

No. 659,775.

Patented Oct. 16, 1900.

W. M. VISER.

FLOUR SIFTER.

(Application filed Jan. 6, 1900.)

(No Model.)

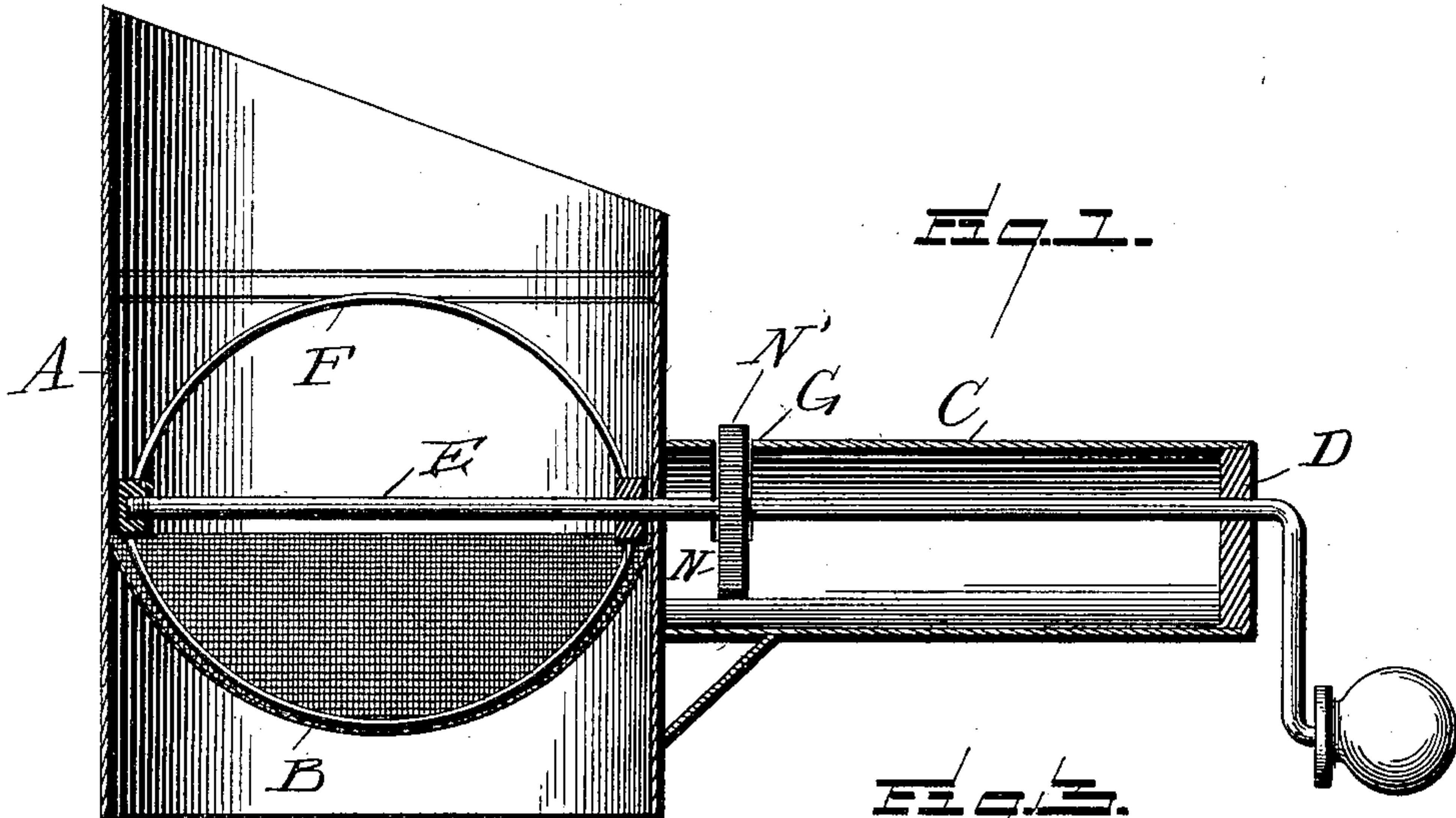


Fig. 1.

