

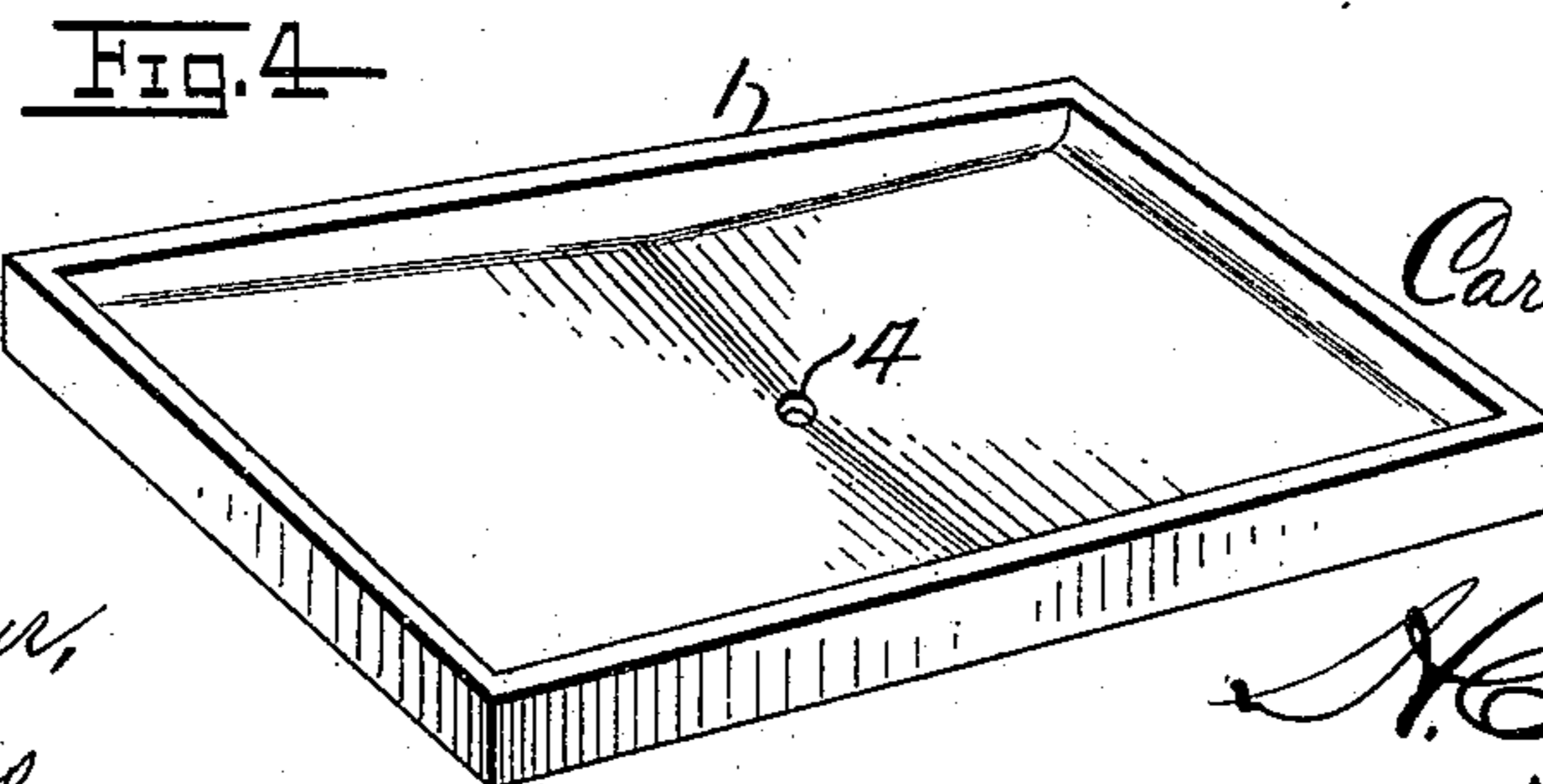
