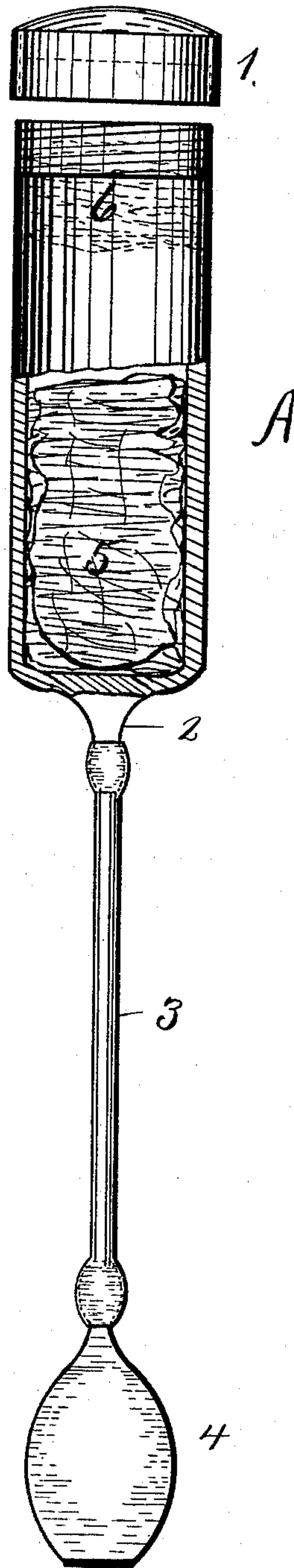


(No Model.)

W. L. TUCKER.
APPARATUS FOR APPLYING IRRITANTS.

No. 426,609.

Patented Apr. 29, 1890.



Witnesses

Wm. L. Tucker Inventor

A. C. Brownell
P. F. Demison

By his Attorneys
Smith & Demison

UNITED STATES PATENT OFFICE.

WILLIAM L. TUCKER, OF SYRACUSE, NEW YORK.

APPARATUS FOR APPLYING IRRITANTS.

SPECIFICATION forming part of Letters Patent No. 426,609, dated April 29, 1890.

Application filed July 26, 1889. Serial No. 318,716. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. TUCKER, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Apparatus for Applying Irritants, of which the following, taken in connection with the accompanying drawing, is a full, clear, and exact description.

My invention relates to apparatus for applying irritants to the skin or flesh for the purpose of creating counter-irritation.

My object is to provide a means by which the most active and powerful irritants in either liquid or gaseous form can be applied for the purpose of subduing pain in the human body by creating counter-irritation.

My invention consists in the several novel features of construction and operation hereinafter described, and specifically set forth in the claims annexed hereto.

It is constructed as follows, reference being had to the accompanying drawing, in which I show a sectional elevation of my device.

A is the body of the instrument, consisting of a tubular piece of glass open at the upper end, and where it may be closed by a removable screw-cap 1. At the lower end it is constructed to form a neck 2, which is adapted to receive and hold a flexible tube 3.

4 is a mouth-piece, provided with an opening in its lower end and with a neck upon its upper end to receive and hold the other end of the flexible tube.

Within the body A, I place a sponge 5, medicated or saturated with the irritant which I desire to use. This sponge is placed in the bottom of the tube.

The dotted lines 6 indicate a sponge inserted into the mouth of the body A for the purpose of breaking the force and power of the irritant as it comes from the medicated sponge.

If I desire to use a very powerful irritant, I omit the sponge 6.

I operate my device as follows: Having removed the cap from the tube, I insert the non-medicated sponge 6 into the mouth of the tube, leaving a portion of it protruding from the top. I then force air through the mouth-piece and tube 3, causing a current to pass through the medicated sponge, thereby charging it with the irritant. This protruding part of the sponge I apply to the flesh or skin. It may, however, be omitted and the mouth of the tube A be applied direct to the skin.

Having described my invention, what I claim is—

1. An apparatus for applying irritants, consisting of a tubular body open at one end, provided with a medicated sponge, a rubber tube connected at the other end of the body, and a mouth-piece connected to the rubber tube, and means for closing the open end of the tubular body, substantially as described.

2. An apparatus for applying irritants, consisting of a tubular body open at one end and provided with a medicated sponge, a non-medicated sponge placed in the upper end above the medicated sponge, a rubber tube connected at the other end of the body, and a mouth-piece connected to the rubber tube, and means for closing the open end of the tubular body.

3. An apparatus for applying irritants, consisting of a tubular body open at one end and provided with a medicated sponge, and means for forcing air through the medicated sponge, substantially as described.

In witness whereof I have hereunto set my hand this 17th day of July, 1889.

WILLIAM L. TUCKER.

In presence of—

H. P. DENISON,
F. T. DENISON.