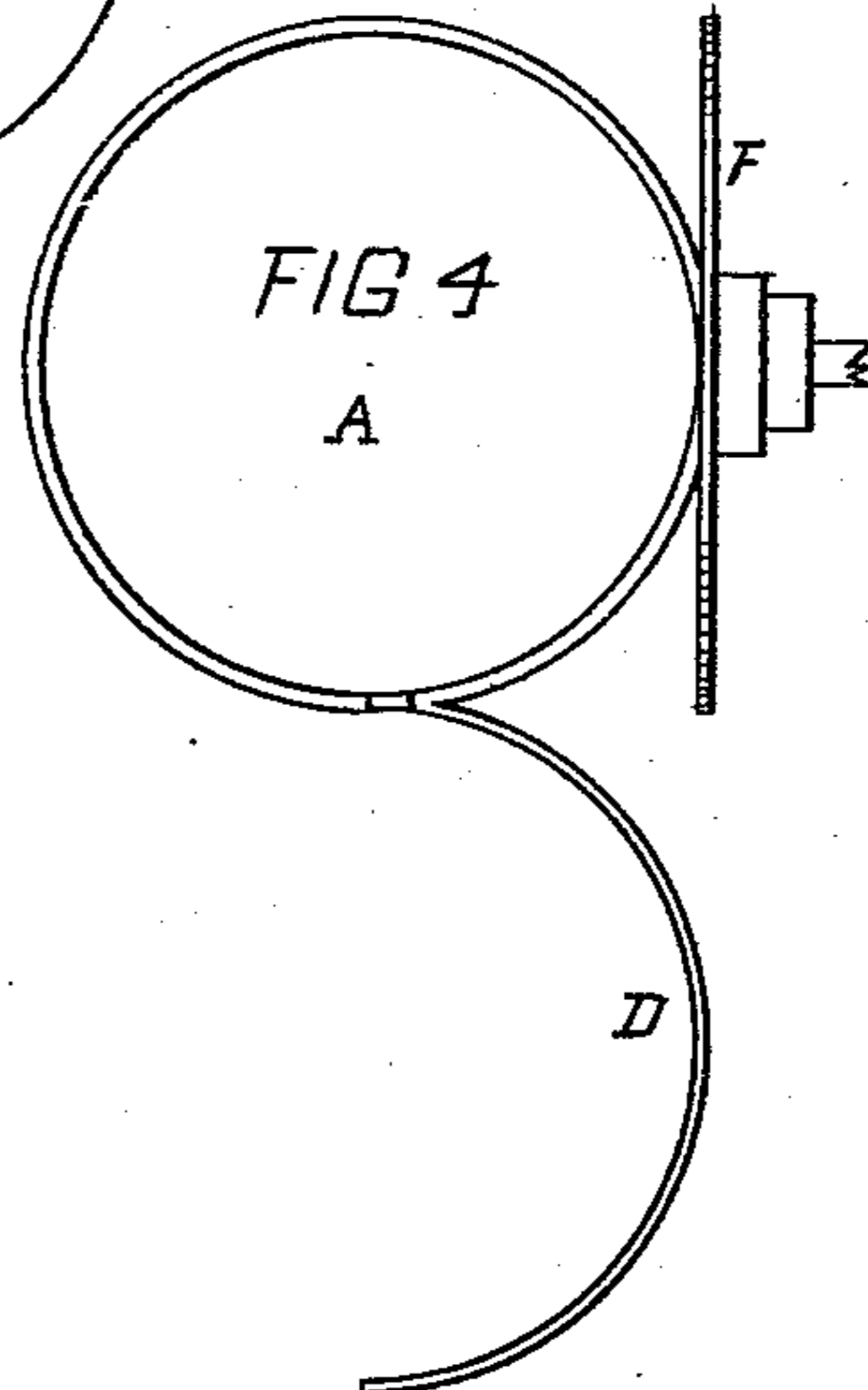
