

(No Model.)

2 Sheets—Sheet 1.

E. U. KIMBARK.
WRAPPER.

No. 578,883.

Patented Mar. 16, 1897.

FIG. 1.

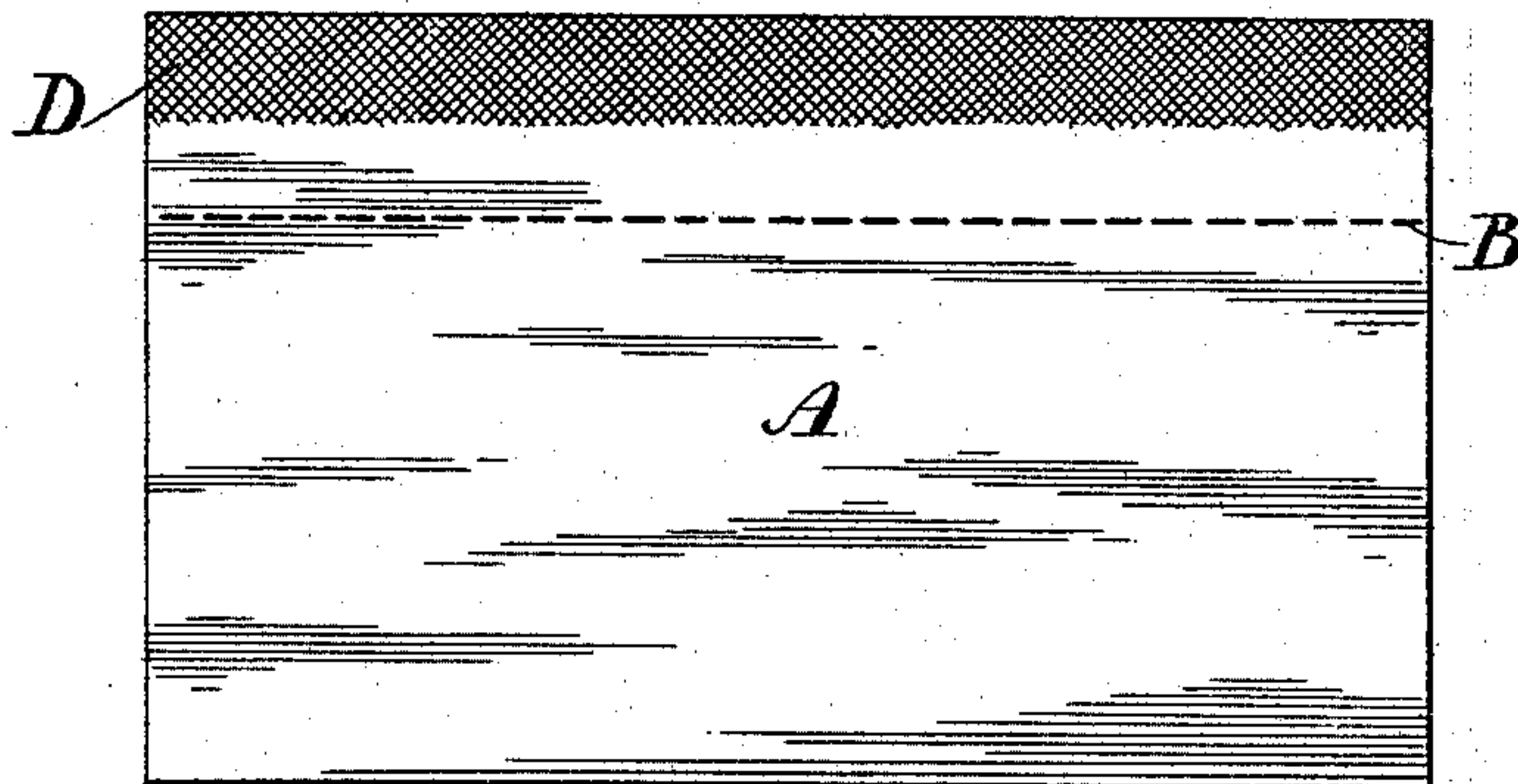


FIG. 2.

