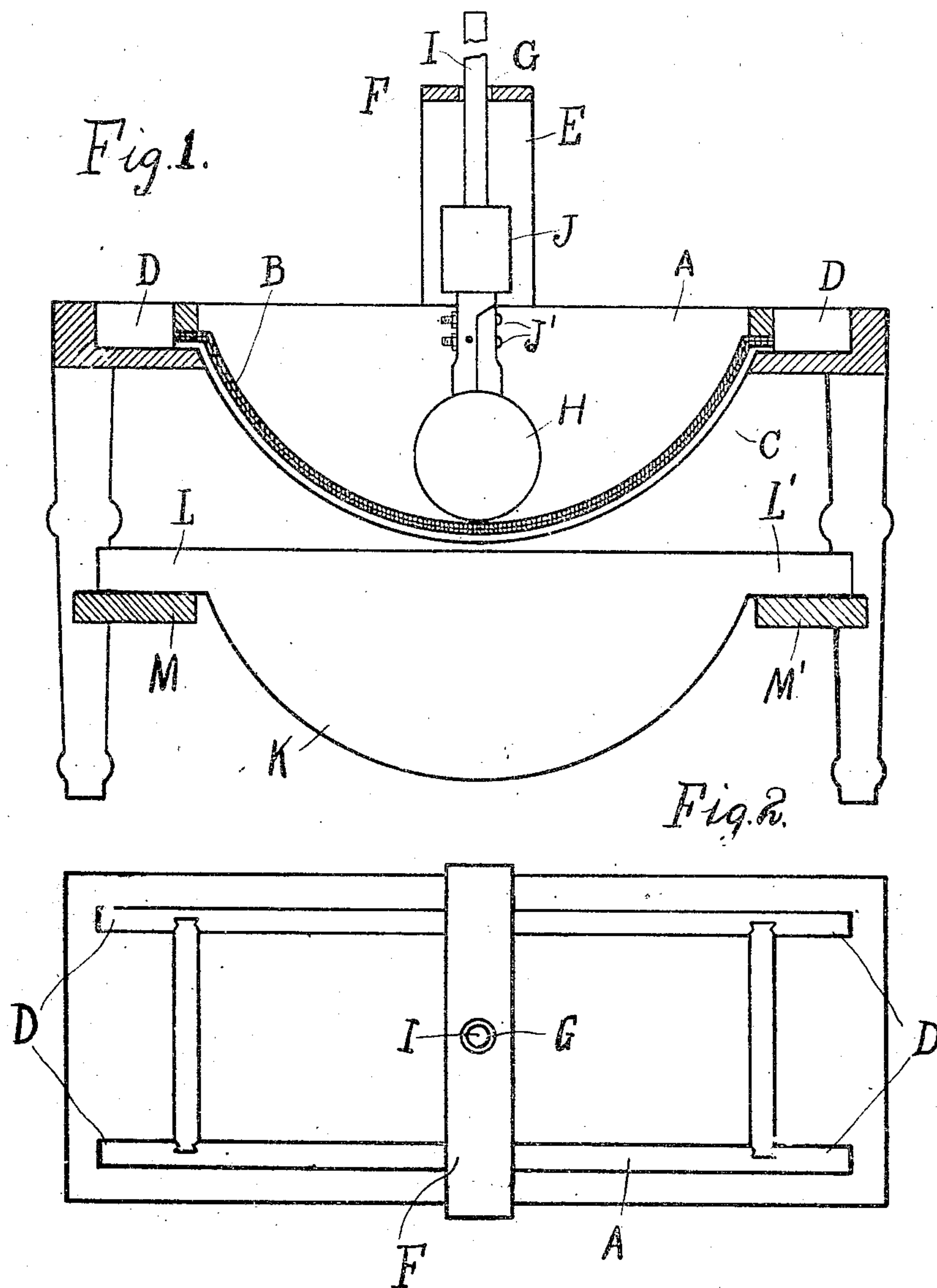


A. S. DUVAL.
 POTATO MASHER, SOUP STRAINER, AND THE LIKE.
 APPLICATION FILED NOV. 14, 1907.

908,223.

Patented Dec. 29, 1908.

