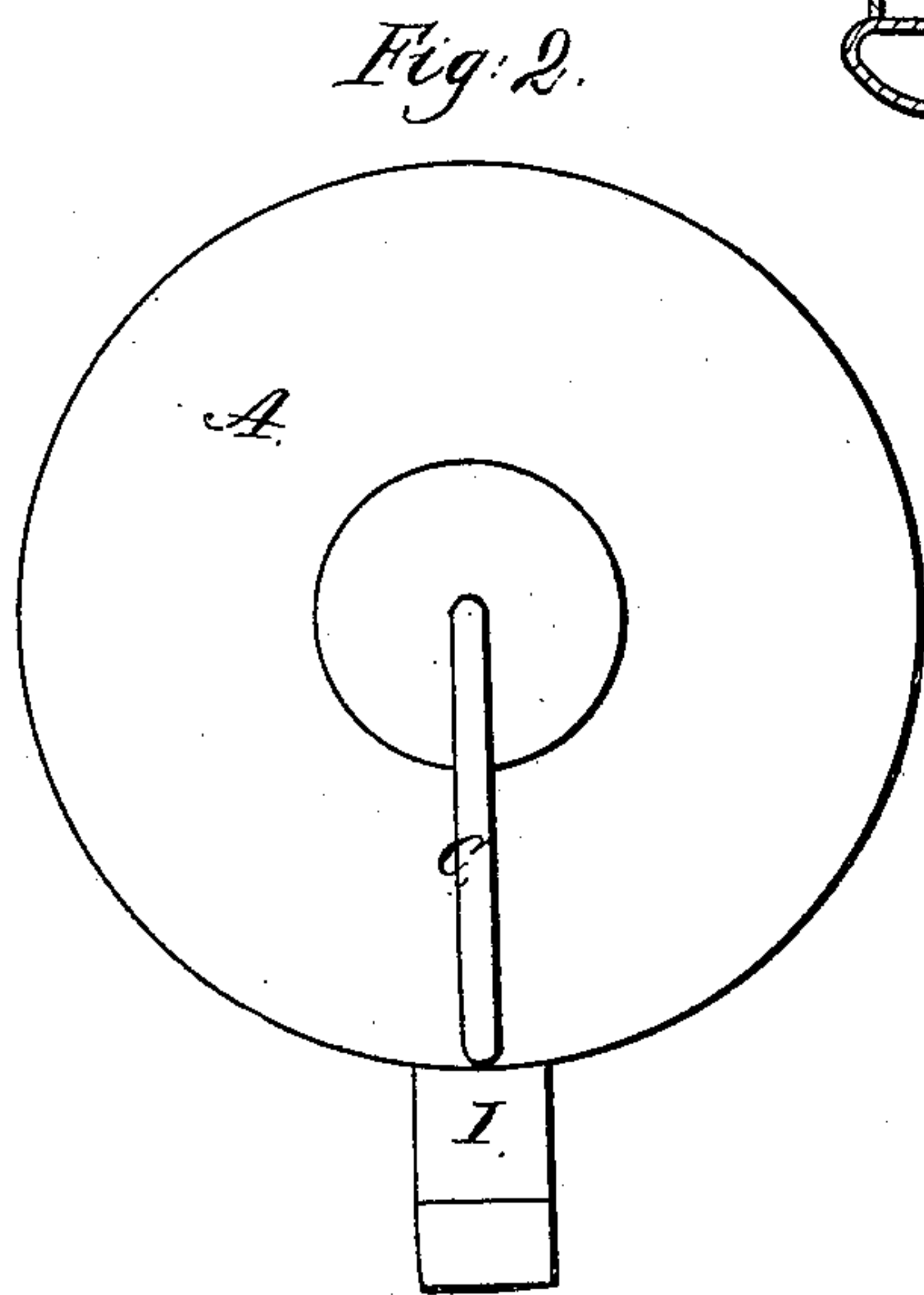
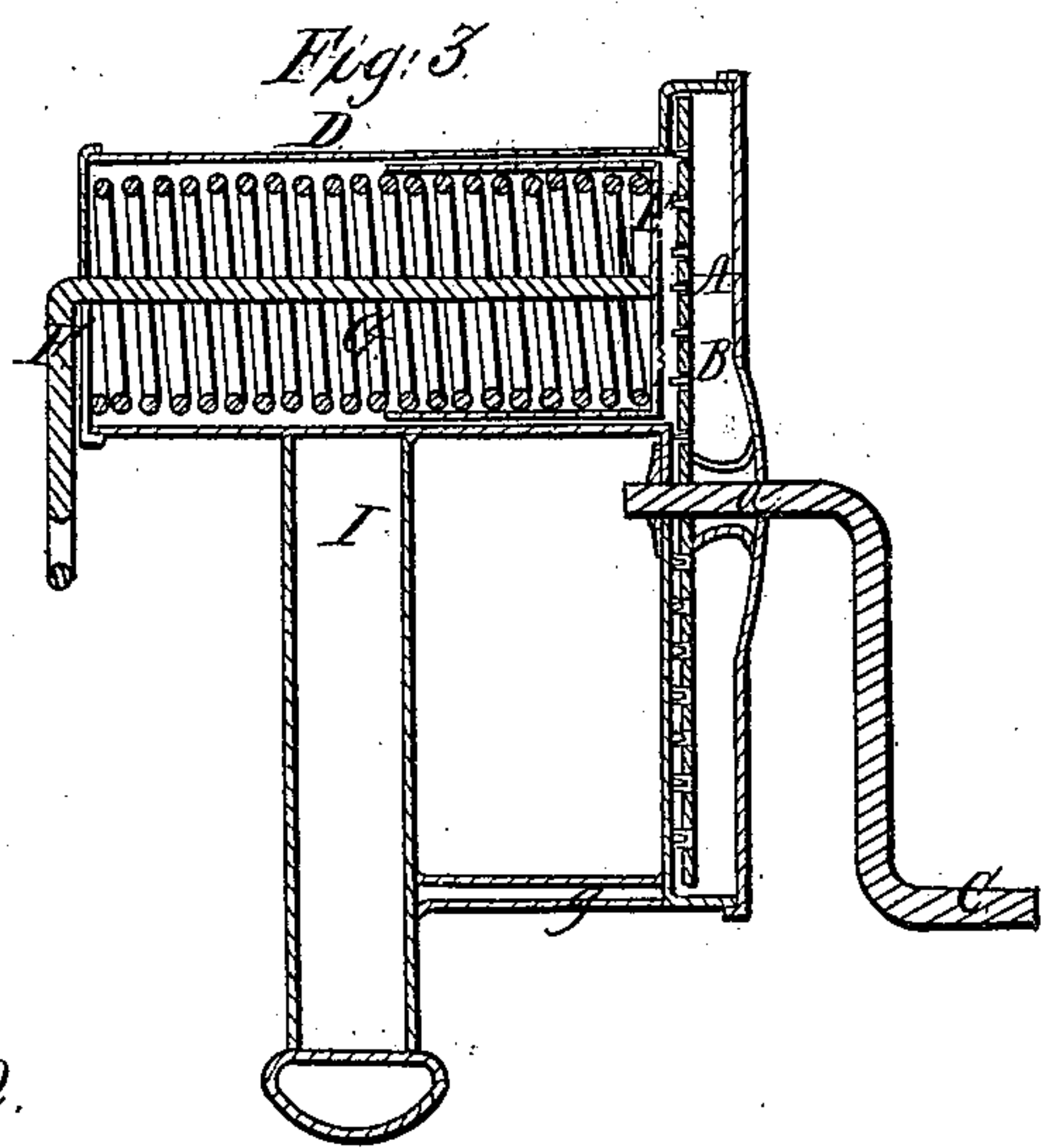