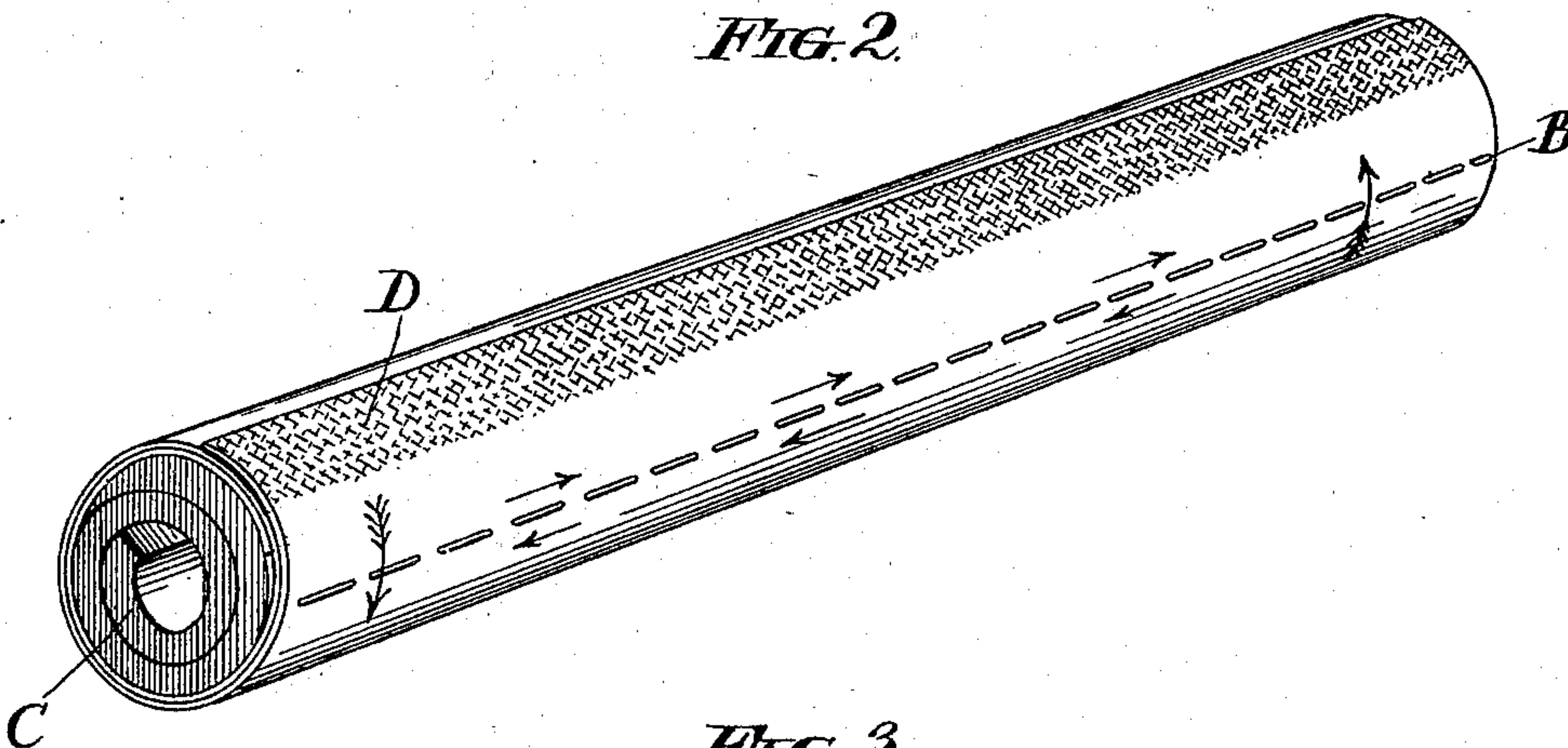
