

No. 793,351.

PATENTED JUNE 27, 1905.

H. A. CHURCH.
MASSAGE INSTRUMENT.
APPLICATION FILED FEB. 29, 1904.

Fig. 1

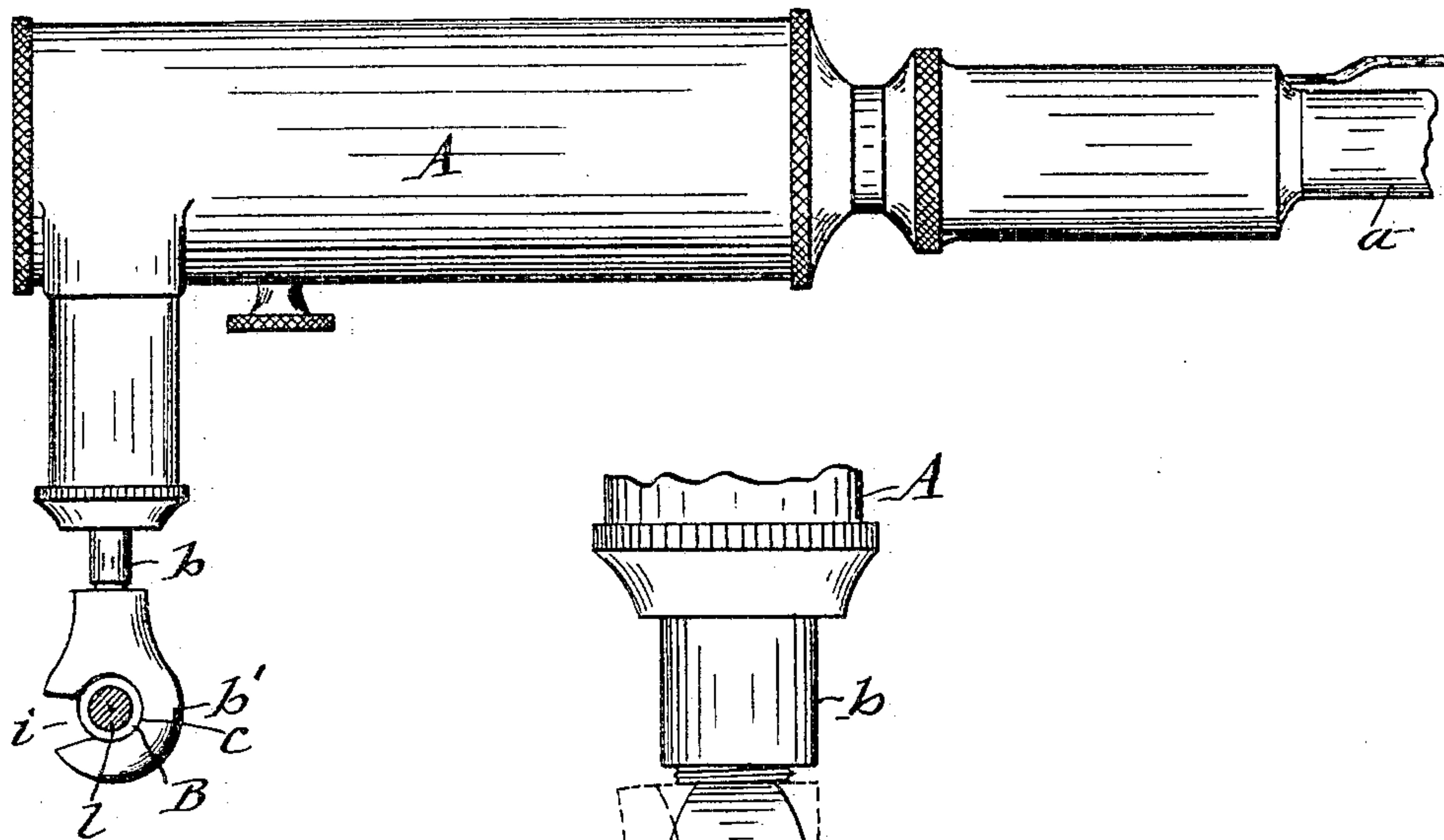


