

C. H. BRADY.

Corn Sheller.

No. 68,941.

Patented Sept. 17, 1867.

Fig: 1.

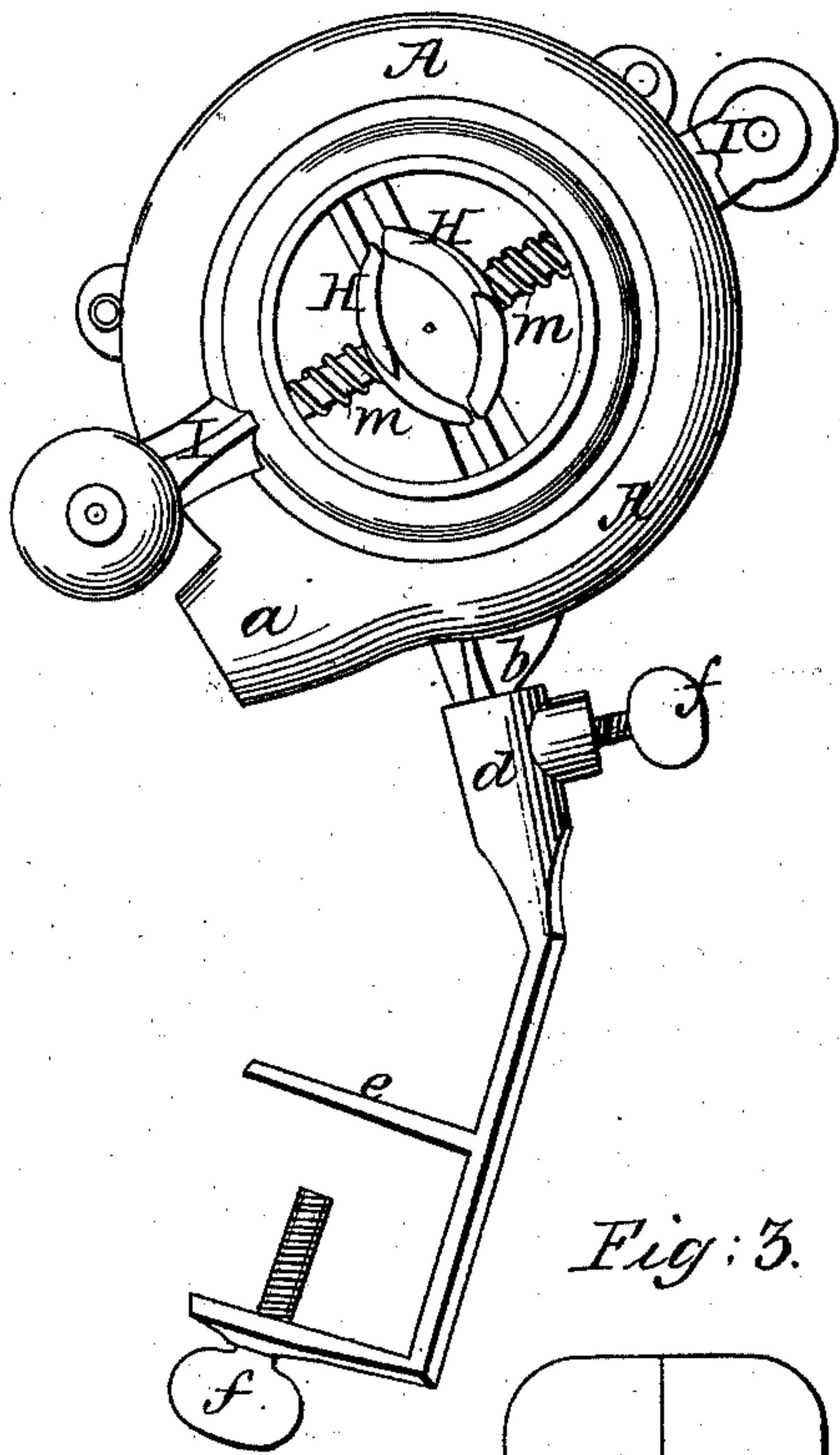


Fig: 2.