2 SHEETS—SHEET 1.



WITNESSES

S. M. Gallagher.
E. N. Schofield

INVENTOR

Alfred S. Duval

BY

W. P. Williamson

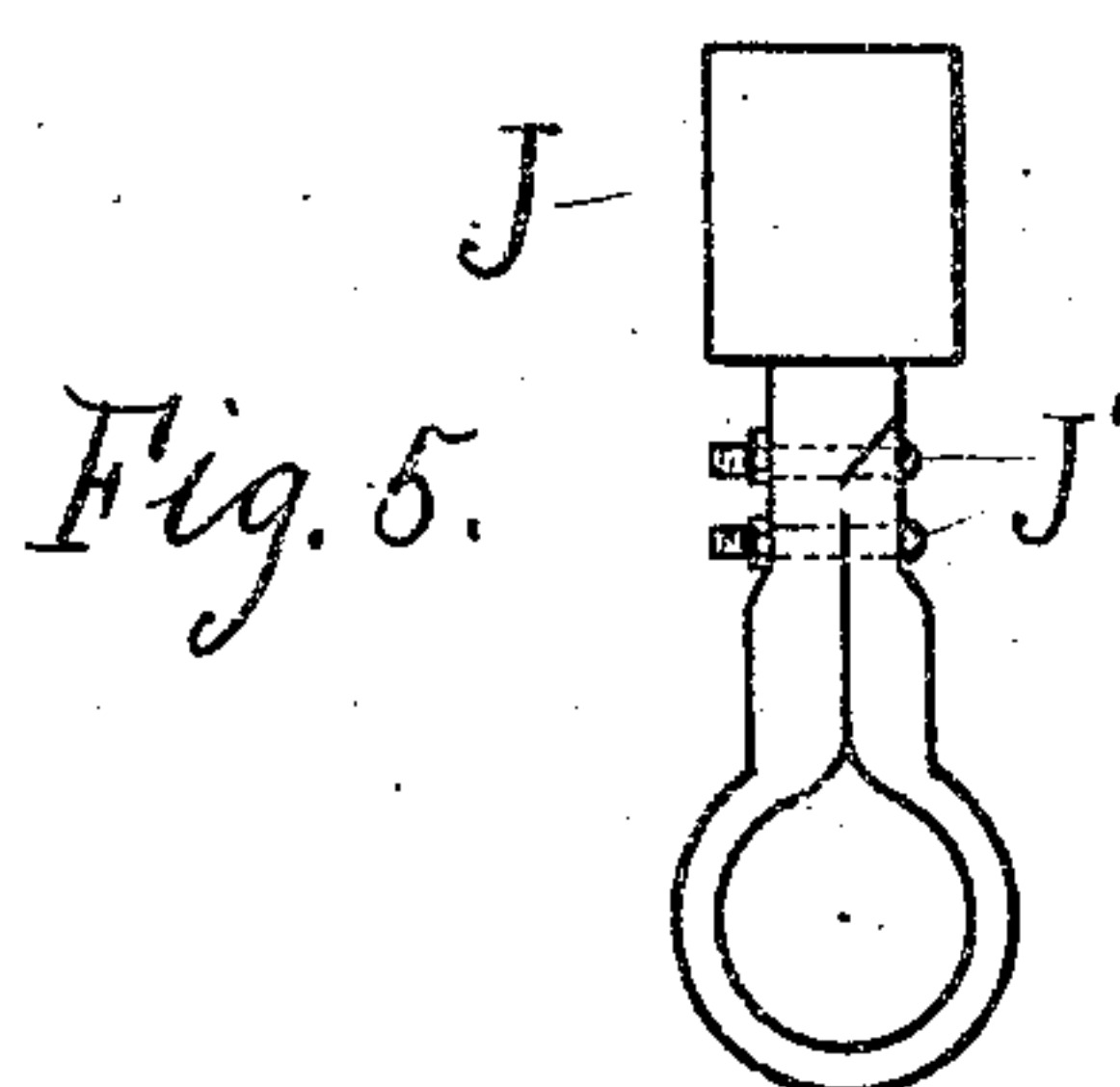