Fig. 2

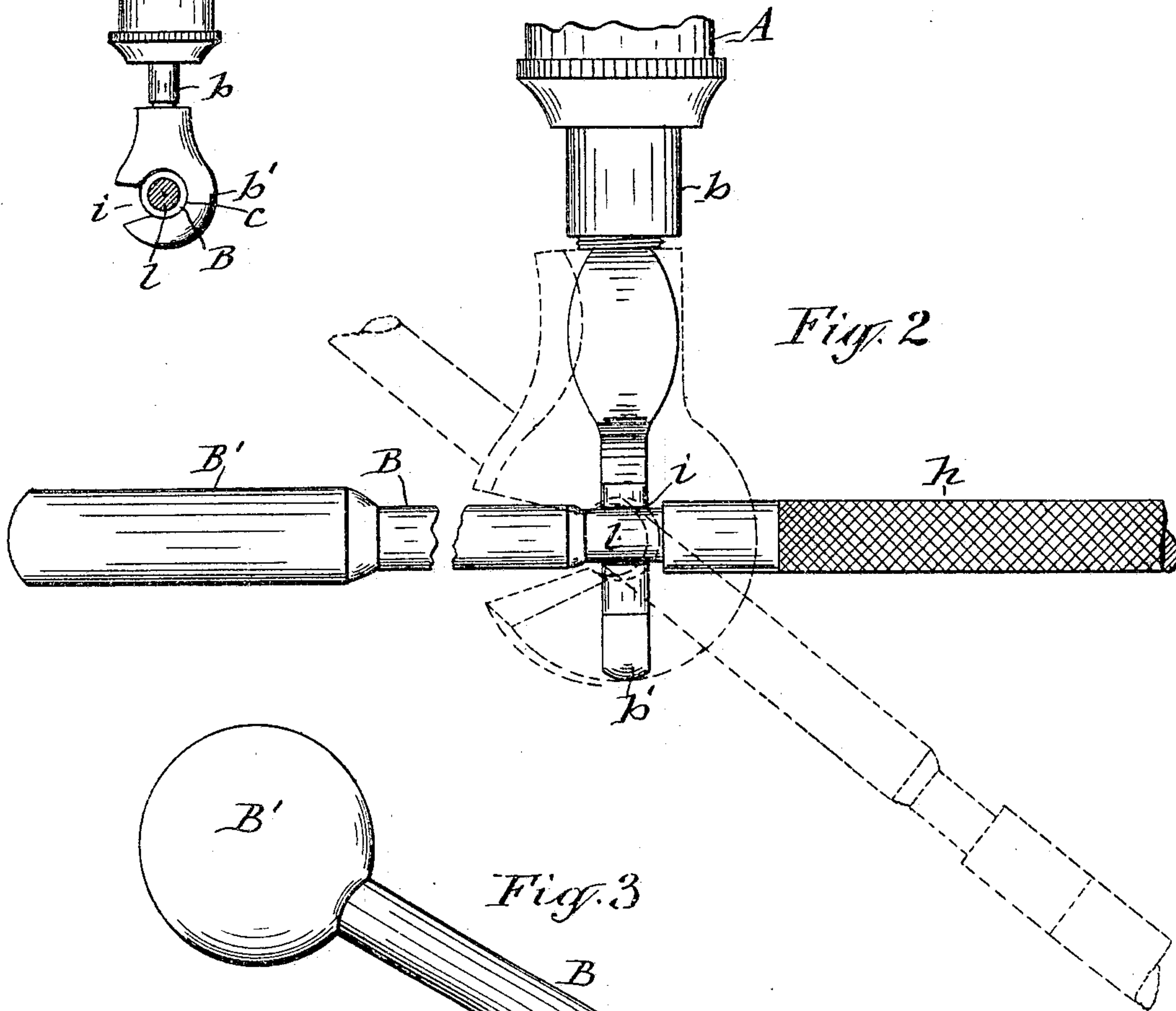
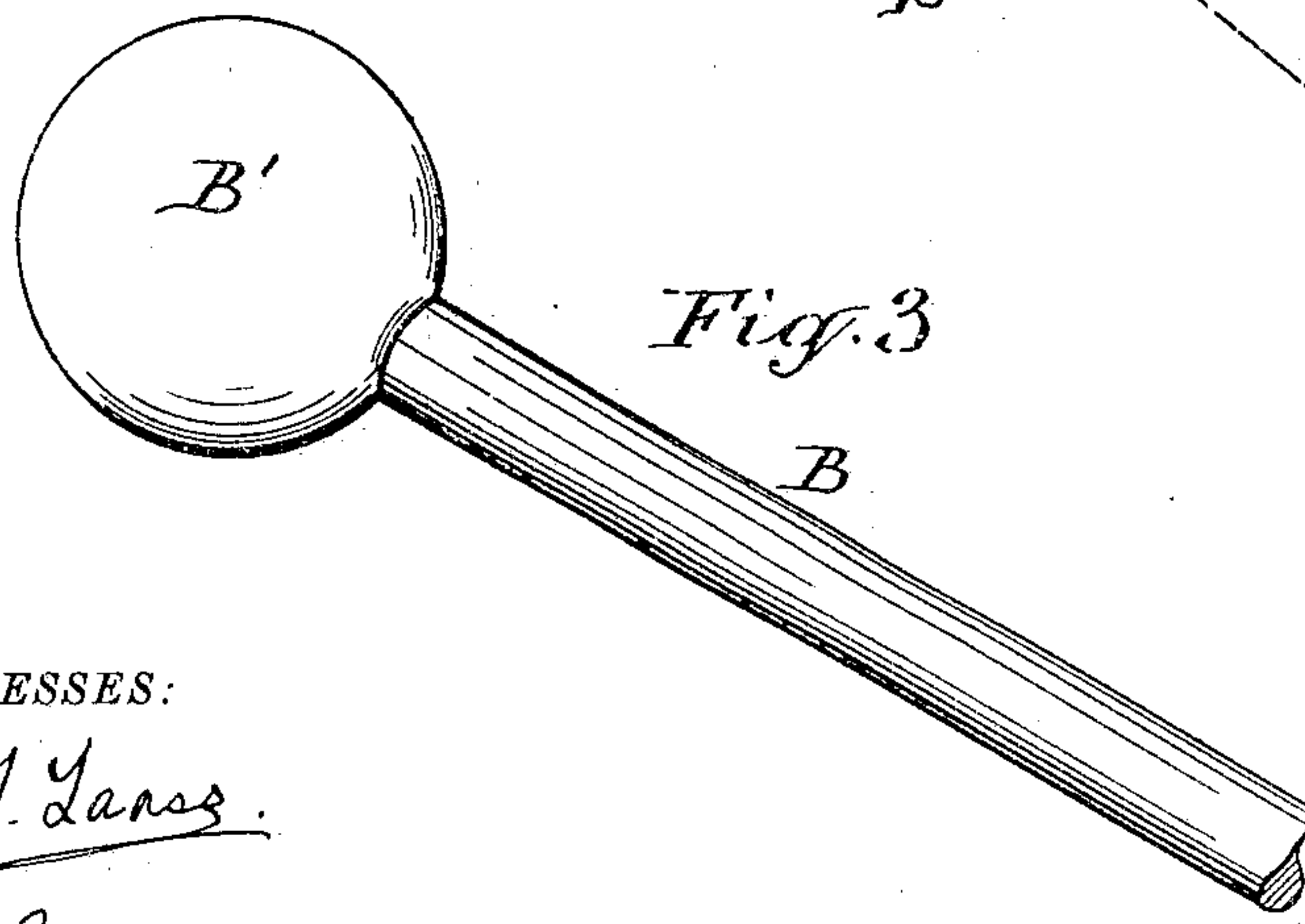


Fig. 3



WITNESSES:

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MASSAGE INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 793,351, dated June 27, 1905.