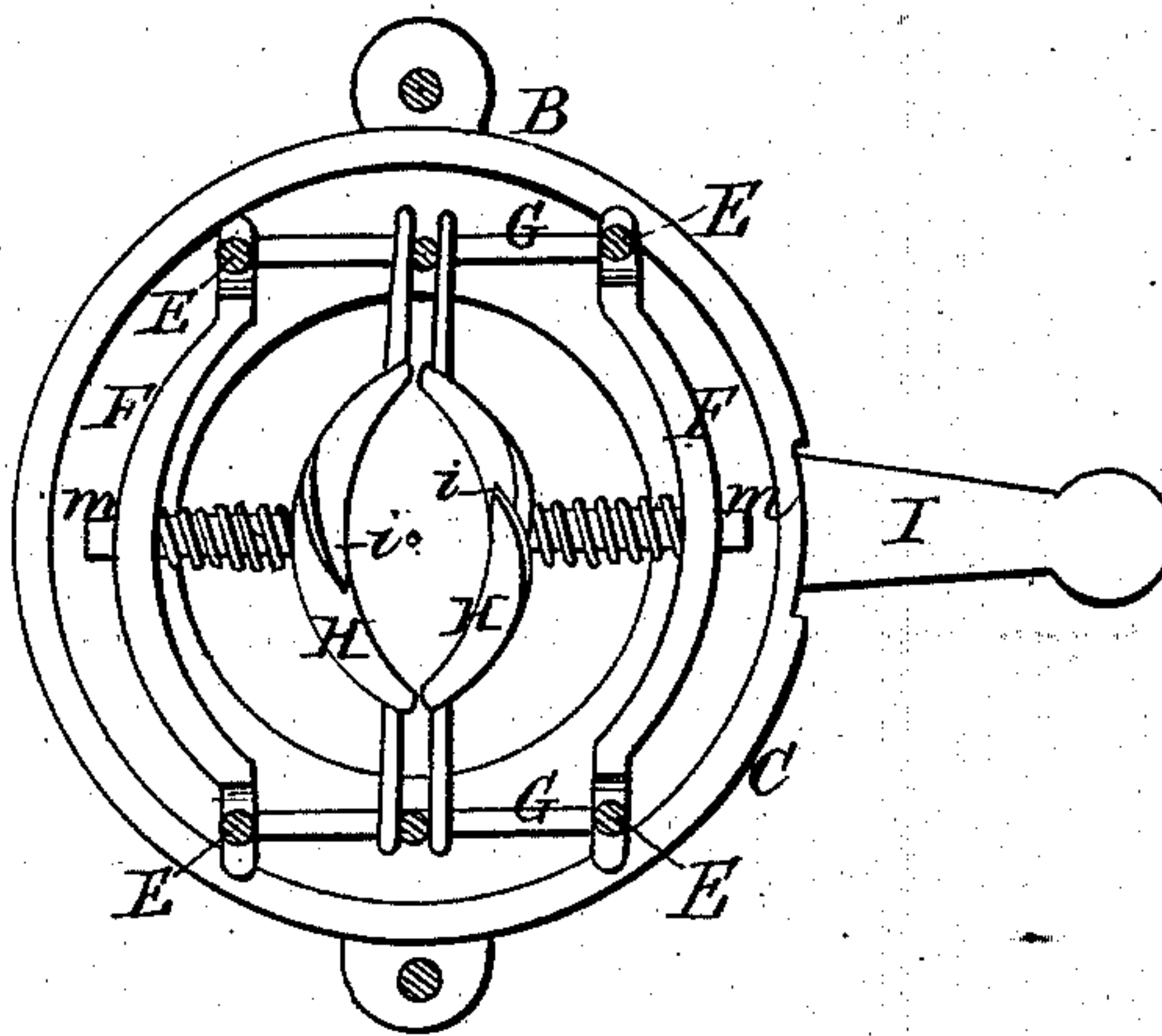
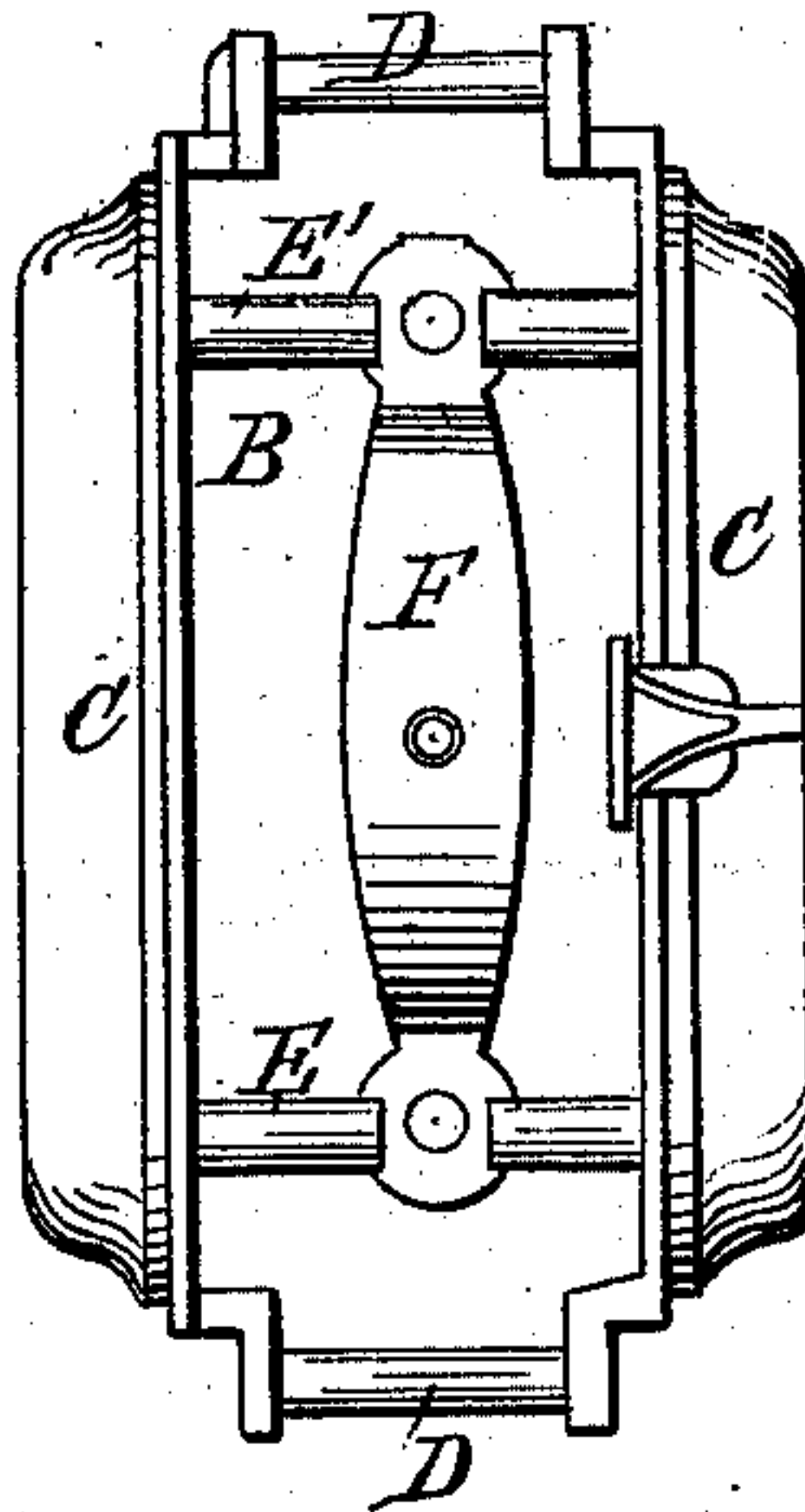
