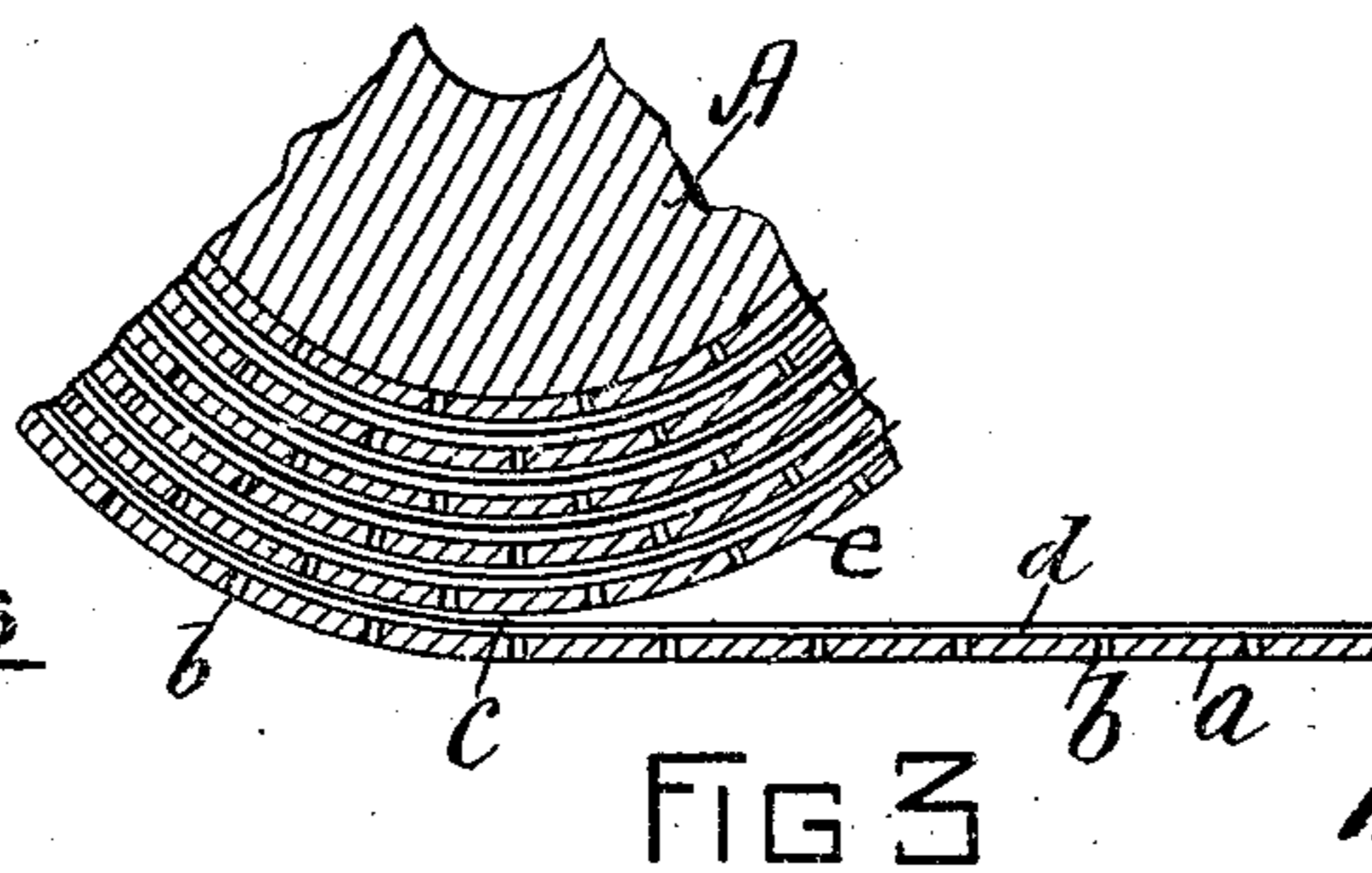
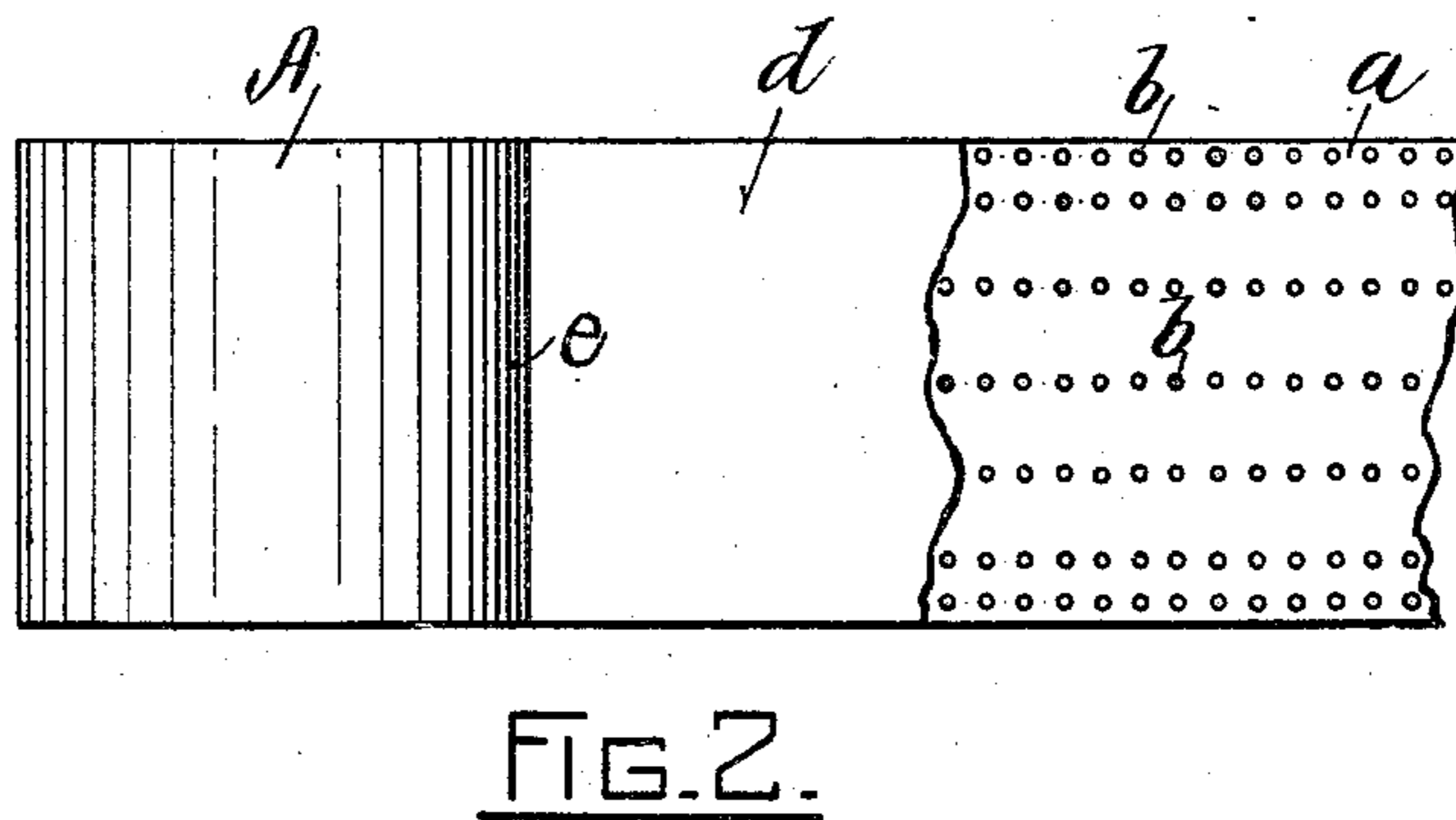