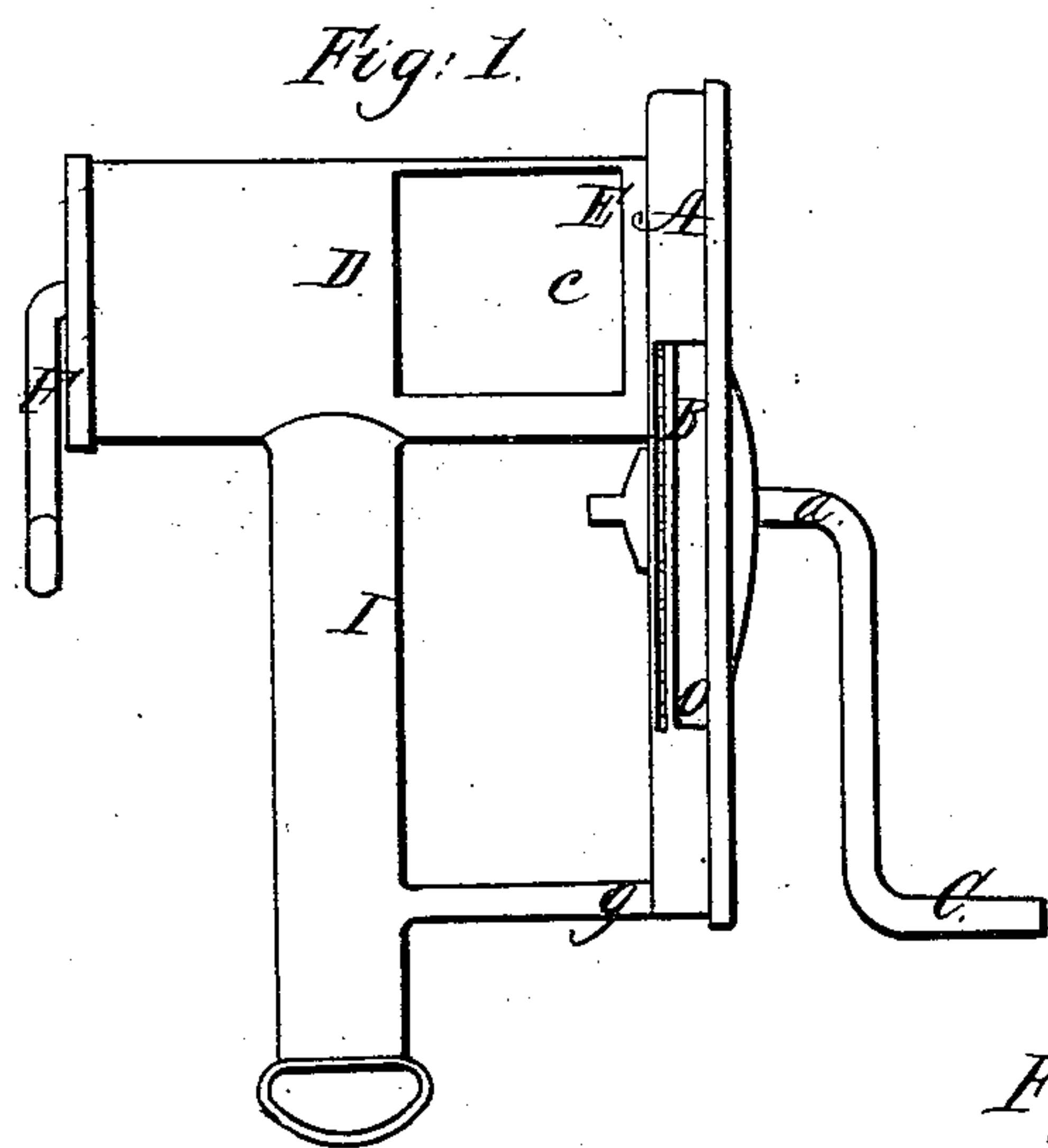