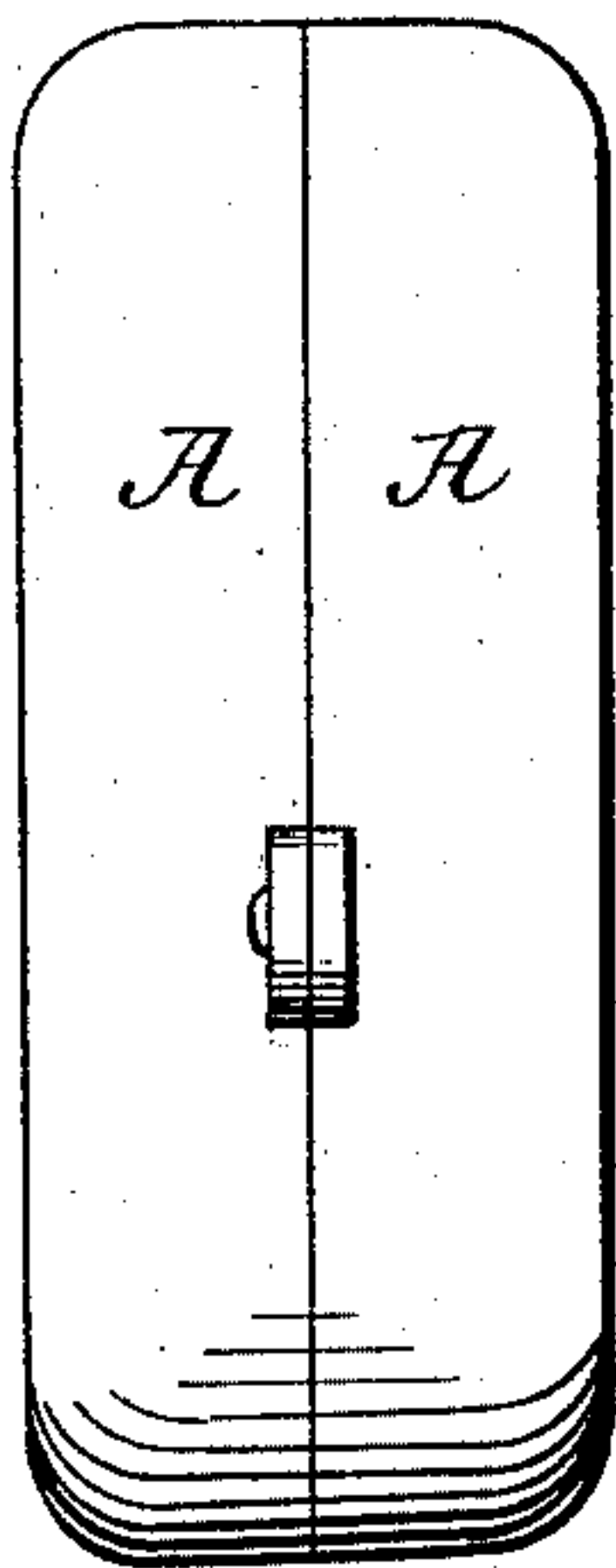