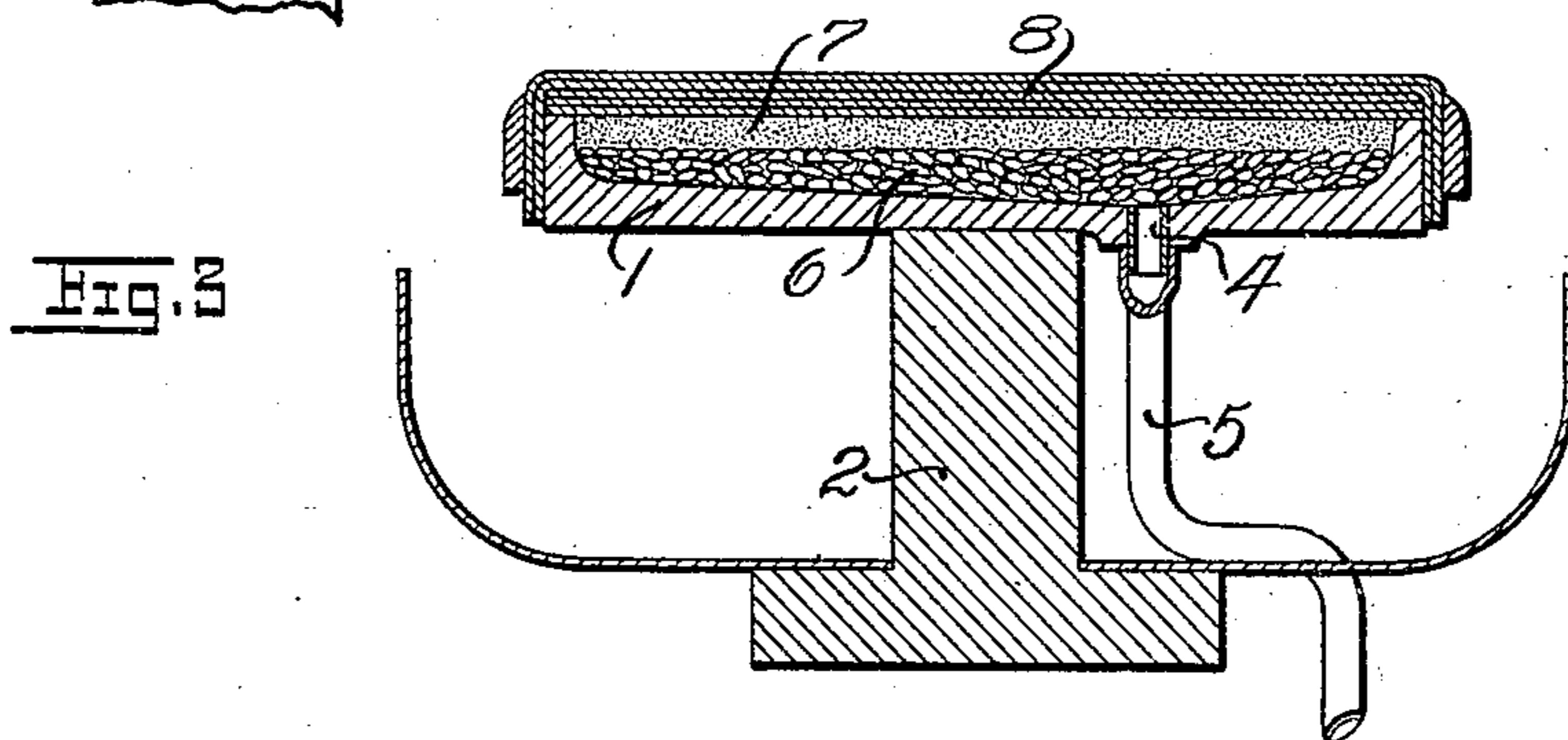
