

No. 795,323.

PATENTED JULY 25, 1905.

D. M. WATSON.
APPARATUS FOR ELECTROTHERMAL TREATMENT.
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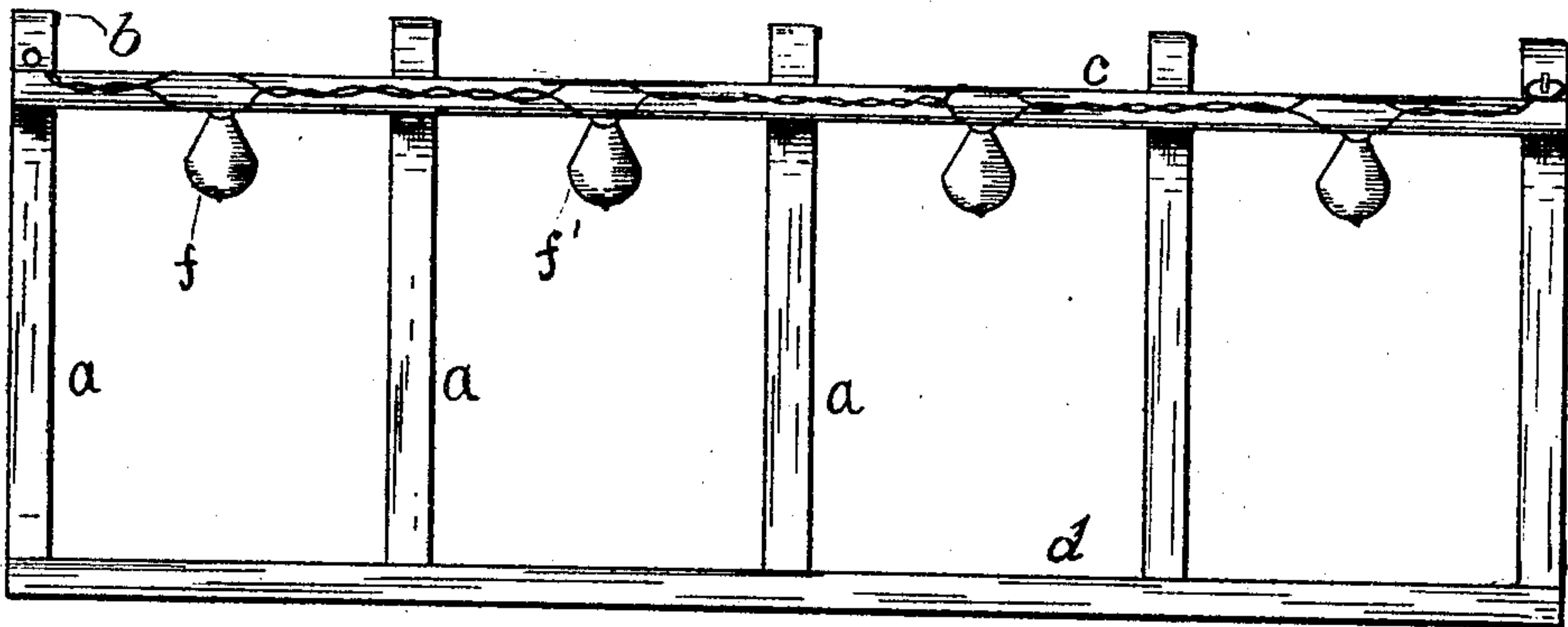


Fig. 1.

