

(No Model.)

2 Sheets—Sheet 1.

J. W. BURR.

OVEN

No. 390,200.

Patented Oct. 2, 1888.

Fig. 1.

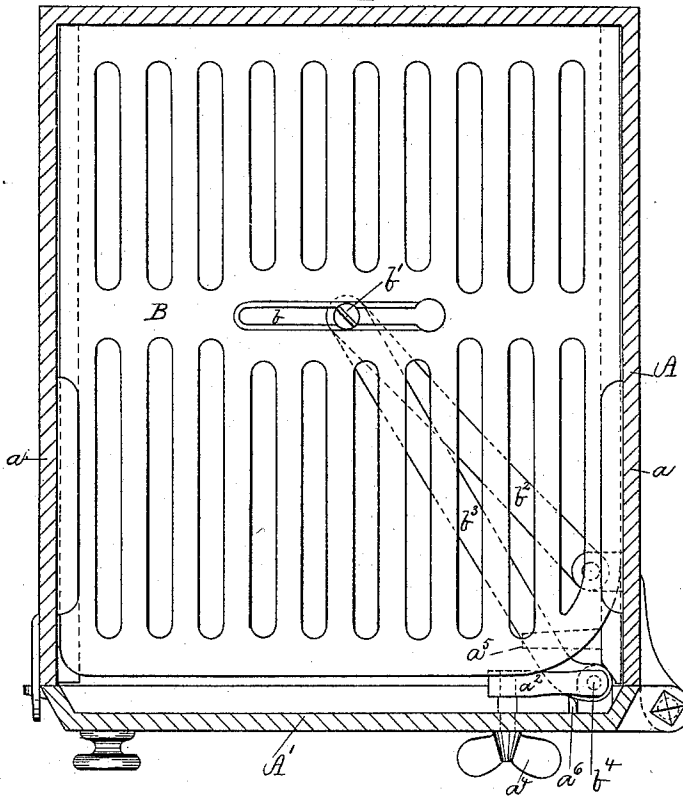
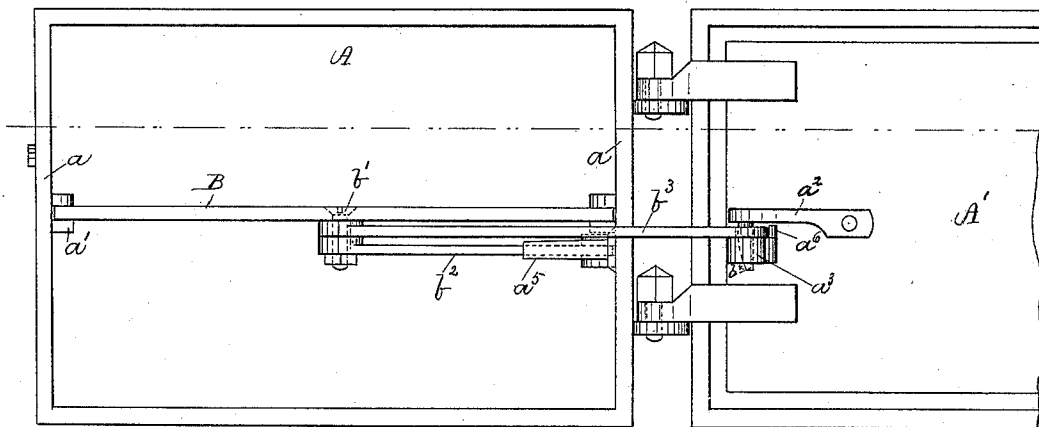


Fig. 2.



Witnesses.

L. H. Moller.

John Knowlton

Inventor.

John W. Burr,

J. E. Maynard
att'y

atly

(No Model.)