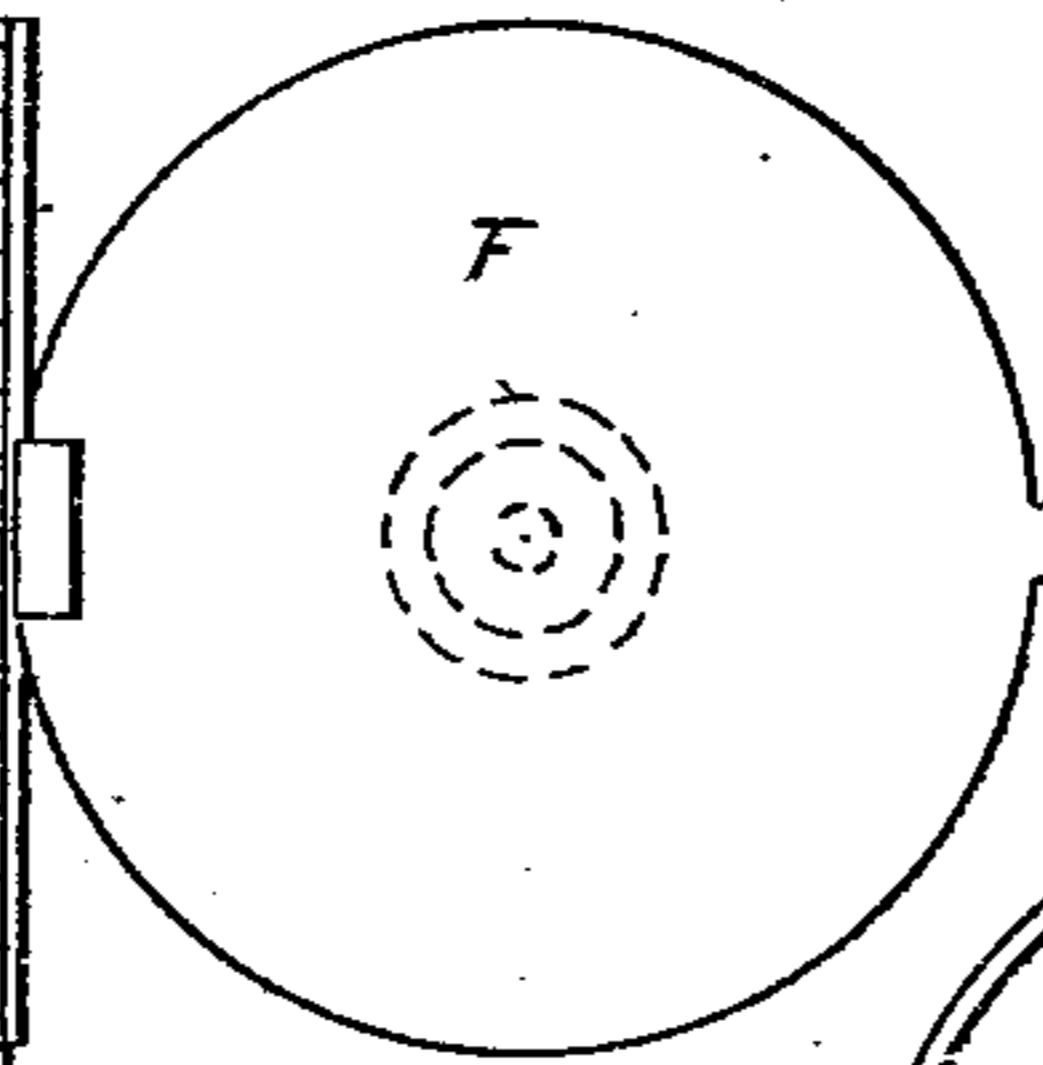
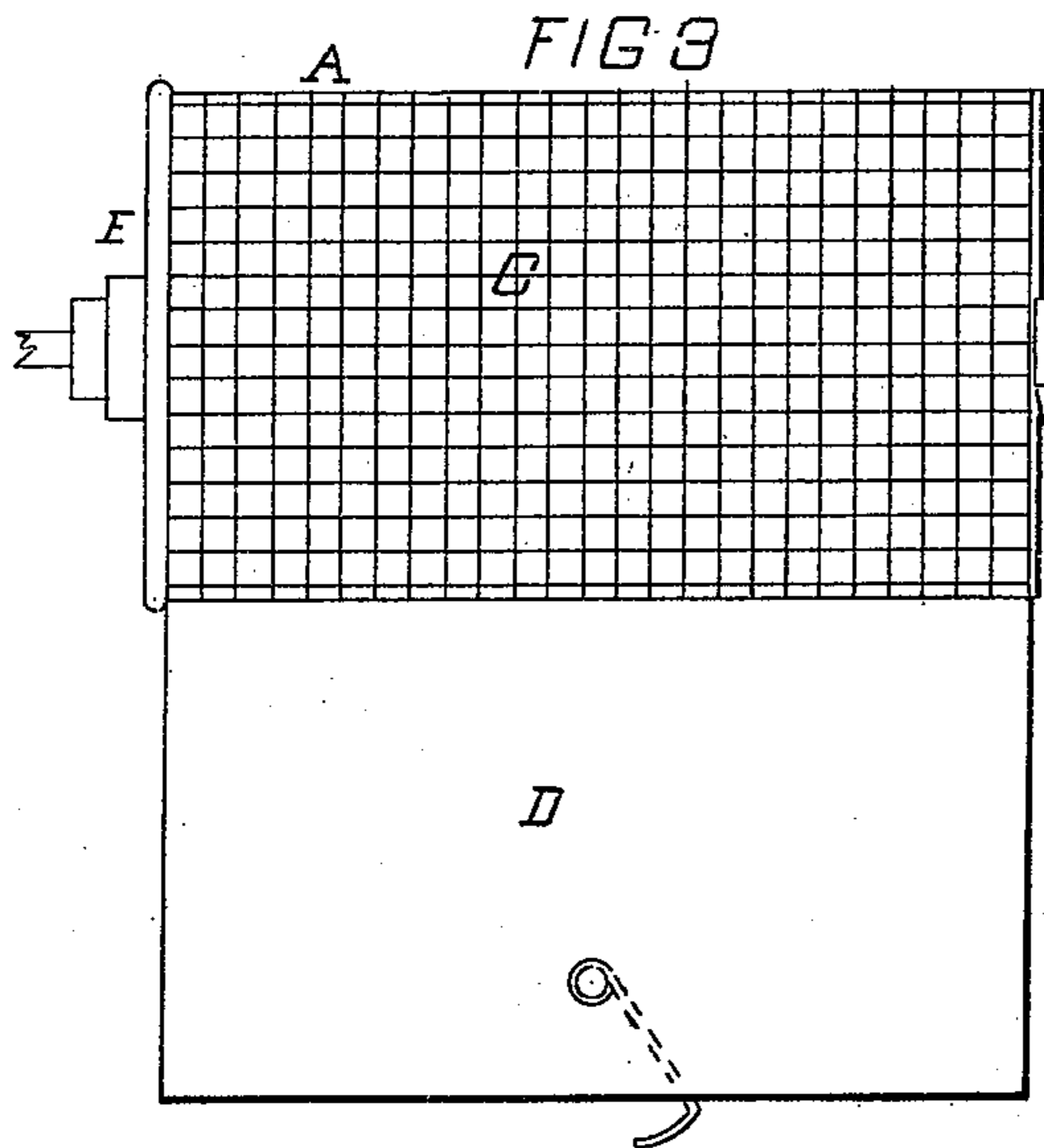
