

No. 737,671.

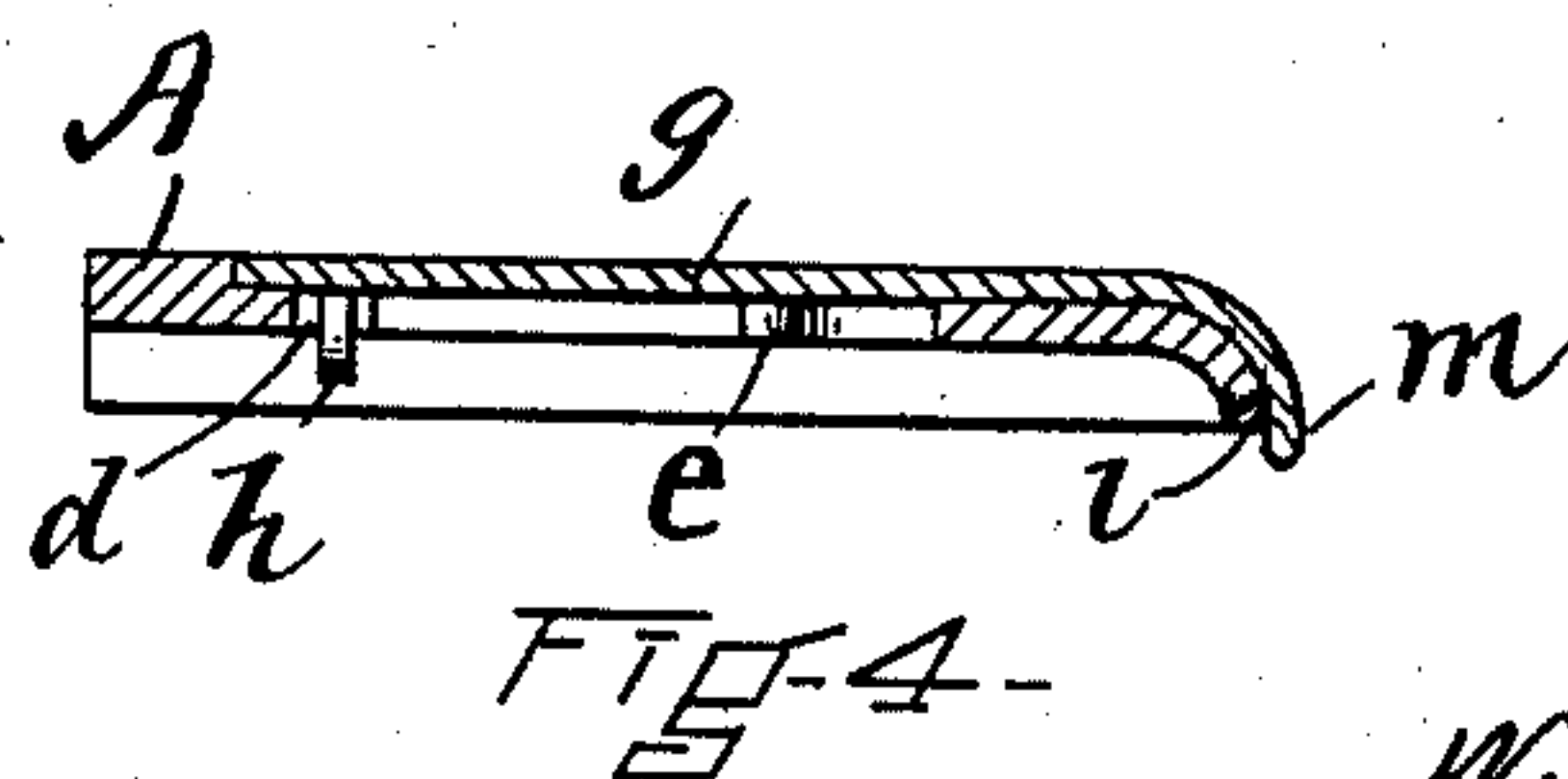