Application filed February 29, 1904. Serial No. 195,769.

To all whom it may concern:

Be it known that I, HERBERT A. CHURCH, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Massage Instruments, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to means for operating a prolonged member of a massage instrument requiring lateral vibratory action and designed chiefly for applying massage treatment internally of a person; and the invention consists, essentially, in the combination, with a vibratory pulsator, of a massage-bar disposed to receive motion from said pulsator and provided with a handle for controlling the said bar in the direction of its massage action, as hereinafter more fully described, and set forth in the claims.

In the drawings hereto annexed, Figure 1 is a side view of the instrument which actuates the pulsator from which massage action is derived. Fig. 2 is a plan view illustrating the connection of the massage-bar to the aforesaid pulsator. Fig. 3 is a side view of an end portion of a massage-bar designed for internal treatment of females.

Referring to said drawings, A represents an instrument receiving motion from a flexible shaft *a*, connected to an electric motor. (Not shown.) Said instrument may be of any suitable and well-known construction, but preferably similar or substantially like the instrument shown in my Letters Patent No. 743,147, dated November 3, 1903. In my present invention, however, I connect to the instrument A a pulsator-stem *b*, which is provided with a head *b'*, suitably constructed to carry and actuate the massage-bar B, which is designed for internal treatment of a person. The pulsator-head *b'* is preferably swiveled on the stem *b* and is provided with a transverse aperture *c*, which receives through it the massage-bar B and allows the said bar to rock and slide longitudinally therein.

A suitable handle *h* is either formed on or attached to one end of the bar B to enable the

operator to turn said bar into different angles and move it longitudinally to carry the operating end of the bar into the position for applying the massage treatment to the person.

To prevent the bar B from accidentally slipping out of the pulsator-head *b'*, I form said head with a contracted side entrance *i*, leading to the aperture *c*, and form the bar B with a circumferentially-reduced cylindrical neck *j* intermediate the ends of the bar and of a size to allow said neck to pass through the entrance *i* and place the bar in position to enter the aperture *c*.

It will be observed that the pulsator-head *b'* serves as a fulcrum for the massage-bar B and that by shifting the said bar longitudinally on said fulcrum the vibratory force of the bar is increased or diminished, as may be desired.

B' designates the head which is formed on the end of the massage-bar B and is shaped according to the part of the person into which it is to be inserted.

What I claim as my invention is—

1. The combination, with a vibratory pulsator, of a massage-bar disposed to receive motion from said pulsator and provided with a handle for controlling the said bar in the direction of its massage action.

2. The combination, with a vibratory pulsator, of a massage-bar mounted intermediate its ends transversely on said pulsator and movable into different angles and provided with a handle for controlling said bar in the direction of its massage action as set forth.

3. The combination, with a vibratory pulsator, of a massage-bar mounted transversely on said pulsator and movable longitudinally thereon and provided with a handle for controlling said bar in its movement as set forth.

4. The combination, with a vibratory pulsator, of a massage-bar mounted intermediate its ends on said pulsator and movable into different angles and longitudinally and provided with a handle for controlling said bar in its position on the pulsator as set forth.

5. The combination of a vibratory pulsator provided with a head formed with a trans-

verse aperture and with a contracted side entrance to said aperture, and a massage-bar of a diameter to slide in said aperture and formed intermediate its ends with a cylindrical neck
5 reduced circumferentially to pass through the aforesaid entrance as set forth.

6. The combination of a vibratory pulsator

having swiveled thereon a head, and a massage-bar mounted transversely on said head.

HERBERT A. CHURCH.

Witnesses:

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G. VAN VORST.