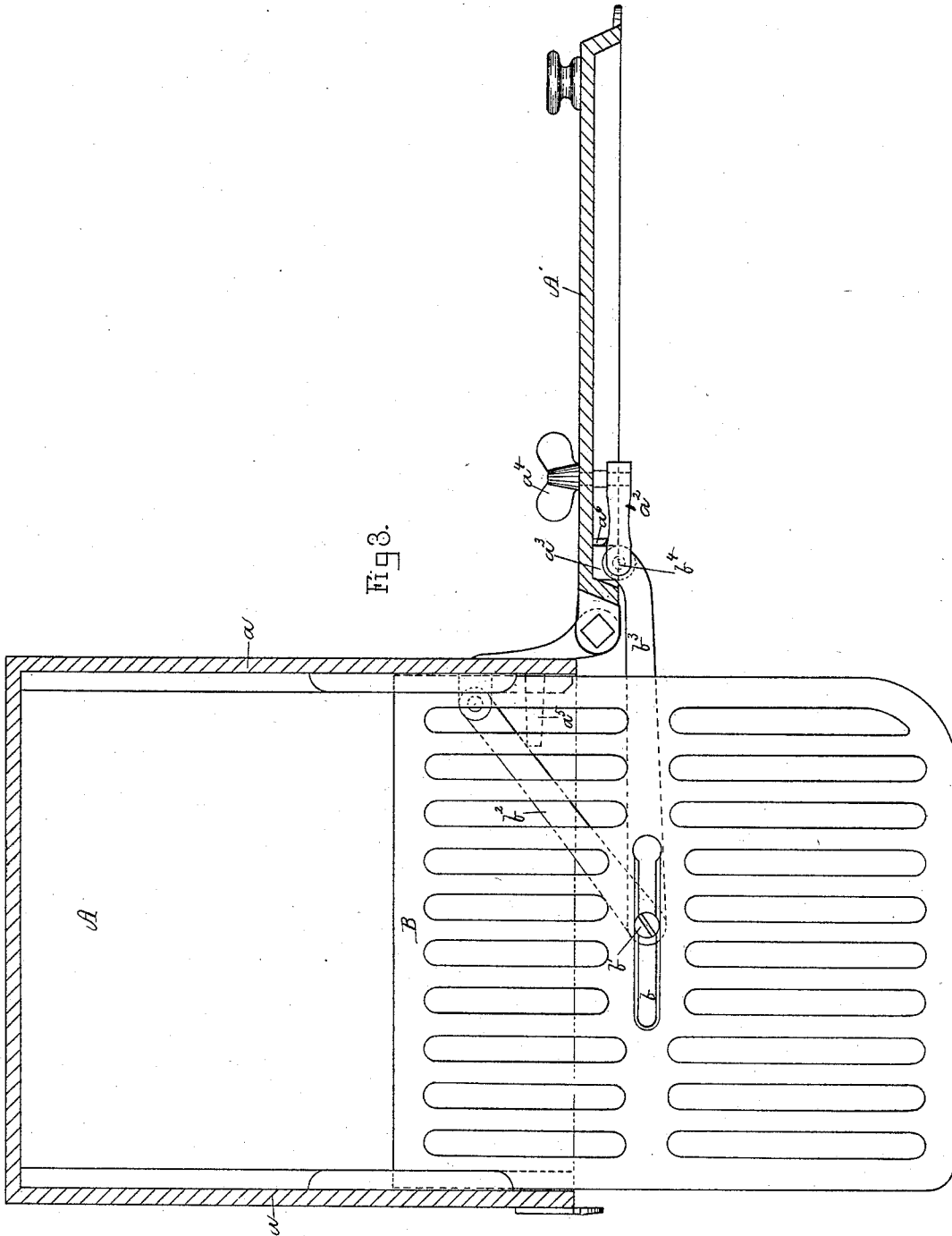
2 Sheets—Sheet 2.

J. W. BURR.

OVEN

No. 390,200.

Patented Oct. 2, 1888.



Witnesses.

L. N. Møller.

John R. Snow,

Inventor.

John W. Burr.

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UNITED STATES PATENT OFFICE.

JOHN W. BURR, OF TAUNTON, MASSACHUSETTS.

OVEN.

SPECIFICATION forming part of Letters Patent No. 390,200, dated October 2, 1888.

Application filed August 2, 1886. Serial No. 209,777. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. BURR, of Taunton, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Ovens, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a sectional view of an oven embodying my invention. Fig. 3 is a sectional view of an oven embodying my invention, showing the slide partly out of the oven. Fig. 2 is an end view with the door open.

My invention consists in a slide which is adapted to be moved in and out when the oven-door is closed and opened.

In the drawings, A is an oven, and has on the inner surfaces of its sides *a* supports *a'* for a slide, B. Slide B is provided with a transverse slot, *b*, in which moves a pin, *b'*, connecting arm *b²* to link *b³*, which is connected at its other end to the door A'. I have shown the link *b³* connected at one end to bracket *a³* on door A' by a pin, *b⁴*, carried by an arm, *a²*, which is raised and lowered by means of a knob, *a⁴*. When the oven-door is opened, link *b³* moves with the door, whereby the pin *b'* in slot *b* is moved along the slot and slide B is drawn outward over its supports. Closing the oven-door pushes slide B inwardly over supports *a'*. If it is desired to open the oven-door

without pulling out slide B, the door and the slide are readily disconnected by turning knob *a⁴*, whereby pin *b⁴* is drawn out of bracket *a³* and link *b³*. The projection *a⁵* is desirable as a support for link *b³*, and projection *a⁶* on bracket *a³* serves to direct the end of link *b³*, so that pin *b⁴* is more certain to enter the opening in link *b³*.

I am aware of Weiner's patent, No. 224,255, dated February 3, 1880, and White's patent, No. 241,901, dated May 24, 1881, and disclaim all that is described in them.

What I claim is—

1. The combination of the slide B with oven A, its door A', arm *b²*, and link *b³*, slide B having a transverse slot, *b*, in which moves a pin, *b'*, connecting the free ends of arm *b²* and link *b³*, one end of arm *b²* being secured to oven A and one end of link *b³* being secured to door A', substantially as and for the purpose set forth.

2. The oven A, its door A', and slide B, in combination with arm *b²*, link *b³*, and arm *a²*, carrying the pin *b⁴*, connecting the link with the oven-door, substantially as and for the purpose specified.

J. W. BURR.

Witnesses:

MARY W. MAYNADIER,
J. E. MAYNADIER.