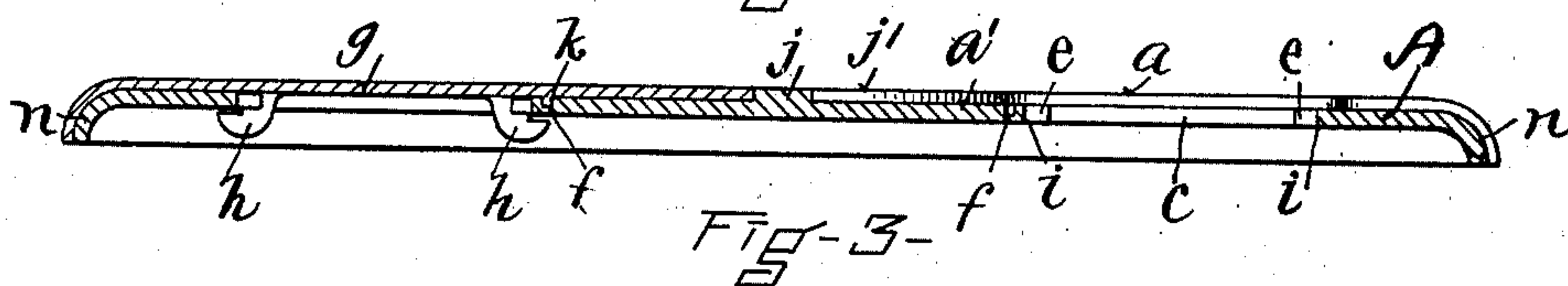
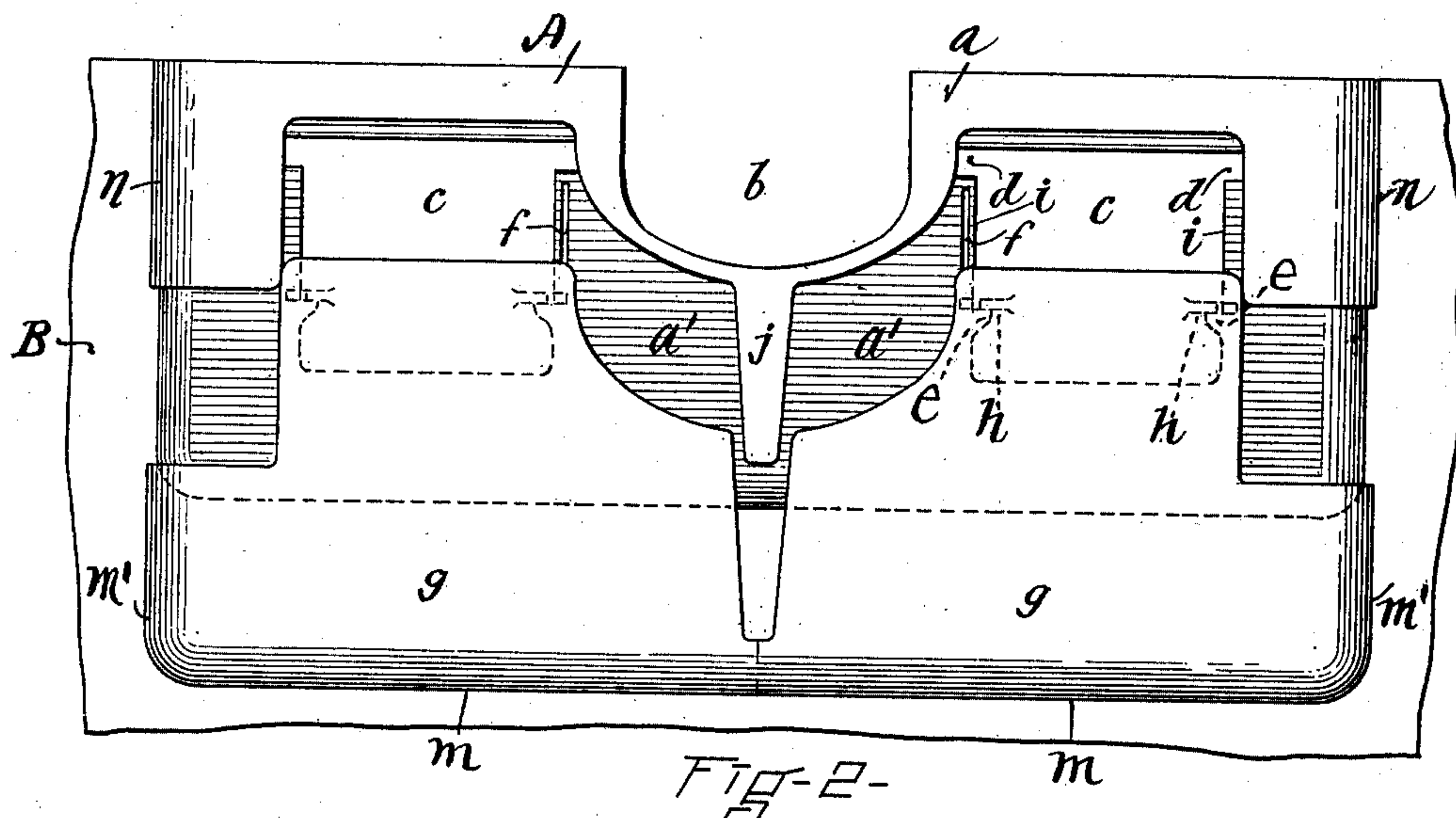
