

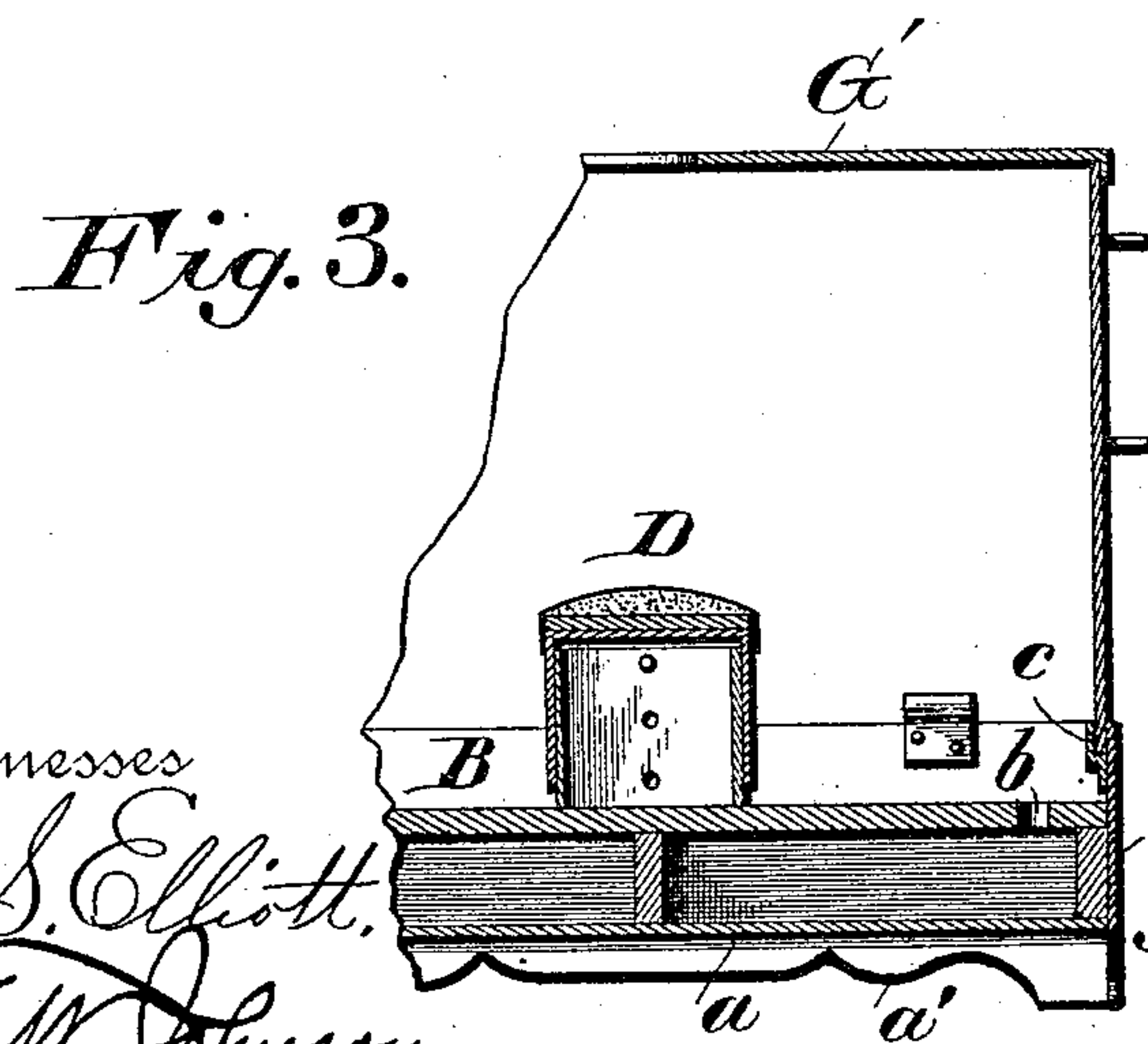