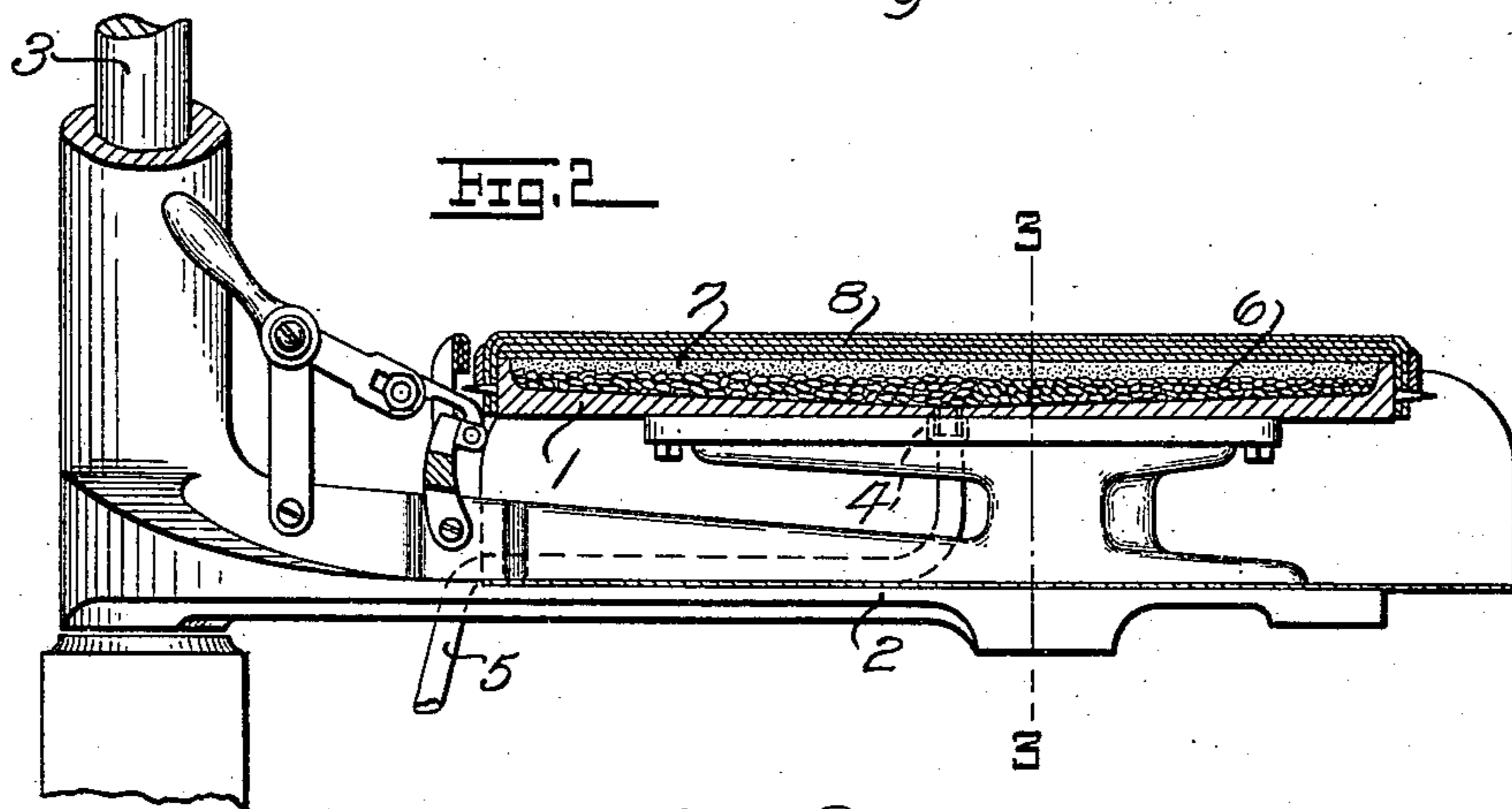