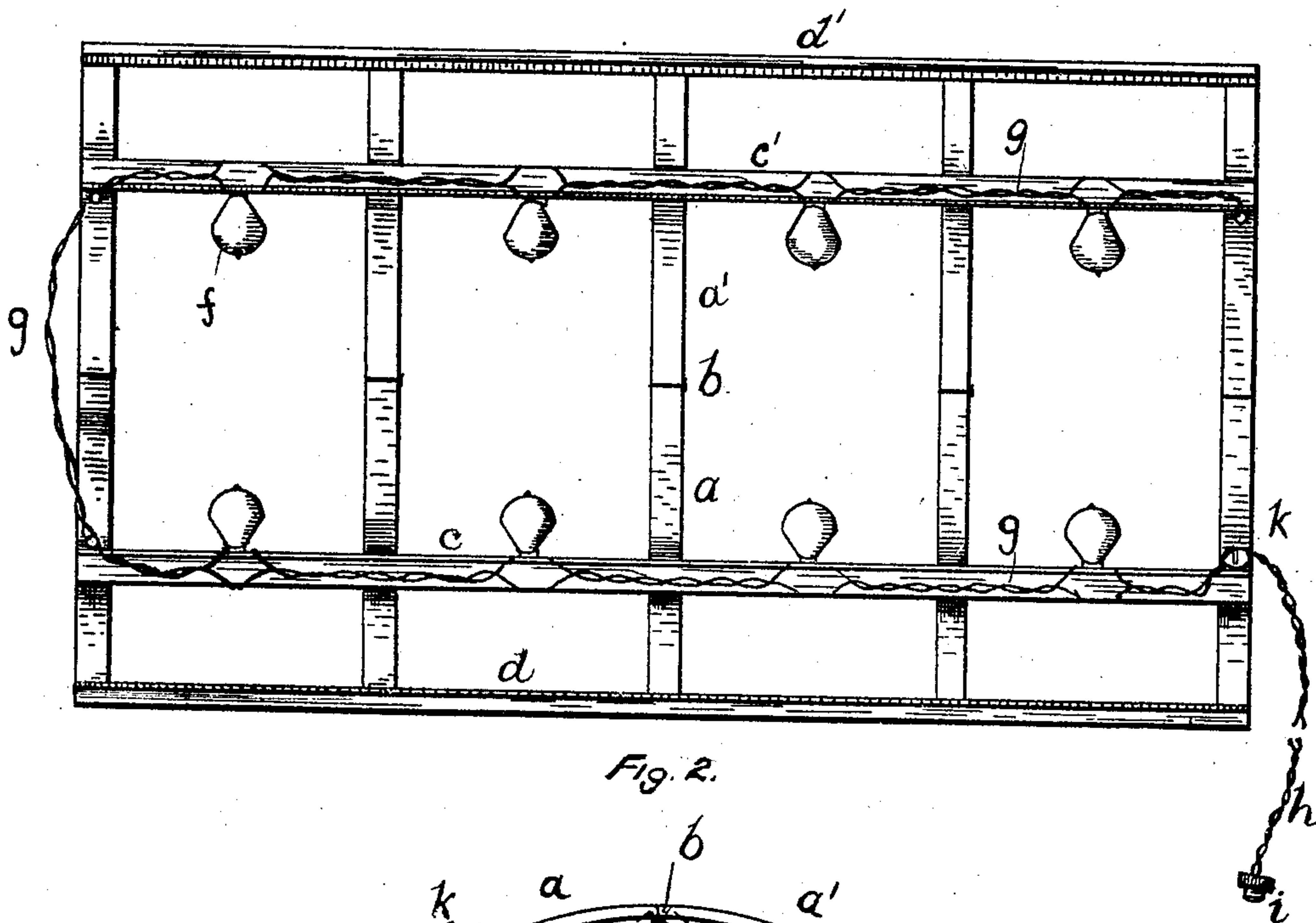
