

(Model.)

I. R. LeR. BOARDMAN.
Tongs.

No. 230,460.

Patented July 27, 1880.

Fig. 1.

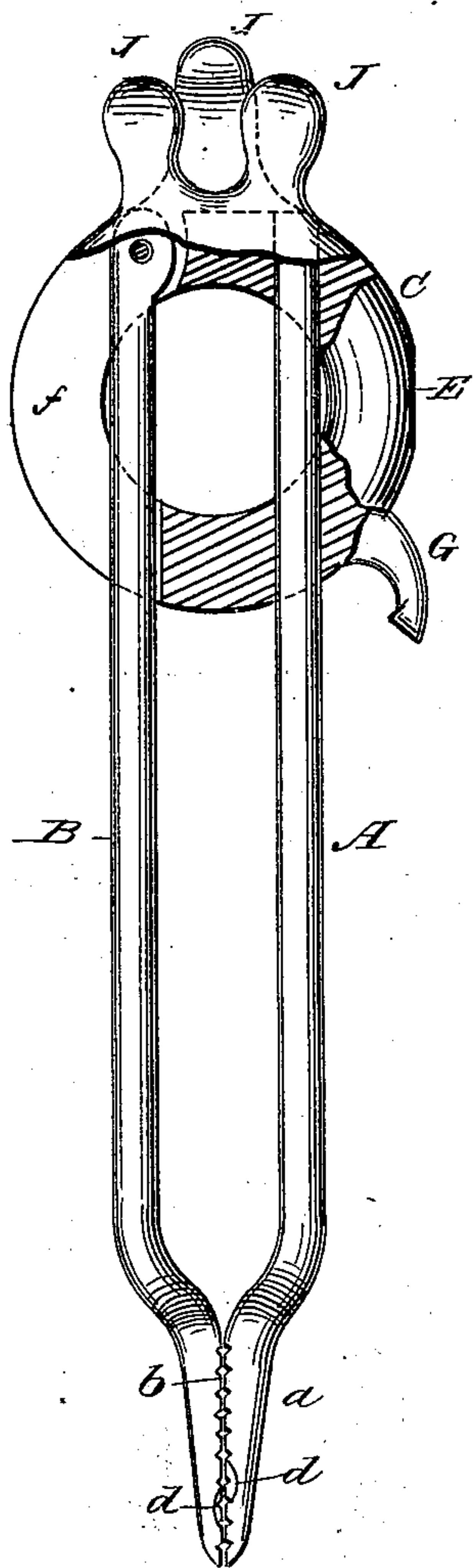
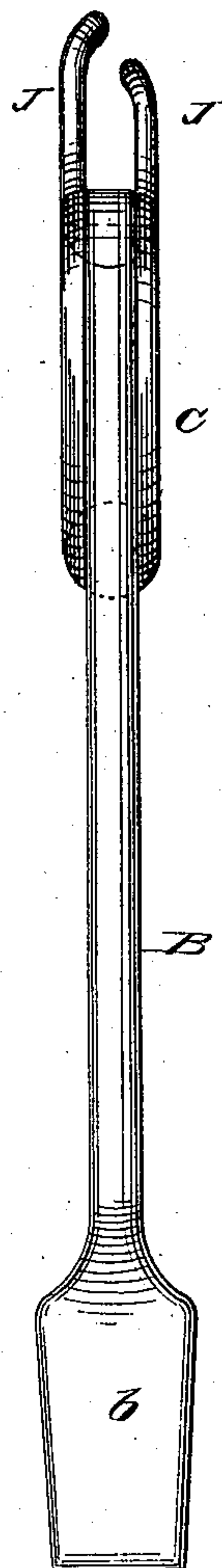


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

IRVING R. LE R. BOARDMAN, OF SNEDEKERVILLE, PENNSYLVANIA.

TONGS.

SPECIFICATION forming part of Letters Patent No. 230,460, dated July 27, 1880.

Application filed June 15, 1880. (Model.)

To all whom it may concern:

Be it known that I, IRVING R. LE R. BOARDMAN, of Snedekerville, in the county of Bradford and State of Pennsylvania, have invented
5 a new and useful Improvement in Tongs, of which the following is a specification.

My invention relates particularly to tongs for household use.

The invention consists in a novel construction of the head of the tongs and arrangement of the legs therein, whereby provision is made for insuring the proper motion of the movable leg, and preventing lateral displacement thereof, or locking thereof with the fixed
15 leg, and whereby, also, several implements are combined in one.

In the accompanying drawings, Figure 1 is a side view, partly in section, of a pair of tongs embodying my improvements. Fig. 2 is an
20 edge view of the same.

Similar letters of reference indicate corresponding parts.

A is the fixed leg, B the movable leg, and C a ring which forms the head of the tongs.
25 The fixed leg A is fast in the head C. The movable leg B is pivoted at its upper end, and it works in and is guided by a slot, notch, or fork, *f*, formed edgewise in said ring, and embracing somewhat less than half the diameter
30 thereof, by which means the proper motion of the movable leg is insured, and lateral displacement thereof is prevented.

The jaws *a b* of the legs are angular and oblong in form, instead of rounded or circular,
35 as heretofore, so that either one or both may be used as a stove-cover lifter. The faces or contiguous surfaces of the jaws are roughened or serrated, to prevent the slipping of anything

grasped by them, and each jaw is provided with a groove, *d*, to facilitate the grasping of
40 certain articles—as, for instance, the handle or bail of a pot or kettle.

On one edge of the ring or head C is a flattened and roughened surface, E, which provides for the use of the implement as a hammer. Between this hammer-surface and the
45 fixed leg is a hook, G, which may be used as a stove-cover lifter, but is more particularly intended as a pot-lifter.

At the upper edge of the tongs-head or ring
50 C is a plate-lifting device, consisting of three lugs, J, two of which project from one side of the head or ring and the third from the opposite side.

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

1. The combination, with the movable leg B, of the head or ring C, provided with the slot, notch, or fork *f*, substantially as and for
60 the purpose herein described.

2. The jaws *a b*, of angular and oblong form, and provided with the grooves *d* on their faces, as shown and described, for the purpose specified.
65

3. The combination of the fixed leg A, the movable leg B, and the head or ring C, provided with the hammer-surface E, pot-lifting hook G, and plate-lifting lugs J, forming a combined implement, as herein shown and described.
70

IRVING RANDOLPH LE ROY BOARDMAN.

Witnesses:

AUGUSTUS DAVEY,
ALICE DAVEY.