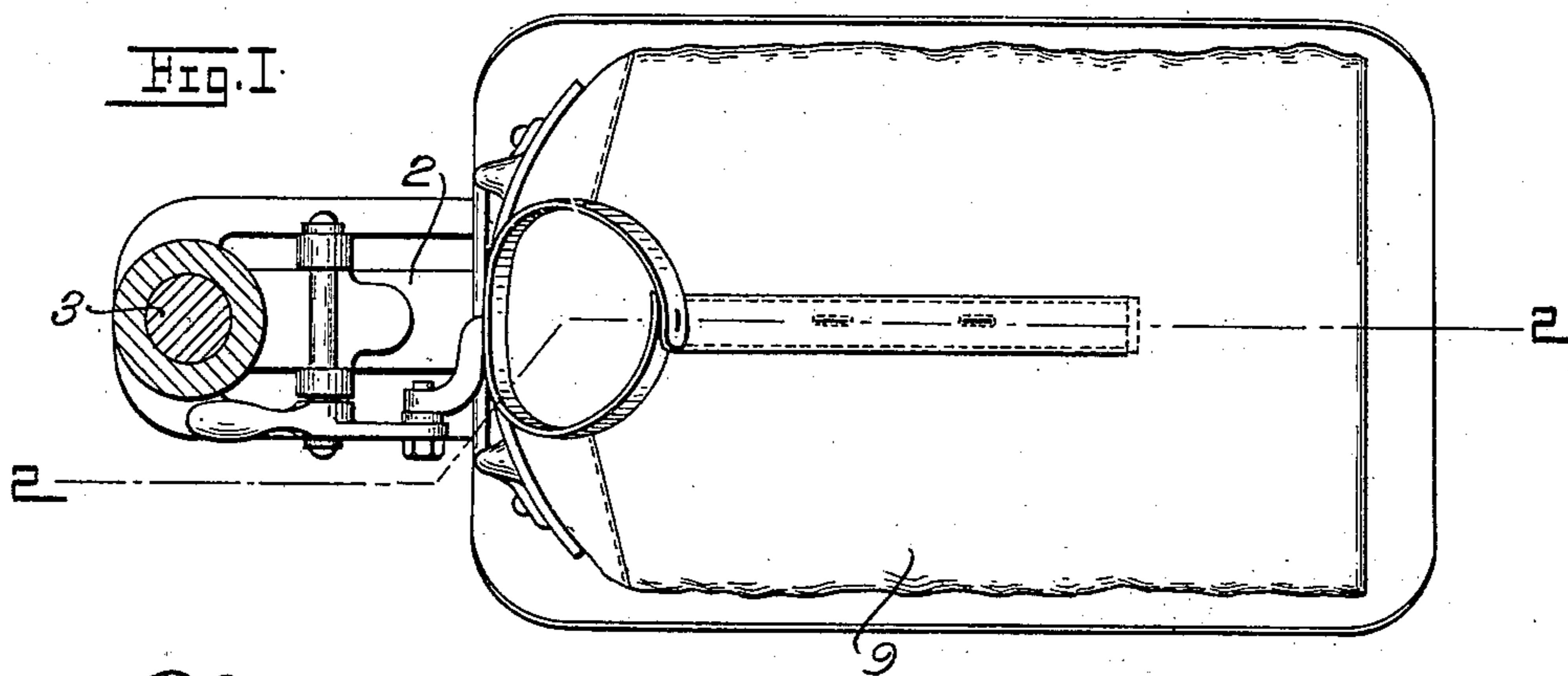
C. A. SMITH.