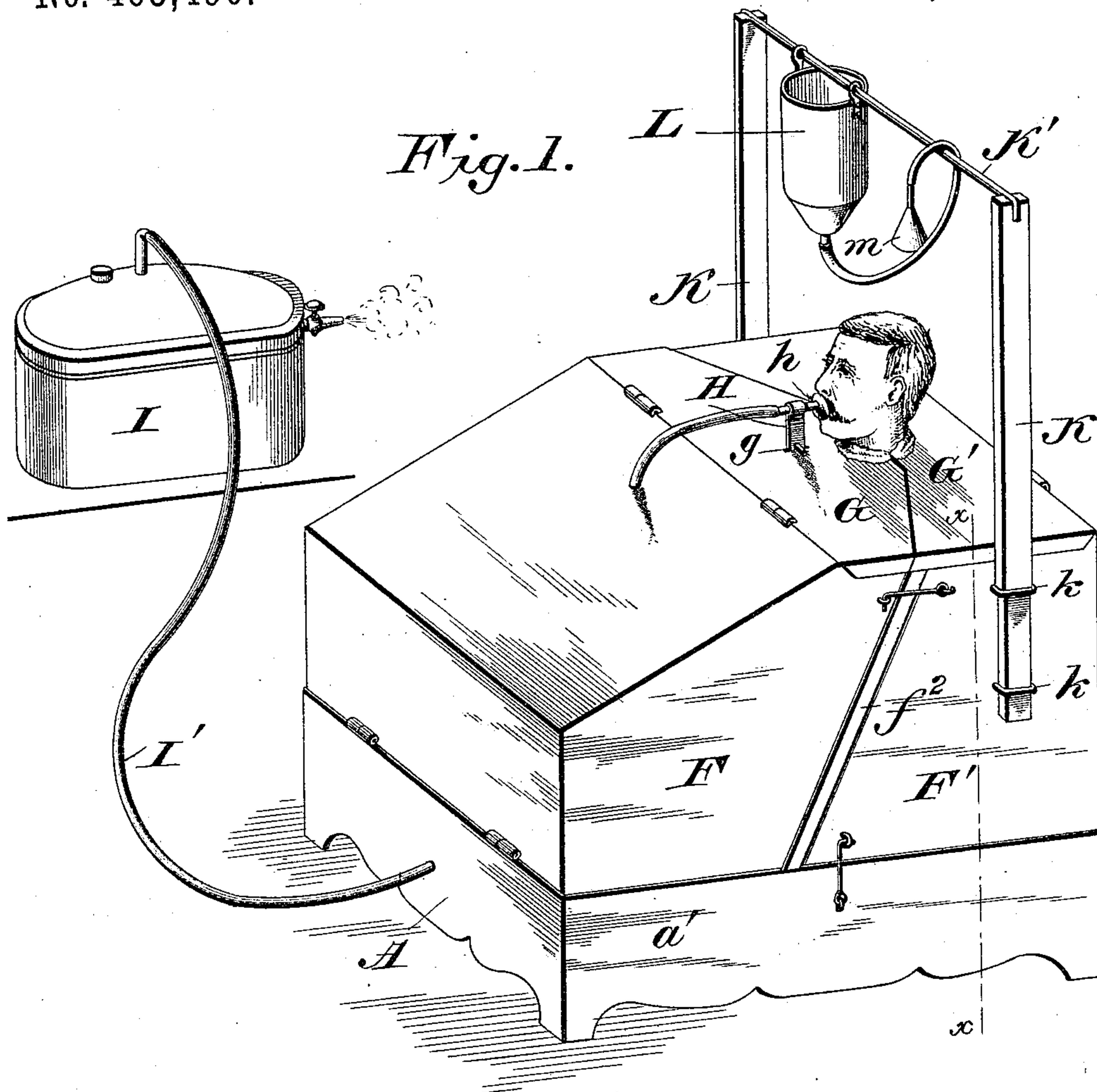
(No Model.)