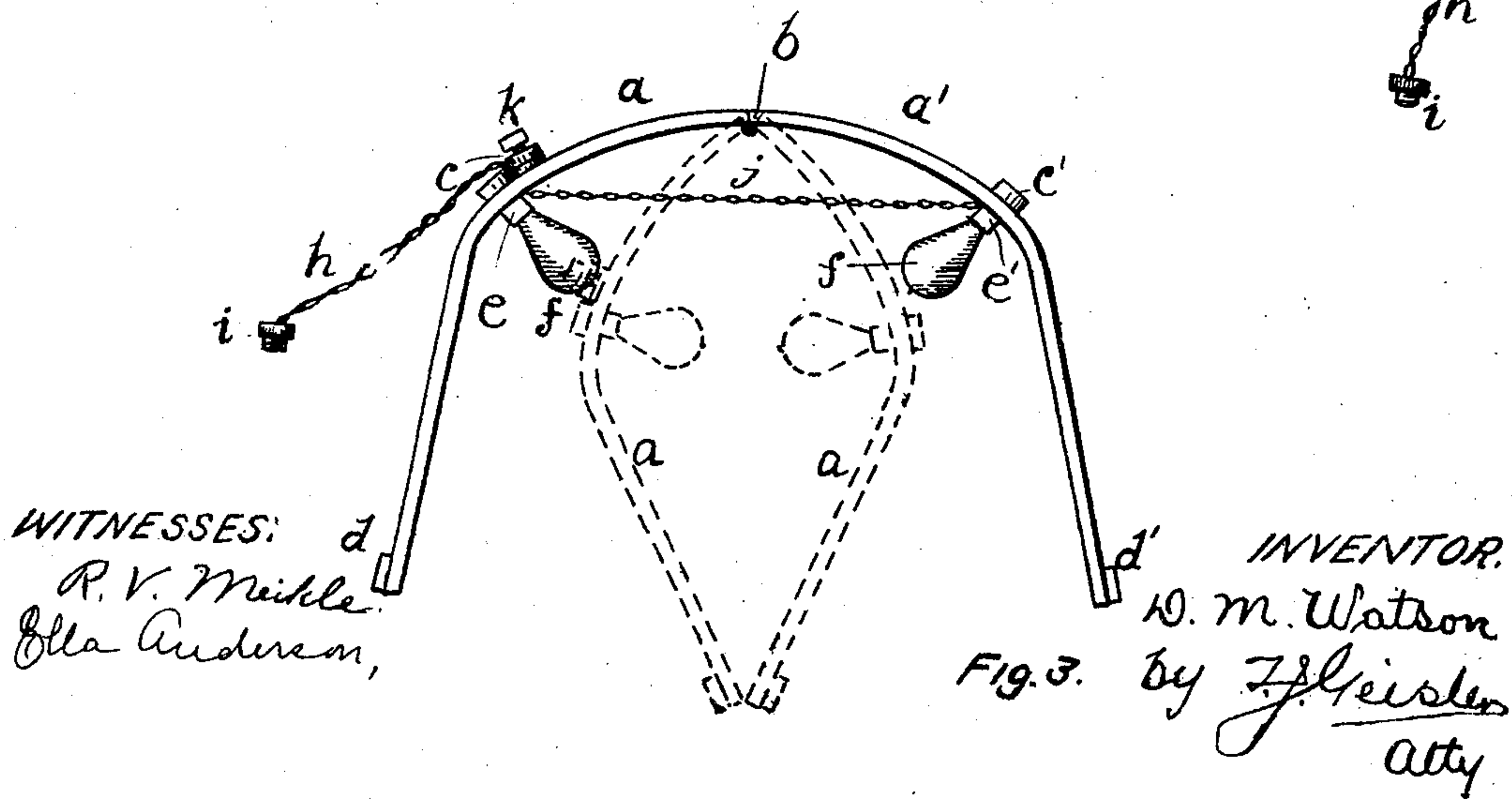