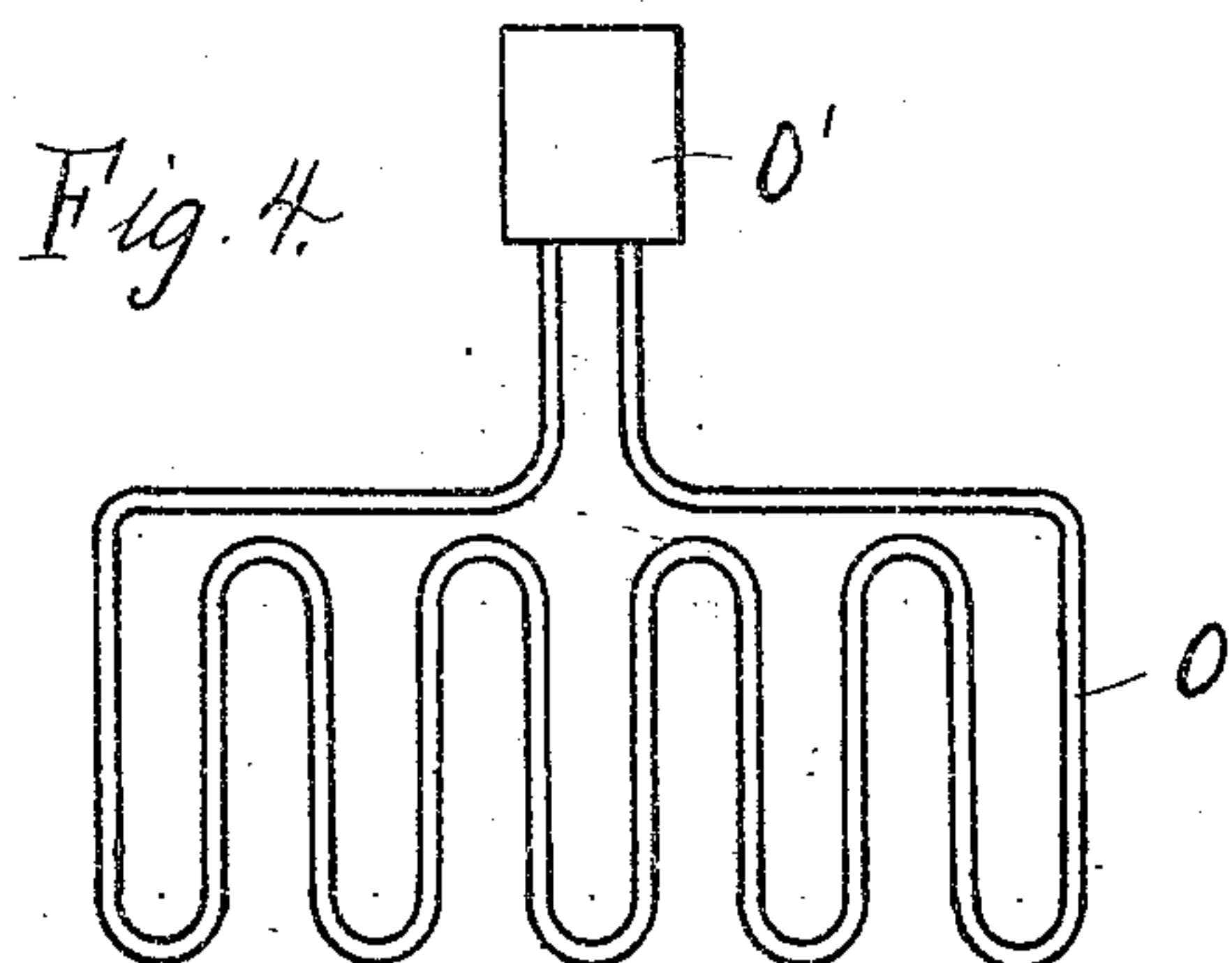
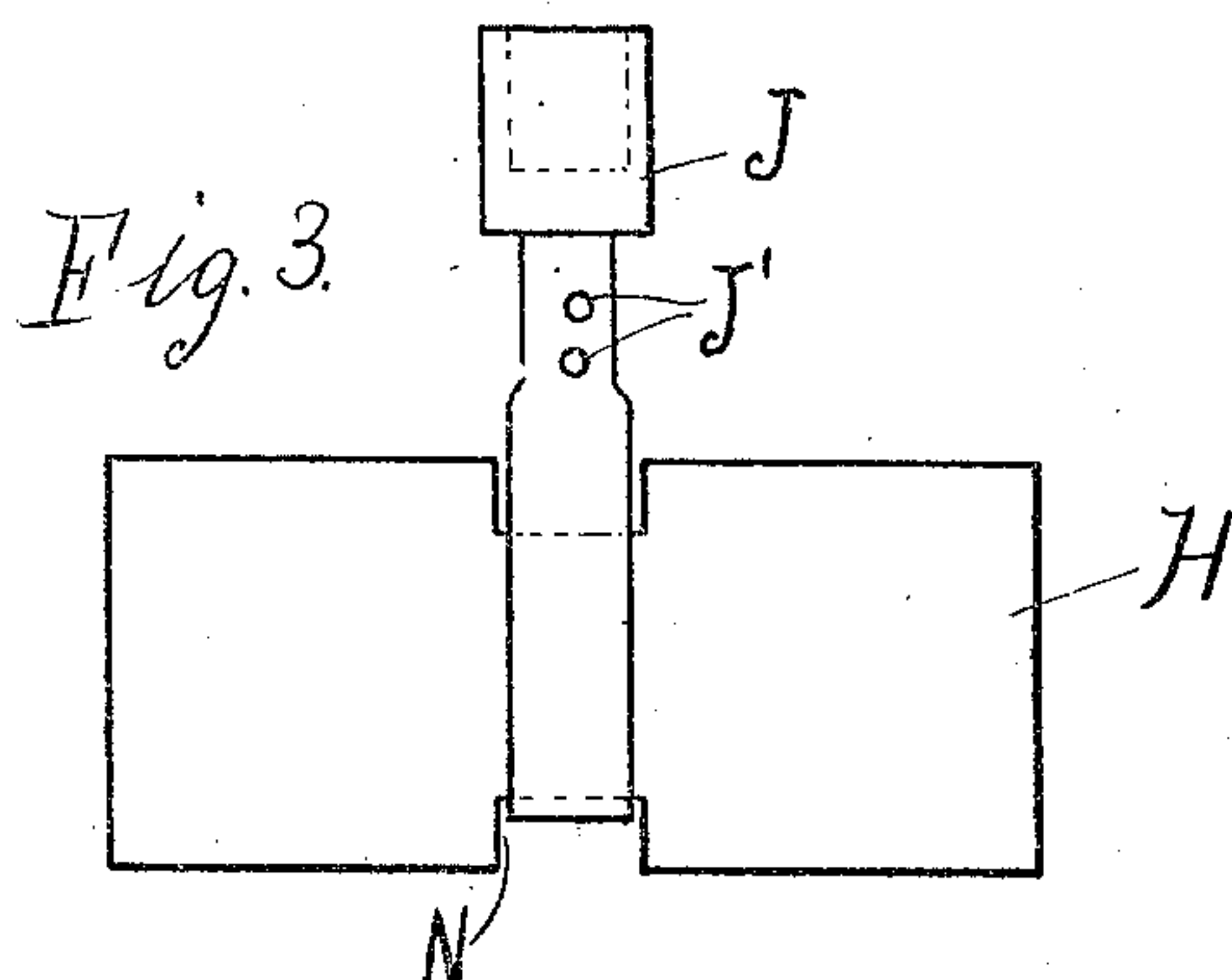
ATTORNEY

