

S. E. Pettee.

Pasting App's for Bag Mach.

*N^o 22199.
Fig. 1.*

Patented Nov. 30. 1858.

Fig. 2.

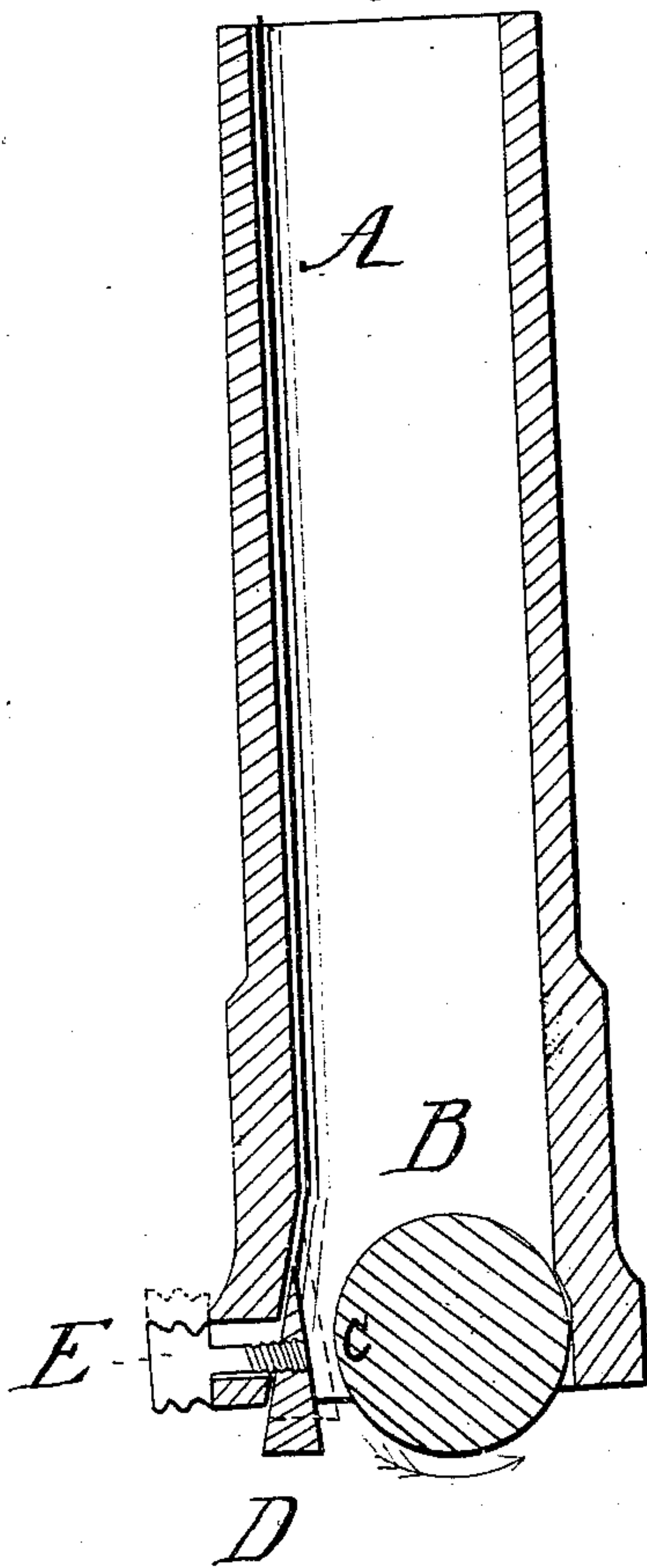
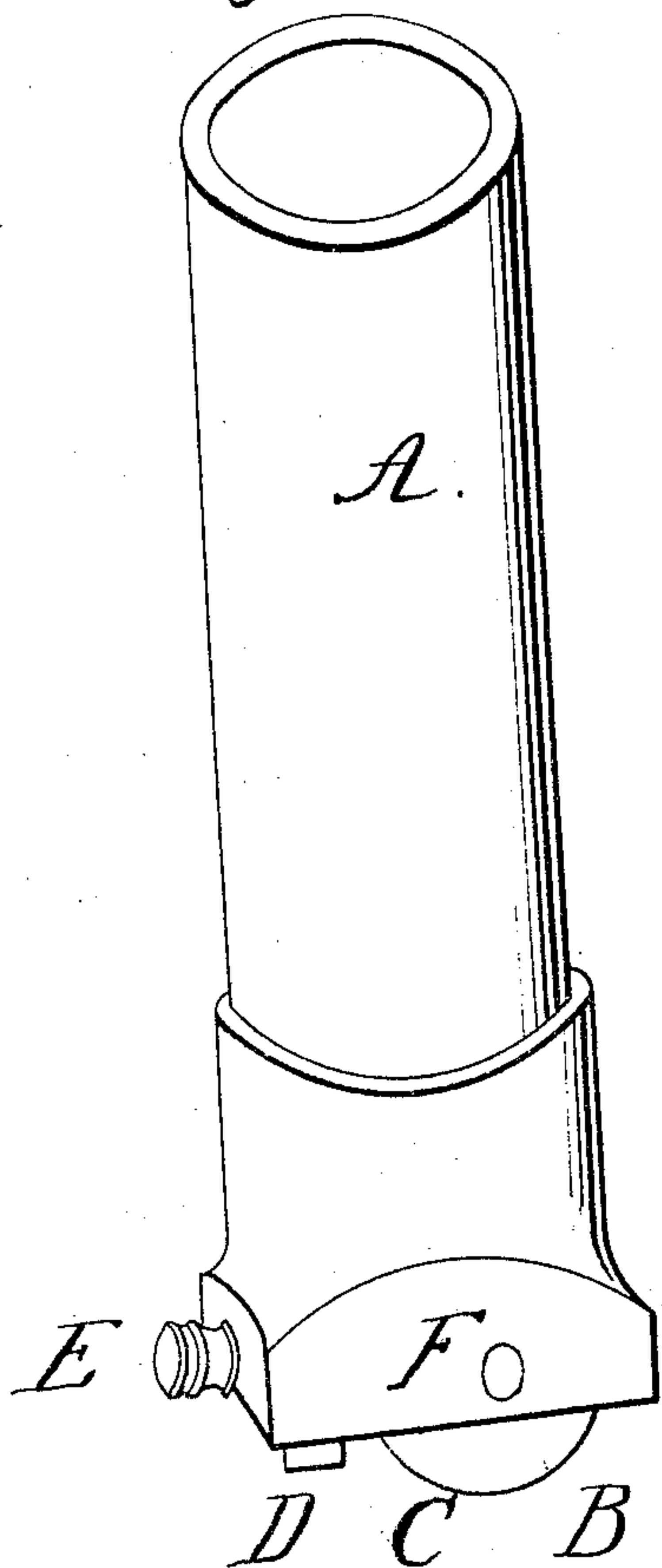
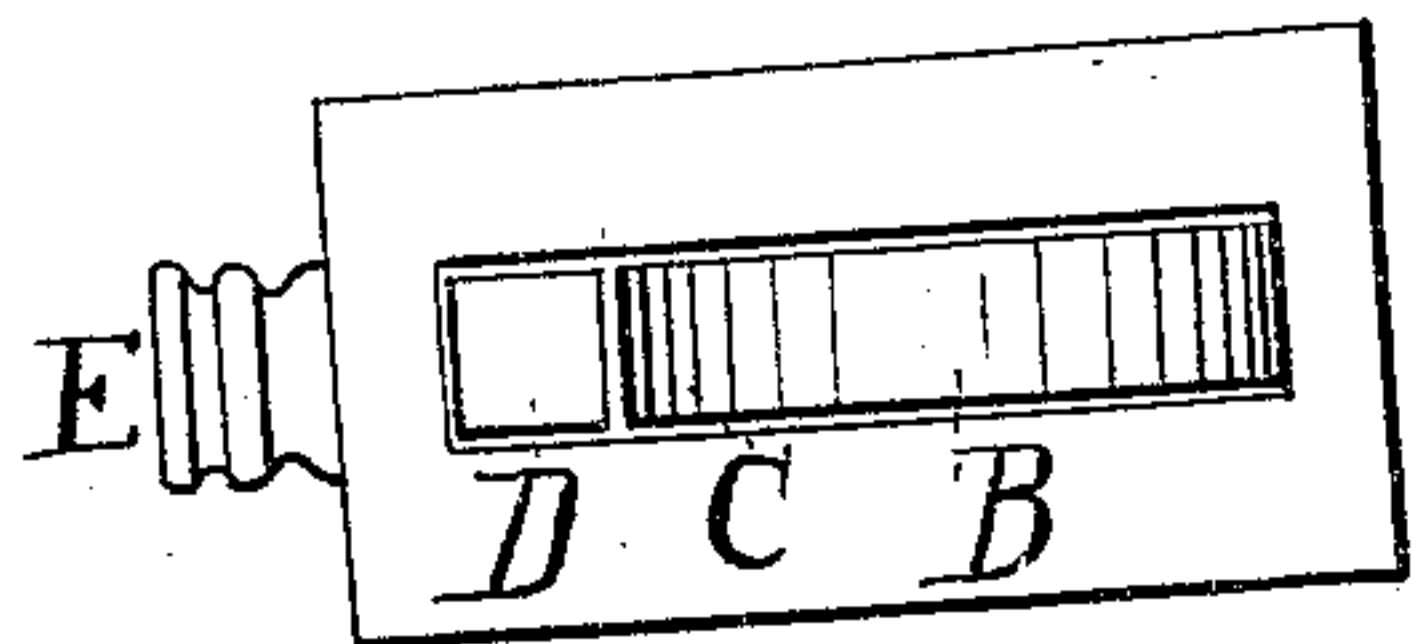