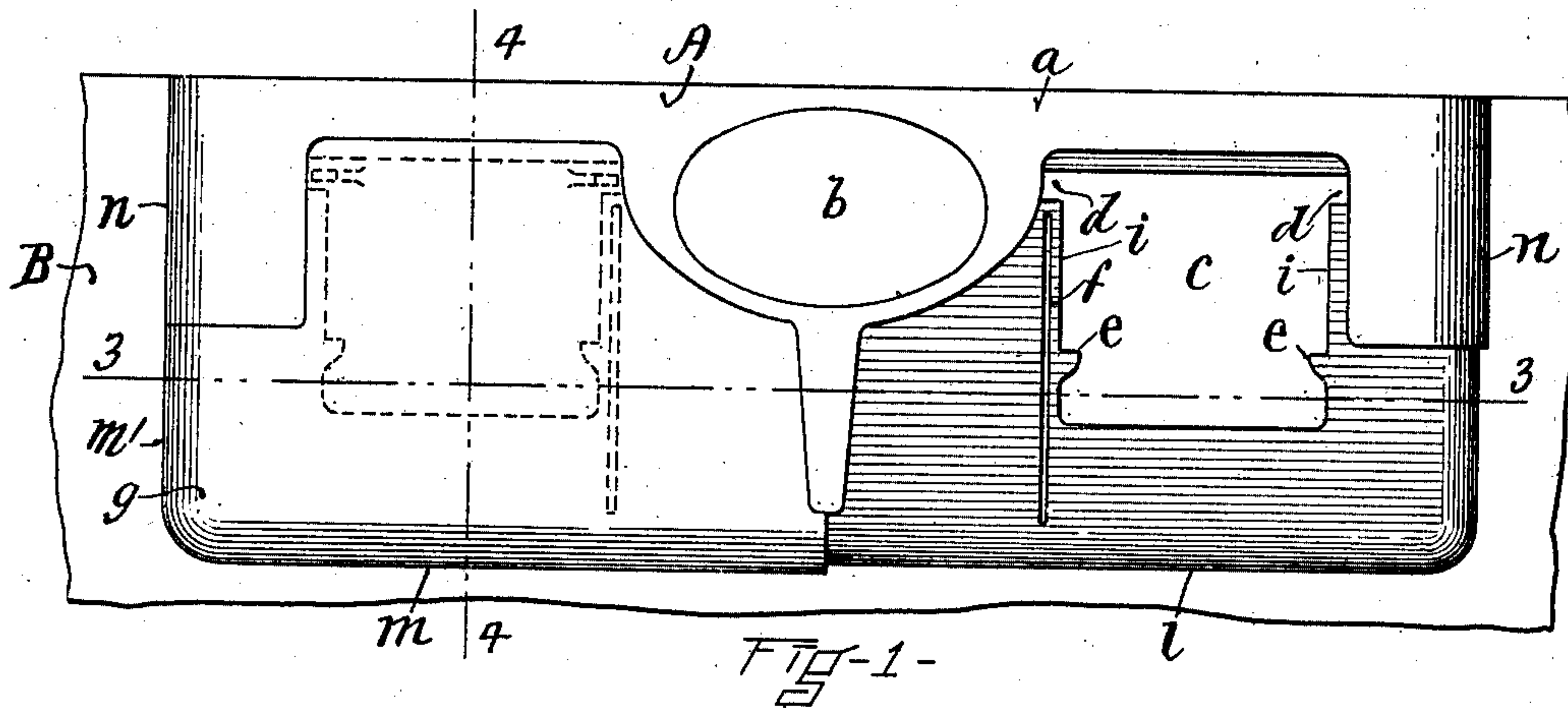
PATENTED SEPT. 1, 1903.