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2 SHEETS—SHEET 2.



WITNESSES

S. M. Gallagher.
E. N. Sheffield

INVENTOR

Alfred S. Duval
BY

W. P. Williams

ATTORNEY

UNITED STATES PATENT OFFICE.

ALFRED S. DUVAL, OF PHILADELPHIA, PENNSYLVANIA.

POTATO-MASHER, SOUP-STRAINER, AND THE LIKE.

No. 908,213.

Specification of Letters Patent.

Patented Dec. 29, 1908.

Application filed November 14, 1907. Serial No. 402,062.

To all whom it may concern:

Be it known that I, ALFRED S. DUVAL, a citizen of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in Potato-Mashers, Soup-Strainers, and the Like, of which the following is a specification.

My invention relates to a new and useful improvement in potato mashers, soup strainers and the like, and has for its object to provide an exceedingly simple and effective device of this description by which potatoes may be mashed and mixed with butter and milk, and the soups may be strained in order that the particles used in making the soup may be separated therefrom.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by letter to the accompanying drawing forming a part of this specification, in which—

Figure 1 represents a longitudinal section of my improvement showing the pan which is used for receiving the contents which pass through the strainer or sieve in full. Fig. 2, a plan view thereof. Fig. 3, a side elevation of the roller which is used to force the contents of the masher through the sieve. Fig. 4, a side elevation of the whipper used in mixing the butter and milk with the potatoes. Fig. 5, an end view of the two piece rocker which acts as a connection between the roller and the handle for working the same.

In carrying out my invention as here embodied, A represents the strainer, which is semi-circular in shape, having the screen B attached thereto and held in place by means of the iron band C.

The extensions D which are formed from the sides of the strainer fit in grooves cut in the top of a table, the strainer passing through a large opening also cut in said table. On two sides of the table are uprights E, to which is attached the cross piece F, having the opening G. The roller H is placed within the strainer and the handle I

inserted through the hole G and placed within the proper opening in the bearing J.

K represents a pan, which is of the same shape as the strainer, having the extensions L and L' for inserting in the openings cut in the top of the table and for resting upon the shelves M and M' when it is being used for receiving the contents of the strainer which passes through the sieve.

The roller H is made of a solid piece of wood, having a groove cut around the center thereof, as indicated at N, the rocker J is then placed within this groove and the bolts J' are placed through their proper openings and a nut threaded on to the outer end, thus clamping the said rocker J about the roller.

The whip O is made from a piece of wire and bent in any desirable shape, and is fastened to a piece of metal O' having the same shape as the head of the rocker J, with an opening cut therein for the reception of the handle I.

In practice, when potatoes are to be prepared in the manner commonly known as mashed potatoes, a number of potatoes having first been boiled and the parings removed therefrom are placed within the strainer and the roller run back and forth over them by working the handle I backward and forward, using the hole G as a pivot point, thus the potatoes will be forced through the sieve and into the pan K. The roller will then be taken out and the strainer removed from the table and replaced by the pan K, and the whip O will have the handle inserted in the opening of the member O', thus the whip will be propelled backward and forward through the potatoes in the same manner as the roller was moved backward and forward until the potatoes become light and fluffy and the milk and butter thoroughly mixed.

Having thus fully described my invention, what I claim as new and useful is—

1. In combination with a table having an opening and grooves cut therein, of an interchangeable strainer and pan, semicircular in shape having the extensions formed with the sides thereof, said extensions adapted to fit within the grooves in the table for supporting the strainer or pan in the opening, shelves fastened to the legs of the table for supporting the pan beneath the strainer when said strainer is in the opening formed in the table, uprights centrally secured on the long sides

of the table, a cross piece having an opening cut therein attached to the top of the up-
rights, and means passed through said open-
ing for acting upon the material within the
5 strainer or pan.

2. In combination with a table having an opening and grooves cut therein, of an inter-
changeable strainer and pan, semicircular in
shape having extensions formed on the sides
10 thereof, said extensions adapted to fit within the grooves in the table for supporting the strainer or pan in the opening, shelves fastened to the legs of the table for supporting the pan beneath the strainer when said
15 strainer is in the opening formed in the table, uprights centrally secured on the long sides of the table, a cross piece having an opening cut therein attached to the top of the up-
rights, and a handle adapted to pass through
20 the opening in the cross piece adapted to receive a roller or whip, as specified.

3. In combination with a table having an opening and grooves cut therein, of an inter-

changeable strainer and pan, semicircular in shape having extensions formed on the sides 25 thereof, said extensions adapted to fit within the grooves in the table for supporting the strainer or pan in the opening, shelves fastened to the legs of the table for supporting the pan beneath the strainer when said 30 strainer is in the opening formed in the table, uprights centrally secured on the long sides of the table, a cross piece having an opening cut therein attached to the top of the up-
rights, a handle adapted to pass through the 35 opening in the cross piece, and a whip secured to the lower end of said handle, as and for the purpose set forth.

In testimony whereof, I have hereunto affixed my signature in the presence of two 40 subscribing witnesses.

ALFRED S. DUVAL.

Witnesses:

S. M. GALLAGHER,

E. W. AUSTIN.