H. Carsley,
Nutmeg Grater.
N^o 13,834 *Patented Nov. 20, 1855.*



UNITED STATES PATENT OFFICE.

HIRAM CARSLY, OF LYNN, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND EDMUND BROWN.

NUTMEG-GRATER.

Specification of Letters Patent No. 13,834, dated November 20, 1855.

To all whom it may concern:

Be it known that I, HIRAM CARSLY, of Lynn, in the county of Essex and State of Massachusetts, have invented a new and Improved Nutmeg-Grater; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, letters, figures, and references thereof.

Of said drawings Figure 1 denotes a front view or elevation of one of my improved nutmeg graters; Fig. 2 is a side view of the same looking flatwise at the case which contains the rasping wheel; Fig. 3 is a longitudinal section taken through the axes of the rasping wheel, the handle and the nutmeg holder.

In these drawings A exhibits a thin or shallow case or box of a circular form and having an opening O through its convex part there being placed within such case a rasping or grater disk B, which is affixed to a shaft, *a*, that has a crank C applied to it for the purpose of rotating it and the wheel. Connected to the case A and projecting from what may be termed the rear side of it is a cylindrical box or holder D which opens directly into the case and is formed with a passage, *c*, leading through its side. Within this box is a disk or piston E which plays or slides longitudinally therein and is forced toward the grating or rasping wheel by means of a helical spring G, disposed between the piston and the top of the box or holder so that when a nutmeg is placed in the box it may be pressed by the piston and spring close against the rasping surface of the grater wheel. A handle F extends from the piston and through the spring and out of the closed end of the box or holder as seen in the drawings. This handle serves to enable a person to move the piston backward whenever it may be desirable, either to insert a nutmeg into the box or holder or to remove it therefrom. There is also a handle I extended from the box or holder and parallel to the case A, and connected

therewith by a brace or arm, *g*, as seen in the drawings. The grater wheel consists simply of a circular metallic plate, formed with a rasping surface or with rasping projections made by punching holes through it in the manner in which the rasping surface of a common nutmeg grater is usually made. When my improved grater is used it is to be held in one hand of a person, while with the other hand the crank is seized and rapidly rotated so as to move the rasping surface against the nutmeg placed in the box or holder, the raspings of the nutmeg falling out of the case A through the holder or piston and the spring thereof, in connection with the nutmeg grater or rasping surface and applied to operate therewith substantially as described, I effect a very important improvement and I not only provide a very convenient means of holding a nutmeg (during the operation of rasping it) and so as to obviate all danger to the fingers of a person being scratched against the rasping surface of the grater but at the same time I am enabled to reduce the nutmeg in a much more expeditious manner than it can be when held by the fingers of a person and rubbing against a rasping surface. Besides these advantages another is offered, viz: that the nutmeg while it lasts is always placed within the box, and therefore is not liable to be lost or mislaid, for when once it is put in the box or holder it generally remains there until it is worn out.

What I claim as my invention is—

The combination of the box and holder and the pressure spring or contrivance with the rasping surface of the grater, the whole being applied and made to operate together substantially as specified.

In testimony whereof, I have hereunto set my signature this seventeenth day of May, A. D. 1855.

HIRAM CARSLY.

Witnesses:

AARON LUMMUS,
CHAS. LEFAVOUR.