W. A. SPICER.

TEA SHELF FOR COOKING STOVES OR RANGES.

APPLICATION FILED APR. 21, 1902.

NO MODEL.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM A. SPICER, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO
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TEA-SHELF FOR COOKING STOVES OR RANGES.

SPECIFICATION forming part of Letters Patent No. 737,671, dated September 1, 1903.

Application filed April 21, 1902. Serial No. 104,064. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. SPICER, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Tea-Shelves for Cooking Stoves or Ranges, of which the following is a specification.

The object of my invention is to provide a tea-shelf which may be extended in separate sections over the heated top plate of the range, as required, and which may be completely utilized as a depository-shelf for articles of cooking; and my invention consists in a tea-shelf provided with sliding extensible portions, as hereinafter set forth.

In the drawings, Figure 1 represents a top view of the tea-shelf with one of the extensible portions removed. Fig. 2 represents a top view with both of the extensible portions drawn out over the stove-plate. Fig. 3 represents a section taken in the line 3 3 of Fig. 1. Fig. 4 represents a section taken in the line 4 4 of Fig. 1.

In the drawings, A represents the tea-shelf of a stove or range, and B a portion of the top of the stove-plate, upon which the elevated tea-shelf A is supported by means of a suitable bracket. (Not shown in the drawings.) The stationary plate *a* of the tea-shelf is provided with the stovepipe-opening *b*, Fig. 1, or with an equivalent notch-opening *b* (shown in Fig. 2) and also provided with the openings *c c*, arranged at opposite sides of the pipe-opening *b*, the said openings being provided at the opposite edges with the notches *d d*, the stop projections *e e*, and the guiding-grooves *f f*. The plate *a* of the shelf is also provided with the depressed surfaces *a' a'*, which are separated by the rib *j*, which extends in the plane of the surface *j'* of the plate, and with the downwardly-turned ends *n n*. The extensible portions *g g* of the tea-shelf A fit into the recesses formed by the depressed surfaces *a' a'* and are provided at their under sides with the oppositely-directed hooks *h h*, which are adapted to pass downward in the notches *d d* to engagement with the under side of the plate *a*, along the parallel edges *i i* of the opening *c*, the forward movement of the extensible portion *g* being limited by the engagement of the outer side of the hooks *h h* with the stop projections *e e*

of the plate *a*, as shown by the dotted lines in Fig. 2. The under side of the extensible portion *g* is provided with a rib *k*, which loosely fits into and slides in the guiding-groove *f*, and by means of the guiding rib and groove the extensible portion *g* of the shelf is properly held against lateral movement when in its extended position, as shown in Fig. 2. The extensible portion of the shelf is also provided with the downwardly-turned edge *m* and the corner *m'*, the said edge *m* being made to project below the downwardly-turned edge *l* of the plate *a* to provide convenient means for drawing the extensible shelf outward, and the downwardly-turned corner *m'* provides for a suitable junction with the downwardly-turned end *n* of the plate *a* when the extension-shelf is moved back, as shown in Fig. 1.

I claim as my invention—

1. The combination of the tea-shelf plate *a*, provided with the opening *b*, for the stovepipe, the hook-engaging opening *c*, the depressed portion *a'*, and the downwardly-turned end *n*, with the extensible shelf portion *g*, provided with the hook-formed engaging means *h*, and the downwardly-turned front edge *m*, substantially as described.

2. The combination of the tea-shelf plate *a*, provided with the opening *b*, for the stovepipe, the hook-engaging opening *c*, the depressed portion *a'*, the guiding-groove *f*, and the downwardly-turned end *n*, with the extensible shelf portion *g*, provided with the engaging hooks *h*, the guiding-rib *k*, and the downwardly-turned front edge *m*, substantially as described.

3. The combination of the tea-shelf plate *a*, provided with the opening *b*, for the stovepipe, the hook-engaging openings *c c*, the depressed portions *a' a'*, and the downwardly-turned ends *n n*, with the extensible shelf portions *g g*, provided with the hook-formed engaging means *h*, the downwardly-curved front edges *m*, and corners *m'*, which abut the downwardly-turned ends *n n*, substantially as described.

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Witnesses:

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