Fig. 2.



WITNESSES: d
R. V. Meikle
Ella Anderson,

INVENTOR.
D. M. Watson
Fig. 3. by J. H. Fisher
atty

UNITED STATES PATENT OFFICE.

DANIEL M. WATSON, OF PORTLAND, OREGON.

APPARATUS FOR ELECTROTHERMAL TREATMENT.

No. 795,323.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed December 7, 1904. Serial No. 235,860.

To all whom it may concern:

Be it known that I, DANIEL M. WATSON, a citizen of the United States, and a resident of Portland, in the county of Multnomah, State of Oregon, have invented a new and useful Apparatus for Electothermal Treatment, of which the following is a specification, reference being had to the accompanying drawings as constituting a part thereof.

This invention relates to apparatus for the treatment of bodily ailments by means of baths of hot dry air; and my invention has for its object to obtain an inexpensive collapsible and portable frame adapted to be arranged over a person lying on a bed in such a manner that the frame will encompass the person and that the bedclothes may be then so arranged over the frame as to completely cover and inclose the same for the purpose of retaining the heat which is generated within such inclosure, the required heat to be generated by radiation from a plurality of incandescent electric lights installed on said frame and suitably connected, and to arrange, furthermore, that the lamp-circuit may be connected by a wire cord with the socket of an electric bracket commonly provided in a room to receive an incandescent lamp. This and other features of my invention are fully illustrated in the drawings above referred to and hereinafter described.

In the drawings, Figure 1 is a side elevation of my invention. Fig. 2 is a plan or top view thereof; and Fig. 3 is an end view of the same, also illustrating in dotted outline the manner in which the frame of my apparatus may be arranged when the same is not in use.

Referring to the letters as designating the parts described, the frame of my apparatus is preferably made of wood and comprises five transversely-arranged members, each made of two sections $a a'$, hinged together at their inner ends by hinges b . The inner extremities of the respective sections $a a'$ of said transverse members are curved, as illustrated in the end view, Fig. 3. To the exterior of each of the sections $a a'$ of said transverse members are secured longitudinal members $c c' d d'$. On the inner faces of the upper longitudinal members $c c'$ are secured a plurality of lamp-sockets $e e'$, such lamp-sockets being arranged intermediate of the transverse members of the frame. These lamp-sockets are respectively adapted to receive an incandescent electric light or lamp f of the common type, and the sockets $e e'$ are

electrically connected by means of a circuit-wire g , having terminals h connected to a plug i and adapted to be inserted in the lamp-socket of an electric-light bracket-fixture commonly found in residences.

The terminals h are of course made of a convenient length so as to extend from the lamp fixtures or bracket to the head end of the body. The terminals h are also provided with a switch k , which being installed in the head end of the frame renders it convenient for the patient or person using the apparatus to turn the lights on and off, as found convenient for generating and maintaining the desired degree of the heat within the inclosure of the frame. At the two ends the two sections $a a'$ of the transverse frame members are united by a chain j , so as to prevent any undue strain on such frame members.

In using my apparatus the frame will be arranged lengthwise over the person lying on the bed, and the bedclothes will then be arranged over the frame in such a manner as to completely envelop the same.

When the apparatus is not in use, the frame may be folded together, as illustrated in Fig. 3, in which state it occupies but a small space and may be conveniently stored away in the corner of a room.

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

1. An apparatus of the character described, comprising a collapsible frame consisting of a plurality of transverse bow-like members, each made of two sections hinged together at their inner ends; longitudinal members uniting said transverse members; a plurality of incandescent-lamp sockets secured to the interior of said frame, a circuit connecting such lamp-sockets and having extending terminals, a plug connected to such terminals and adapted to be inserted in the incandescent-lamp socket of an electric fixture, and a switch installed in said lamp-circuit of the frame by which to turn the lights on and off.

2. An apparatus of the character described comprising a collapsible frame consisting of a plurality of transverse bow-like members, each made of two sections hinged together at their inner ends; longitudinal members uniting said transverse members, means adapted to prevent the undue spreading of the transverse frame members, a plurality of incandescent-lamp sockets secured to the interior of said frame, a circuit connecting such lamp-

sockets and having extending terminals, a plug connected to such terminals and adapted to be inserted in the incandescent-lamp socket of an electric fixture, and a switch installed in said lamp-circuit of the frame, by which to turn the lights on and off.

In testimony whereof I have hereunto af-

fixed my signature in the presence of two witnesses.

DANIEL M. WATSON.

Witnesses:

T. J. GEISLER,
ELLA ANDERSON.