Fig: 3.



Witnesses  
A. A. Yeaman.  
A. H. Mary

Inventor:  
Christian H. Brady  
By  
Alexander Thomson



# United States Patent Office.

CHRISTIAN H. BRADY, OF MOUNT JOY, PENNSYLVANIA, ASSIGNOR TO  
HIMSELF AND WILLIAM BRADY.

*Letters Patent No. 68,941, dated September 17, 1867; antedated September 10, 1867.*

## IMPROVEMENT IN CORN-SHELLER.

*The Schedule referred to in these Letters Patent and making part of the same.*

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHRISTIAN H. BRADY, of Mount Joy, in the county of Lancaster, and in the State of Pennsylvania, have invented certain new and useful Improvements in Corn-Shellers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents an annular case or box, which is cast hollow and in two parts, being divided in the line and centre of its periphery. The two parts of this case have lugs upon them, through which bolts or rivets pass to secure them together, and each part has an annular opening through its side. This case has a spout cast upon its under edge, as seen at *a*, and also a projection, *b*, which enters the socket of a standard, *d*, said standard being provided with a flange or arm, *e*, and a set-screw, *f*, by means of which it is confined to a table or bench. Within the case A is a frame, B, which consists of two rim-wheels, C C, confined together by means of bolts D D, and separated by means of four bars, E E', the ends of which rest in sockets in the inside of the rims of the wheels C C. The bars E E and E' E' are connected together by the bars F F, and the bars F are connected at their ends by the rods G G. H H represent the cast-metal plates, which are formed hollowing at their centres, and have in these hollows the sections of a coarse screw-thread cast. Upon each edge of these plates the metal is partially cut away between the outer thread and the one next to it, so as to form a sharp tooth or point, as seen at *i*. The ends of these plates have holes through them, and the rods G G pass through these holes so as to confine the plates with their hollowing sides to each other. These plates have pins *m* cast upon their backs, which pass through openings in the centre of the bars F F, and coiled wire springs surround these pins, acting in one way against the plates, and in the other against the bars F, so as to keep the plates pressed tightly toward each other. The object of these two plates is to catch and hold the cob of the ear of corn, while they at the same time give an endwise motion to it and remove the grains of corn from it by means of the teeth *i i*, which strike the grains at their point of connection with the cob. Upon the rim-wheels C C are cast two arms, I I, and to these arms are secured crank-handles for the purpose of turning or revolving the frame B. The frame B, as has before been stated, is placed within the case A A, and its arms I I, with their handles, project through the openings in the sides of the case.

When this machine is confined to a bench or table, and is ready for use, the operator takes an ear of corn in his left hand, and turning the frame B with his right he inserts the small end of the ear between the plates H H. The threads in the plates draw the ear while the teeth *i i* cut the grains off of the cob by pressing against them near their junction with the cob. When the ear has passed about half through the plates, the operator seizes it with his right hand; and turning the frame with his left completes the operation of shelling the corn off of the cob.

This is a very handy little machine for family use, and one which is durable and cheap.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the revolving frame B, as constructed and provided with the spring-plates H H, with the stationary case A, provided with spout *a* and projection *b*, as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of August, 1867.

Witnesses:

JOHN S. HOLLINGSHEAD,  
JOHN D. BLOOR.

CHRIST. H. BRADY.