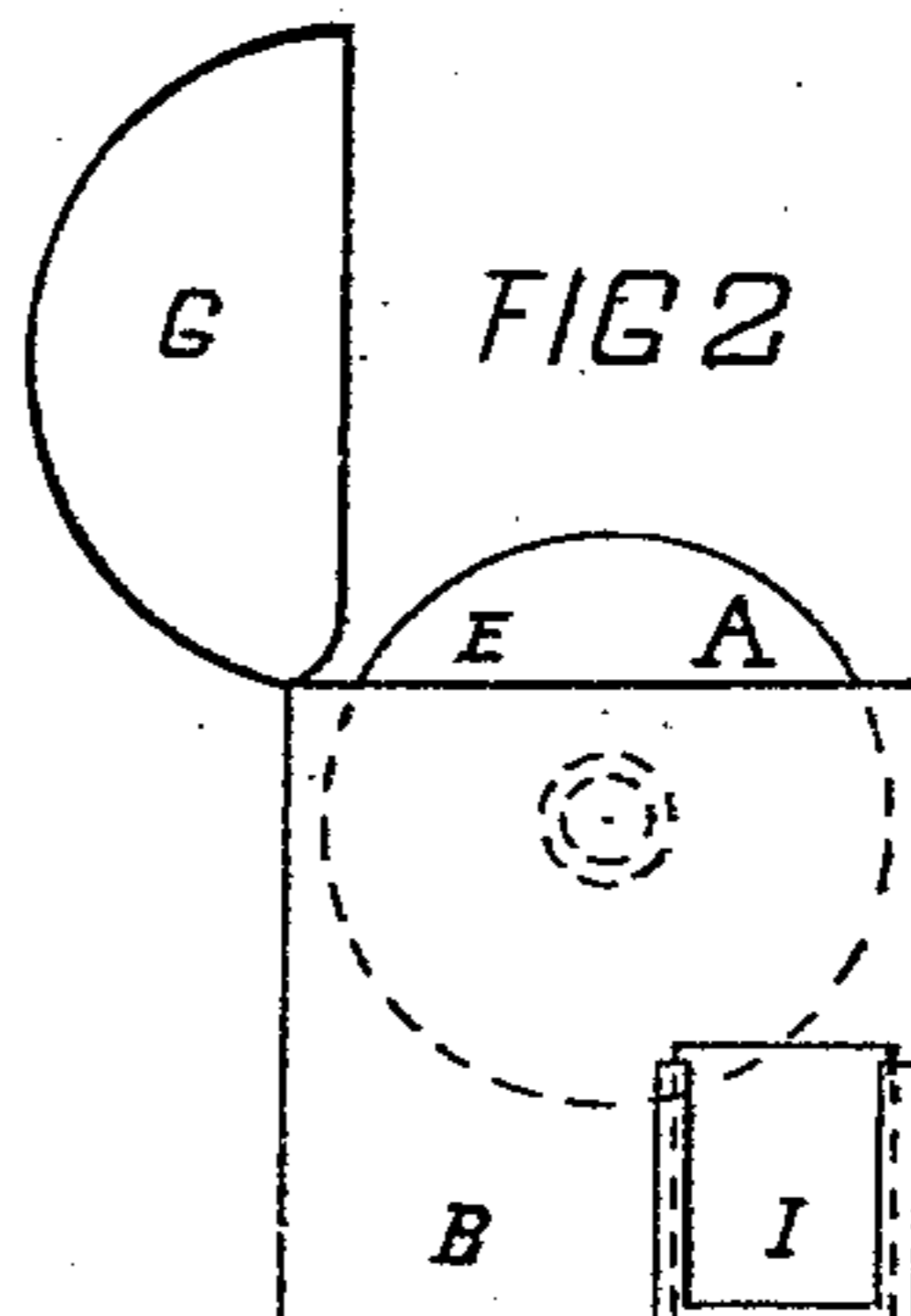