2 Sheets—Sheet 1.

N. CRANK.
VAPOR BATHING APPARATUS.

No. 463,490.

Patented Nov. 17, 1891.



Nathaniel Crank.

Witnesses
L. S. Elliott.
M. Johnson.

Inventor

by

Attorney

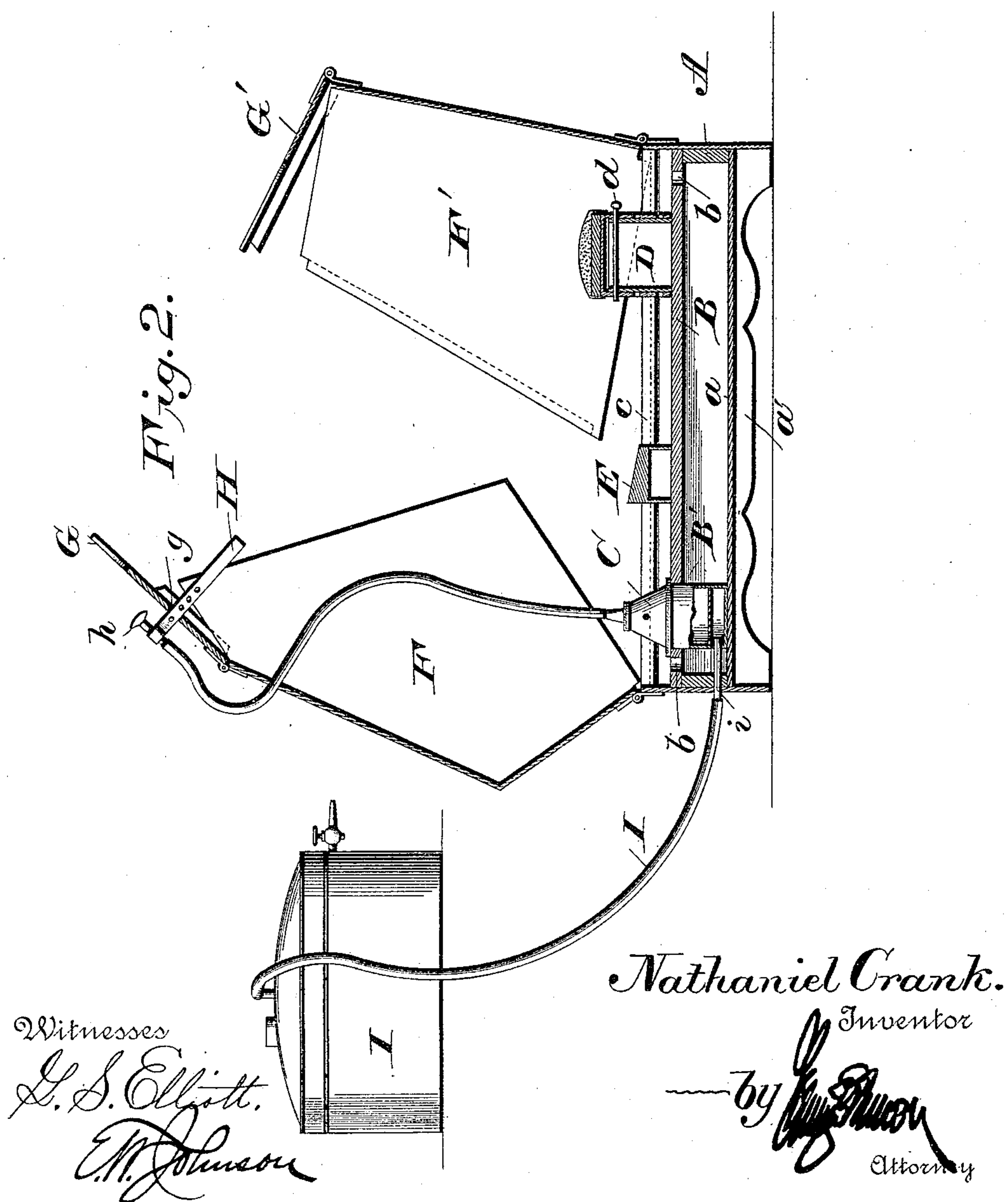
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UNITED STATES PATENT OFFICE.

