrom, of a flexible tube or pipe secured to the end of the rigid tube or pipe and bearing at its outer end a spray or shower device; the flexible wire or rod extending into the bore of the flexible tube or pipe and being adapted to strengthen the same and to tend to hold the same in any position into which it may be bent or placed.

In witness whereof we have hereunto signed our name this 10th day of April 1907, in the presence of two subscribing witnesses.

IRVING CALLMANN,
JOSEPH SABATELLI.

Witnesses:

A. C. QUACKENBUSH,
J. M. WILSON.