Fig. 3.



Witnesses;

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UNITED STATES PATENT OFFICE.

S. E. PETTEE, OF MANSFIELD, MASSACHUSETTS.

PASTING APPARATUS FOR BAG-MACHINES, &c.

Specification of Letters Patent No. 22,199, dated November 30, 1858.

To all whom it may concern:

Be it known that I, S. E. PETTEE, of Mansfield, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in the Construction of Pasters for Bag-Machines (Envelop-Machines) and Similar Purposes; and I hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, due reference being had to the accompanying drawings, in which—

Figure 1 is a view of the paster. Fig. 2 a vertical section through the center. Fig. 3 shows the bottom of same, the same letters indicating the same parts in each.

To construct my improvements make a reservoir to contain the paste of such form as deemed most convenient to use in the machine as A Figs. 1 and 2. In the bottom of this make a hole or cavity in which place the roll B so fitted as to fill and fit the cavity so as to prevent the escape of the paste except on the side C on which is the wedge shaped piece D, which fits the remainder of the cavity when slid clear up but on withdrawing it, it shall make a gradually increasing opening next to the wheel, this piece D is secured in place and adjusted by means of the screw E passing through a slot in the side of the cavity, the roll B turns on the pivot F and its surface is slightly roughened, not for the purpose of holding or drawing out the paste but to cause it to

catch or hold on the surface of the material to which the paste is to be applied, to be turned thereby.

In operation the reservoir supplied with paste and the paster so placed in the machine that the surface of the paper shall rub against the roll B and turn in the direction of the arrow in Fig. 2 and by loosening the screw E and shifting the position of the piece D more or less paste is allowed to pass out with the surface of the roll and by it be deposited on the paper, thus giving complete control over the pasting.

I am aware that rolls placed in open bottoms of vessels have been used said rolls having cavities or cells to convey the paste to the paper, these I do not claim, but

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

Controlling the flow or draft of the paste when carried from a reservoir by a wheel or roll placed in a passage through the bottom of said reservoir the roll receiving its motion from the passage of the paper under it, when said controlling is effected by means of the piece D and screw E in the manner and for the purposes above set forth and described.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

S. E. PETTEE.

Witnesses:

EDW. KINGMAN,

HENRY O. KINGMAN.