NATHANIEL CRANK, OF HILL CITY, KANSAS.

VAPOR BATHING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 463,490, dated November 17, 1891.

Application filed April 30, 1891. Serial No. 391,170. (No model.)

To all whom it may concern:

Be it known that I, NATHANIEL CRANK, a citizen of the United States of America, residing at Hill City, in the county of Graham and State of Kansas, have invented certain new and useful Improvements in Vapor Bathing Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in vapor-baths.

The object of the invention is to provide a portable and convenient apparatus for taking either vapor or medicinal baths; and it consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view showing the apparatus as it appears in use. Fig. 2 is a longitudinal sectional view, and Fig. 3 is a sectional view on the line *xx* of Fig. 1.

A refers to the base, which has a closed or tight bottom *a*, and above the same a bottom B, provided circumferentially with perforations or apertures *b* and a large aperture B', adapted to receive a vessel C. The side walls *a'* of the base A have suitably secured thereto strips *c*, between which and the sides the lower edges of the hinged tops lie to make a tight joint.

Upon the bottom board B is placed a seat D, which is made up of two parts which slide upon each other, so that said seat can be vertically adjusted and maintained in the position it may be placed by a pin *d*. Adjacent to the seat is placed a foot-rest E.

The hinged tops F and F' are constructed, as shown, and have meeting edges which are provided with strips *f*², as shown in Fig. 1. These hinged tops have covers G and G' hinged thereto, the meeting edges of which are recessed to present a circular opening to

fit around the neck of the user, said opening being padded to prevent the escape of steam. The cover G is also provided with an aperture *g*, through which passes an adjustable bar H, the outer end of which carries an inhaler *h*, which is connected to the vessel C by a flexible tube.

I refers to a boiler or steam-generator, which is connected to a rigid pipe or tube *i* by the hose I'. The tube *i* passes loosely into an aperture in the lower portion of the vessel C, so that the steam after entering said vessel can pass out of the same into the lower compartment and through the perforations in the board B' to the bath-chamber. The compartment or chamber beneath the bottom board B' is perfectly tight, except as to the perforations *b*, and it is obvious that a heating means may be placed under the base A and steam thus generated.

The vessel C is especially adapted to receive medicinal herbs, the fumes therefrom by the means herein shown being adapted to be inhaled by the patient.

The sides of the hinged top F' are provided with bails or loops *k k*, which support standards K, the upper ends of which are connected by a cross-bar K', upon which is hung a receptacle L. This receptacle is connected to a spraying-nozzle *m*, and when the device is closed liquid may be applied to the operator's head, and when the hinged tops are thrown back a shower or spray bath can be given to the body.

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

1. A bathing appliance constructed substantially as shown and provided with a base A, tops F and F', hinged thereto and adapted to close upon each other, said hinged tops having covers G and G', the meeting edges of which are recessed to present an opening when brought together, together with means for conveying vapor to the interior of the apparatus, substantially as set forth.

2. In a bathing apparatus, the combination of the base A, having a metallic bottom *a* and a supplemental bottom B of non-conducting material, raised walls *a'*, extending above the

bottom B, a steam-supply pipe entering the compartment formed between the walls A and B, sections F and F', hinged to the base, said sections having meeting strips f^2 and hinged
5 covers G and G', the meeting edges of said covers being recessed to present an opening to which a padding is applied, together with a vessel C, adapted to rest upon the bottom a ,
10 said vessel having a supplemental bottom to present an upper compartment within which

herbs are placed and which is connected to an inhaler h by a flexible tube, for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

NATHANIEL CRANK.

Witnesses:

M. BLODGETT,

F. D. TURCK.