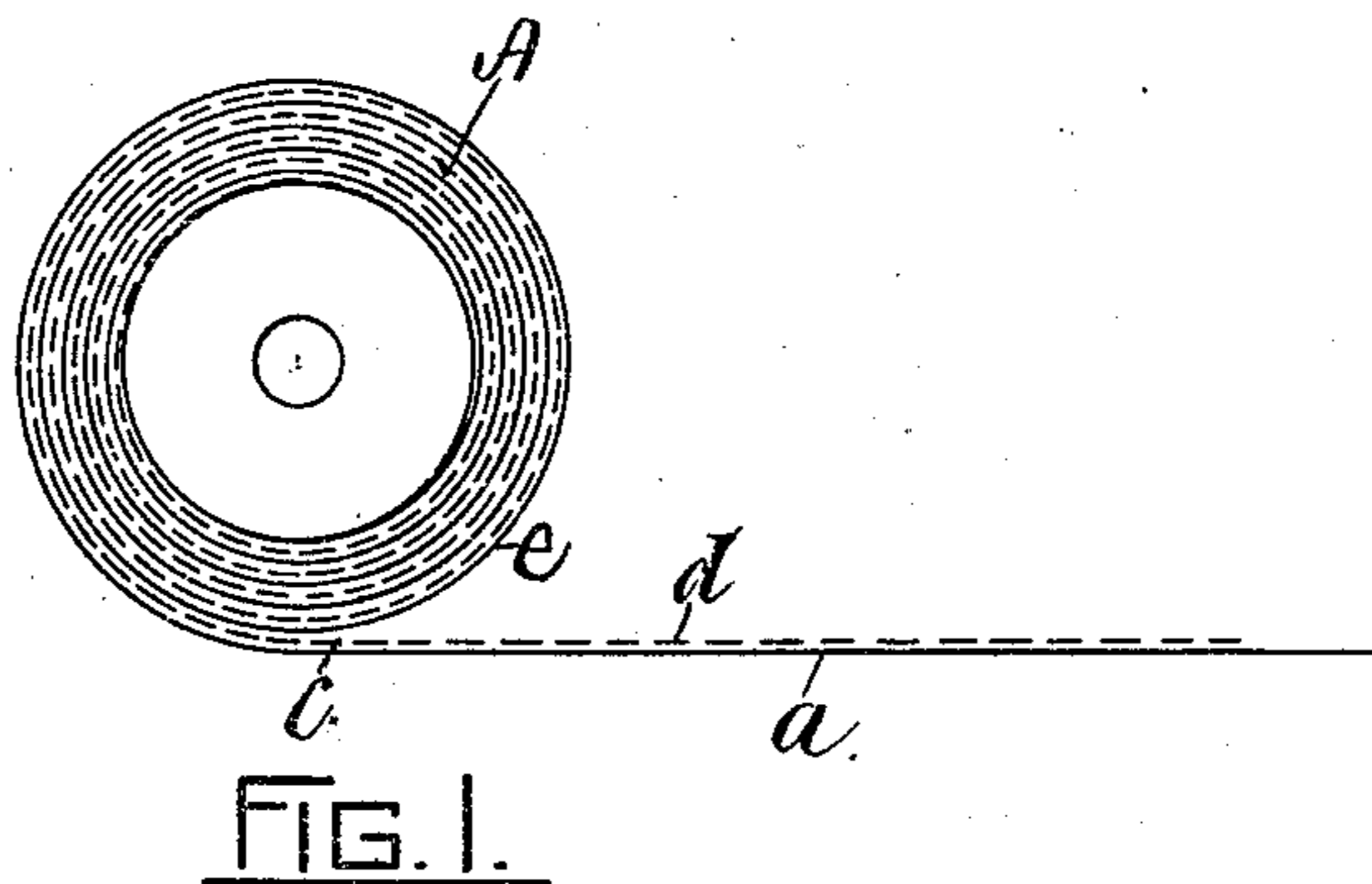