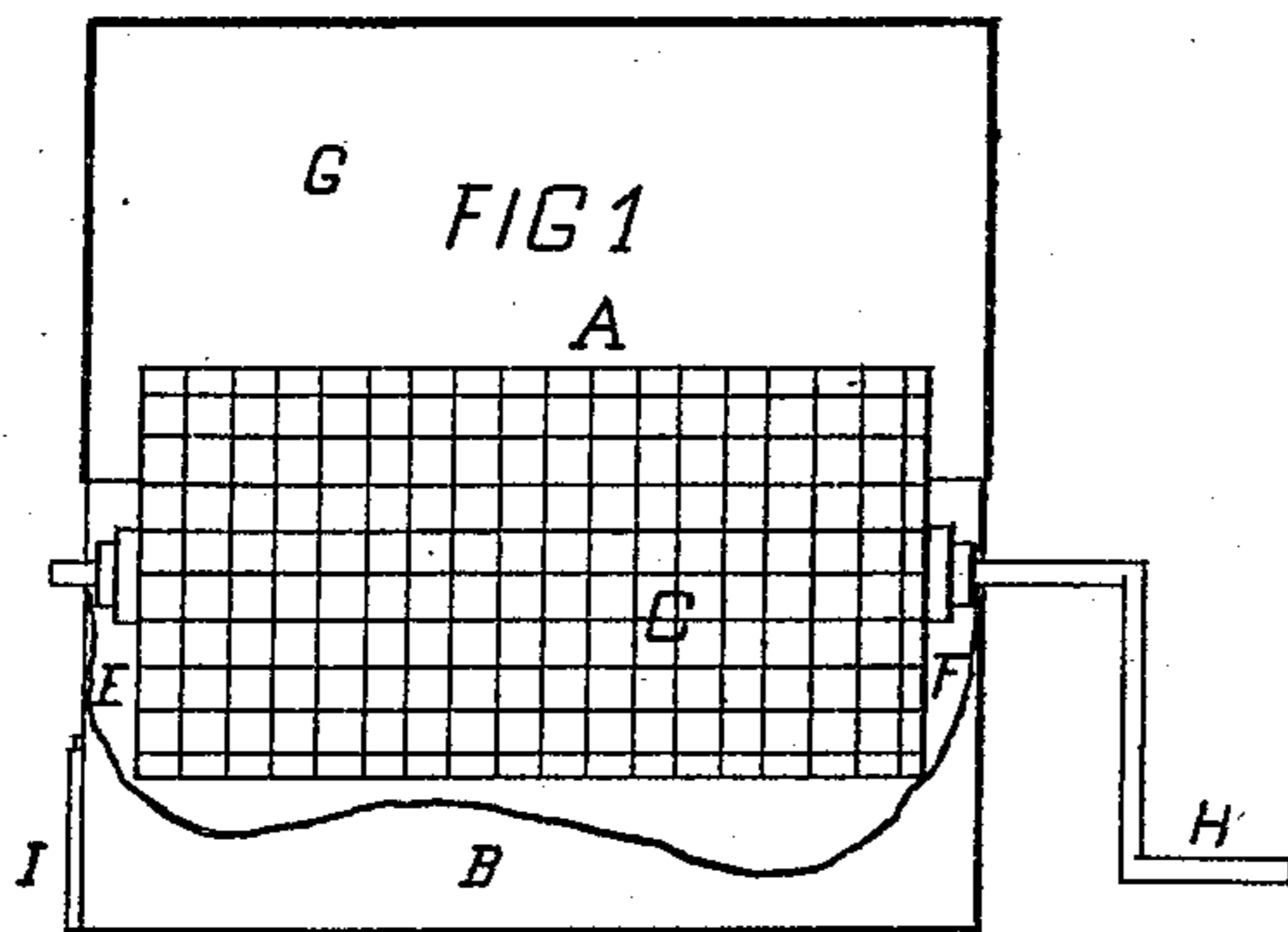