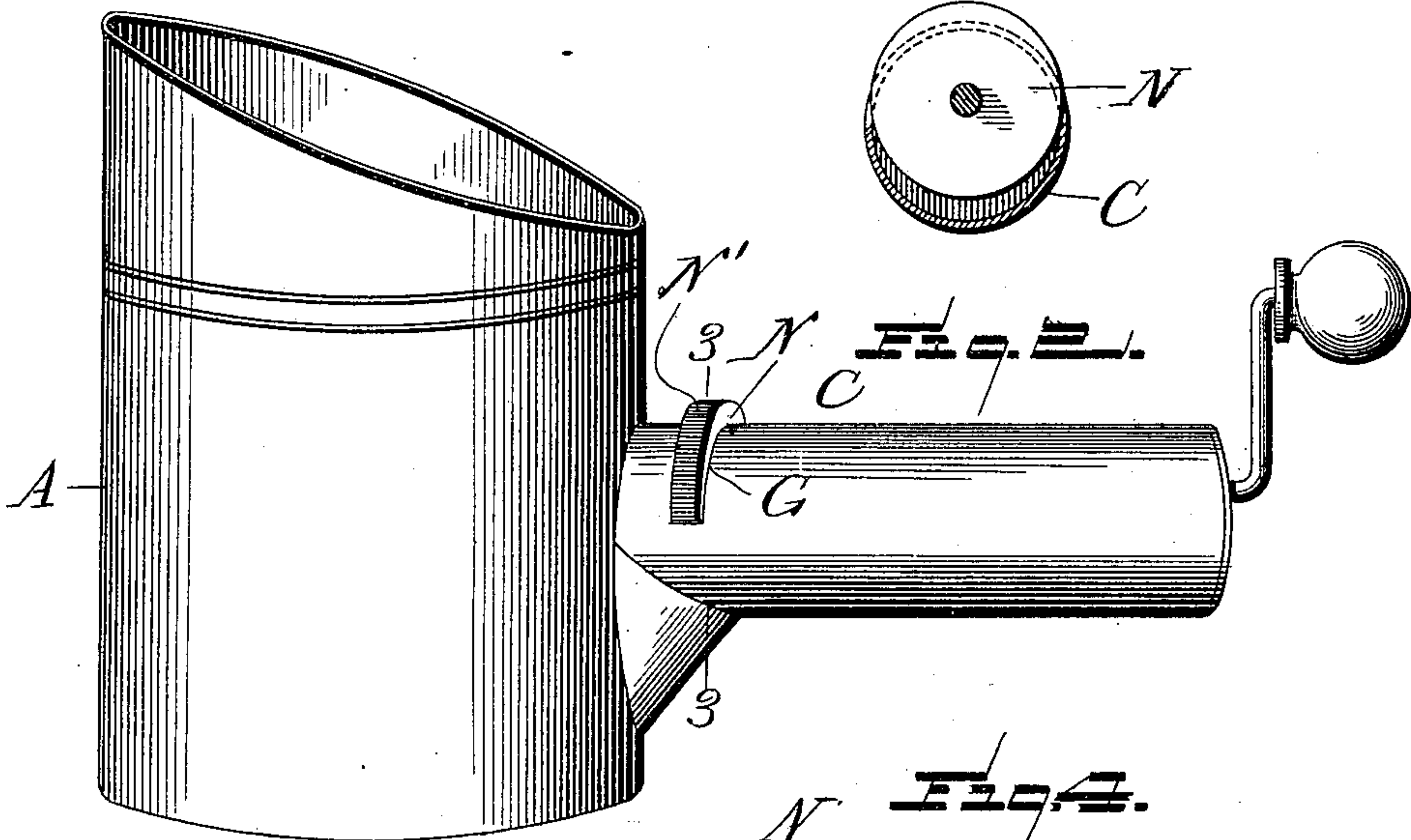


Fig. 2.