W. H. COE, DEC'D.
E. D. COE, EXECUTRIX.
PACKAGE ROLL OF METALLIC LEAF.
APPLICATION FILED MAY 31, 1908.

929,558.

Patented July 27, 1909.



WITNESSES

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WALTER H. COE, DECEASED.

PACKAGE-ROLL OF METALLIC LEAF.

No. 929,558.

Specification of Letters Patent.

Patented July 27, 1909.

Application filed May 31, 1906. Serial No. 319,644.

To all whom it may concern:

Be it known that I, WALTER H. COE, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Package-Rolls of Metallic Leaf, of which the following is a specification.

In the employment of package rolls of metallic leaf for certain purposes, it is desirable to effect their unwinding with great rapidity. And it is the object of my invention to provide a package roll of metallic leaf which may be unwound with great rapidity without liability of having the metallic leaf adhere to the outer side of the supporting strip. And my invention consists in the employment of a mechanically perforated supporting strip for the metallic leaf, whereby upon the application of suction to the back of the said strip, as the package roll is being unwound, the metallic leaf will be caused to adhere properly to the surface of the extended unwound portion of the strip.

In the accompanying drawings, Figure 1 represents an end view of a package roll of metallic leaf, which has been partly unwound from the roll, the metallic leaf being indicated by the broken line. Fig. 2 represents a top view of the same. Fig. 3 represents an enlarged detail section, showing the perforated supporting strip and the metallic leaf at the unwinding portion of the package roll, the metallic leaf being shown in full line.

In the drawing, A represents the spirally wound package roll, the externally wound supporting strip *a* of which, is provided with the perforations *b b*, which are preferably made nearer together at the edges of the said strip, as shown in Fig. 2 whereby the suction will be stronger at the edges of the metal

strip, which edges will be held firmly to the backing by the suction. The package roll so formed is adapted for being unwound with great rapidity, since by the application of suction at the unwinding point *c*, the fillet of metallic leaf *d* will be prevented by atmospheric pressure, from being carried from the face of the unwound supporting strip *a*, onto the back *e* of the said strip in the unwinding package roll.

In some cases, it will be necessary to provide only the edges of the supporting strip with the perforations *b b* in carrying out my invention.

I claim as my invention:

1. A rotatable roll of metallic leaf comprising a continuous supporting strip, and a corresponding strip of metallic leaf placed on the supporting strip, said supporting strip having perforations and said strip of metallic leaf lying loosely over said perforations, so that, by the application of suction on the rear face of said strip, the metallic leaf is prevented from adhering to the back of the strip when unwinding the roll.

2. A rotatable roll of metallic leaf comprising a continuous supporting strip and a corresponding strip of metallic leaf placed on the supporting strip, said supporting strip having perforations made nearer together at the edges of said strip, and said strip of metallic leaf lying loosely over said perforations, so that, by the application of suction on the rear face of said strip, the metallic leaf is prevented from adhering to the back of the strip when unwinding the roll.

WALTER H. COE.

Witnesses:

SOCRATES SCHOLFIELD,
CHAS. E. SMITH.