MOISTURE COLLECTING AND CONDUCTING DEVICE FOR PRESSING MACHINES.

APPLICATION FILED NOV. 27, 1909.

980,687.

Patented Jan. 3, 1911.



WITNESSES:
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CARLOS A. SMITH, OF BELLAIRE, OHIO.

MOISTURE COLLECTING AND CONDUCTING DEVICE FOR PRESSING-MACHINES.

980,687.

Specification of Letters Patent.

Patented Jan. 3, 1911.

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To all whom it may concern:

Be it known that I, CARLOS A. SMITH, a citizen of the United States of America, and resident of Bellaire, county of Belmont, and State of Ohio, have invented certain new and useful Improvements in Moisture Collecting and Conducting Devices for Pressing-Machines, of which the following is a specification.

10 This invention relates to devices whereby the moisture in garments being ironed on a laundry ironing or pressing machine is collected and conducted to a suitable point.

15 The primary object of the invention is to provide an ironing table for pressure ironing machines having means for collecting and conducting away the moisture contained by the garments ironed thereon.

20 A further object is to provide an ironing bed of sand or like material which shall be resilient and which will obviate the necessity for employing pads of the character usually employed.

25 A further object is to provide an extremely simple, durable and inexpensive device of the character mentioned.

30 With these and other objects in view, the invention finally consists in the particular construction, arrangement and combination of parts which will hereinafter be fully described, reference being had to the accompanying drawings, forming a part of this specification, in which—

35 Figure 1 is a top plan view of the invention with a shirt mounted thereon; Fig. 2 is a longitudinal section on the line 2—2, Fig. 1; Fig. 3 is a cross-section on the line 3—3, Fig. 2; and Fig. 4 is a perspective view of the bed-plate.

40 Referring to said drawings, in which like reference characters designate like parts throughout the several views—1 indicates a bed-plate mounted upon the semi-rotatable supporting arm 2 carried by pedestal 3 of a laundry pressing or ironing machine. Said bed-plate is hollowed out so as to make the same substantially pan-shaped, as is clearly shown in Figs. 2, 3 and 4, and the bottom thereof is inclined in opposite directions to a suitably located drain-opening 4 from which leads a flexible drain-pipe or hose 5.

6 indicates a layer of coarse gravel or

crushed quartz which has superposed there-
over a layer of sand 7 which constitutes a 55
bed upon which rests one or a plurality of
layers or thicknesses of cloth or resilient
padding 8 upon which the garments 9 to be
ironed are placed as ordinarily.

In practice, a heated ironing plate is 60
brought into contact with the garment which
has previously been stretched over the top
of the ironing table, as ordinarily, and the
garment is ironed by the pressure and heat
of said plate. The moisture in the garments 65
is converted by the heat into steam or vapor
which is driven through the padding 8, sand
bed 7 and gravel or quartz bed 6, and in its
passage is condensed. The resultant water
gravitates along the bottom of the bed-plate 70
and passes outward through the drain-open-
ing 4, from whence it is conducted away
through drain-pipe 5.

As is apparent from the foregoing, an ex-
tremely simple and inexpensive means for 75
disposing of the moisture from the garments
ironed is provided by the construction de-
scribed.

It will be obvious that various changes
within the scope of the appended claims may 80
be resorted to in the construction and ar-
rangement of parts constituting the inven-
tion without departing from the general
spirit or scope thereof.

Having thus described my invention, what 85
I claim as new, and desire to secure by Let-
ters Patent, is—

1. In an ironing table for laundry press-
ing machines, a bed-plate provided with
draining means, a layer of coarse stone upon 90
said bed-plate, a layer of sand overlying said
stone, and a fabric covering for the sand.

2. In an ironing table for laundry press-
ing machines, a receptacle-like bed-plate,
means for draining said bed-plate, a layer 95
of coarse rock-like material covering the
bottom of said bed-plate, a layer of sand
covering the first-mentioned layer, and a
pervious covering for said sand.

In testimony whereof I affix my signature 100
in presence of two subscribing witnesses.

CARLOS A. SMITH.

Witnesses:

H. E. DUNLAP,
A. C. PAUL.