J. E. EASTLACK.

ASH SIFTER.

No. 180,120.

Patented July 25, 1876.



Witnesses  
Richard Overman.  
Charles F. Sawyers

Inventor  
James E. Eastlack  
Francis D. Eastlack  
Attorney

# UNITED STATES PATENT OFFICE.

JAMES E. EASTLACK, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN ASH-SIFTERS.

Specification forming part of Letters Patent No. **180,120**, dated July 25, 1876; application filed May 9, 1876.

*To all whom it may concern:*

Be it known that I, JAMES E. EASTLACK, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Ash-Sifter, which is fully set forth in the following specification, reference being had to the accompanying drawings.

The invention consists in a cylindrical wire sifter, which turns in bearings in the sides or ends of an inclosed ash-box. A hinged lid, forming part of the surface of the cylinder, enables it to be charged with ashes, which, after riddling, are removed through a loose head. A slide-opening permits the riddlings to be taken from the box.

Figure 1 is a sectional elevation. Fig. 2 is an end view. Fig. 3 is a view of the sifting-cylinder, the hinged lid and loose head being open. Fig. 4 is an end view of Fig. 3.

A is an ash-sifting cylinder, which is suspended in the closed box B by its journals taking through its ends or sides. The surface of the cylinder is composed of the sieve C, the hinged filling-door D, and the heads E F, one of which, F, is constructed for opening.

When the sifter is to be used, the lid G of

the box B is raised, the door D thrown open, and the ashes to be cleaned filled in, after which the door D and the lid G are closed, and the cylinder turned by its handle H until the ashes are separated from the combustible matter, and deposited in the bottom of the box. The cylinder is then removed from the box, the head F opened, and the contents displaced. The ashes are taken from the box through the door I.

I claim as my invention—

1. In an ash-sifting cylinder, A, the combination of the sieve C, filling-door D, and hinged head F, as shown and described.

2. The ash-sifting cylinder A, composed of the sieve C, filling-door D, and the fast and hinged heads E F, in combination with an ash box or holder, B, substantially as and for the purpose shown and described.

In testimony whereof I hereunto sign my name.

JAMES E. EASTLACK.

Witnesses:

FRANCIS D. PASTORIUS,  
GEO. C. SHELMEKDINE.