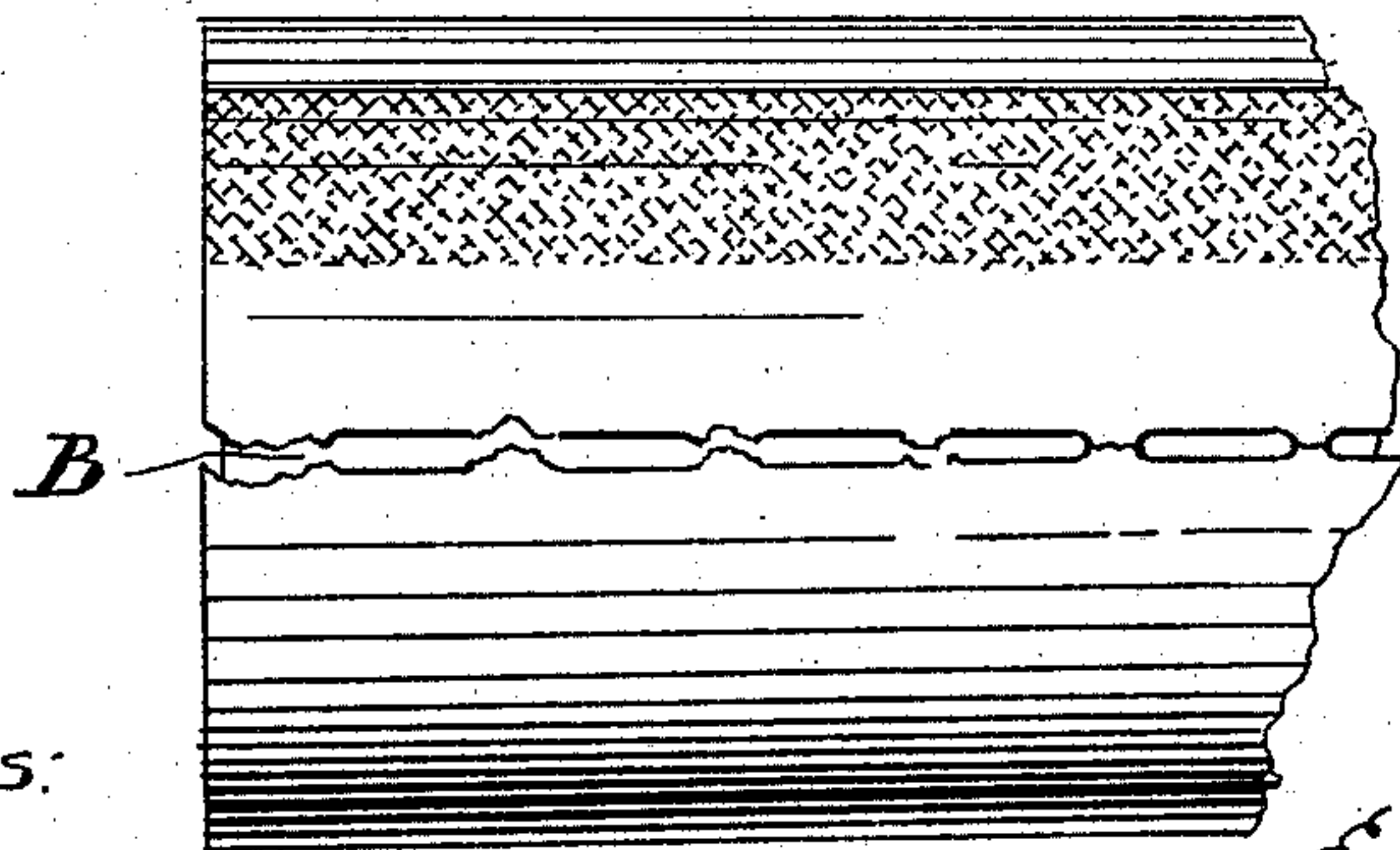