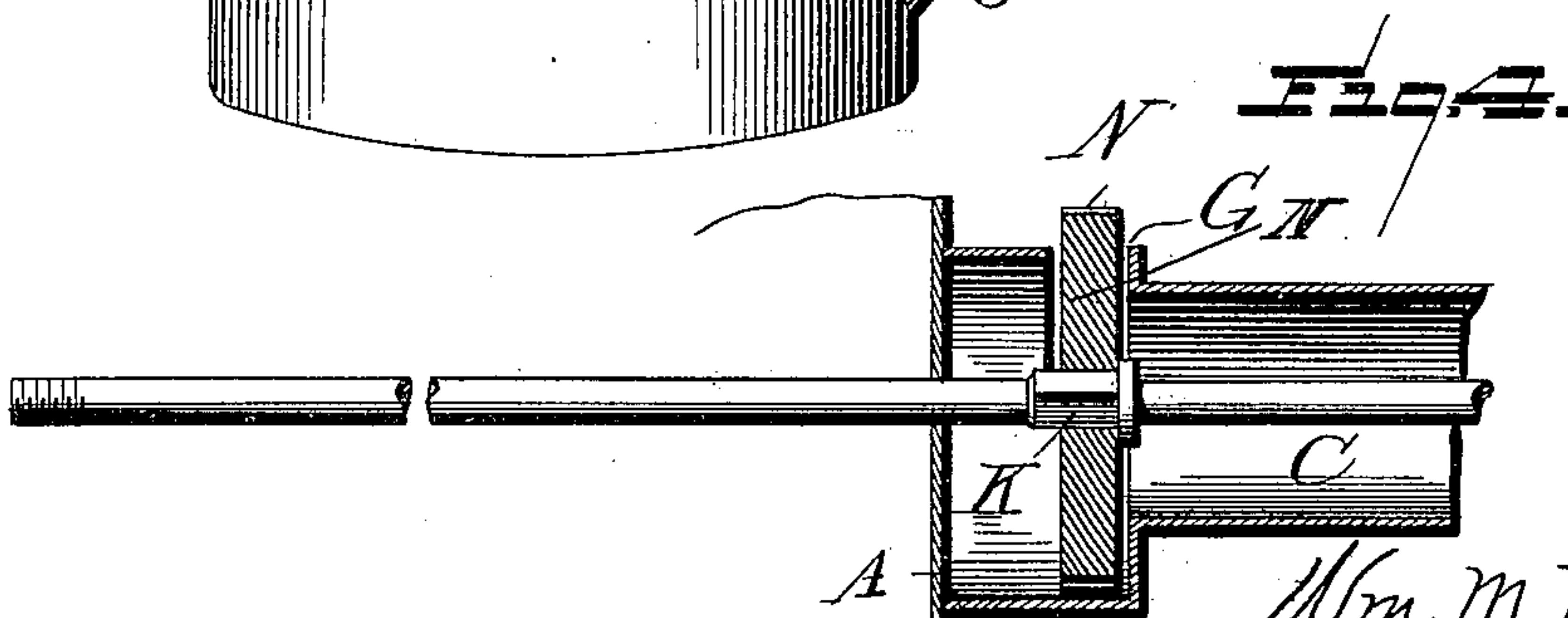


Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM M. VISER, OF HARRODSBURG, KENTUCKY.

FLOUR-SIFTER.

SPECIFICATION forming part of Letters Patent No. 659,775, dated October 16, 1900.

Application filed January 6, 1900. Serial No. 570. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. VISER, a citizen of the United States, residing at Harrodsburg, in the county of Mercer and State of Kentucky, have invented certain new and useful Improvements in Flour-Sifters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in flour-sifters, and especially to a sifter which may be held in either hand of the operator and the stirrer agitated by the fingers or thumb of the hand which holds the sifter, thus necessitating but one hand to do the work heretofore requiring both hands. This improvement is a great convenience to the person using the device, for sifting can be done with one hand, while the other may be used for stirring, kneading, or other purposes at the same time.

To these ends and to such others as the invention may pertain, the same consists, further, in the novel construction, combination, and adaptation of parts, as will be hereinafter more fully described, and then specifically defined in the appended claims.

My invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form part of this application, and in which drawings—

Figure 1 is a central longitudinal sectional view through my improved one-hand sifter and handle. Fig. 2 is a perspective view of the sifter complete. Fig. 3 is a sectional view on line 3 3 of Fig. 2; and Fig. 4 is a central longitudinal view through the handle, showing a slight modification.

Reference now being had to the details of the drawings by letter, A designates the bowl or scoop having a concave screen B therein and a handle C secured to the outer wall of the scoop. Mounted in an aperture in the wall of the scoop and in a second aperture in the removable cap D of the handle is a shaft E. Secured to the shaft are the curved agi-

tator-arms F, which are of the well-known construction. Said handle is slotted, as at G, at a location adjacent to the scoop, and securely fastened to the shaft is a wheel N, having a milled circumference N'. This milled wheel, being of a size to pass through the hollow handle, is located and rotates in said slot, with a portion of its circumference extending above same, so that said wheel may be easily rotated by the thumb or finger of the holder and by rocking said wheel back and forth cause the agitator-arms to vibrate without the necessity of the operator taking his or her other hand for the purpose of rotating the shaft carrying the agitator, as has been commonly the practice heretofore with rotary sifters. By having the milled wheel slightly smaller than the hollow handle and securely fastened to the shaft the shaft and wheel may be readily removed, if desired.

If preferred to utilized a wheel of larger diameter for greater power, the portion of the handle adjacent to the scoop may be made larger, as seen in Fig. 4, and the wheel located in a slot in said enlarged part of the handle. The milled wheel, with a square hole in the center, may be removably mounted on a squared portion K of the shaft E, so that by rocking said wheel the shaft, with agitator-arms attached, will be oscillated, and when desired to take said shifter apart shaft E may be unscrewed from the agitator-arms F and drawn out with removable cap D, leaving the milled wheel in a fixed position.

While I have shown my invention as being operated by means of a milled wheel carried on the shaft mounted in the handle, still I do not confine myself to the construction described, as the main point of the present invention consists in the provision of a sifter which may be held and a rotary agitator operated with the use of but a single hand.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

1. A flour-sifter, comprising a scoop, a rotary shaft, an agitator, a handle, and a milled wheel mounted on said shaft and adapted to rock the agitator by the thumb of the hand of the operator holding the sifter, as set forth.
2. A flour-sifter, comprising a scoop, a han-

5 dle secured thereto, a shaft mounted in said handle and wall of the scoop, and a wheel with milled circumference mounted on a squared portion of the shaft, and disposed in a slot of the handle, and designed to be actuated by the thumb of the hand of the operator holding the sifter, as set forth.

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

WILLIAM M. VISER.

Witnesses:

W. T. WASHINGTON,

WM. VANDIVIR.