FIG. 3.



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Inventor:
Eugene U. Kimbark
By his Attorney
Quincy & Hopkins

(No Model.)

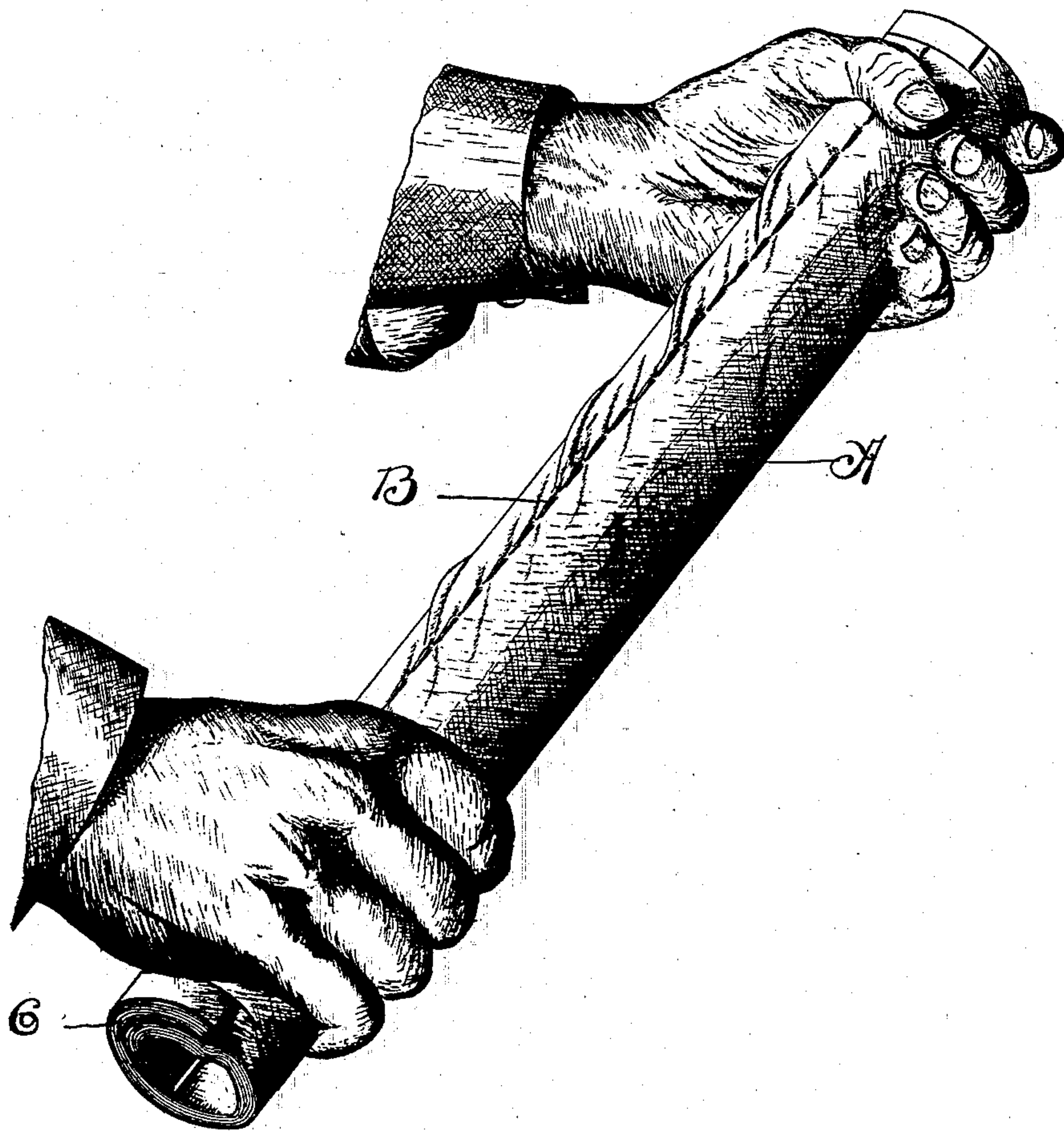
2 Sheets—Sheet 2.

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No. 578,883.

Patented Mar. 16, 1897.

Fig. 4.



Witnesses:
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Inventor
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UNITED STATES PATENT OFFICE.

EUGENE U. KIMBARK, OF EVANSTON, ILLINOIS.

WRAPPER.

SPECIFICATION forming part of Letters Patent No. 578,883, dated March 16, 1897.

Application filed November 12, 1894. Serial No. 528,547. (No model.)

To all whom it may concern:

Be it known that I, EUGENE U. KIMBARK, of Evanston, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cylindric Package-Wrappers, of which the following is a specification.

The object of my invention is to provide for the wrapping of newspapers, pamphlets, and other articles in packages of cylindric form capable of being readily and instantly broken open by means of the hands alone; and to this end the invention consists in the combination, with a cylindric package, of a cylindric wrapper having a weakened line extending longitudinally of the package and so arranged that by grasping the package and wrapper near opposite ends between the two hands and giving a twisting movement the wrapper will be ruptured or broken along said weakened line.

In the accompanying drawings, Figure 1 shows a wrapper-blank constructed in accordance with my improvement. Fig. 2 shows the complete cylindric package with the wrapper applied thereto. Fig. 3 is a fragmentary detail showing the manner in which the wrapper breaks along its weakened line. Fig. 4 is a perspective view showing the manner in which the package is manipulated to break the wrapper.

In said drawings, A designates a wrapper-blank which is made of Manila or other paper of a quality suitable for the purpose. In use the blank is wrapped closely about the cylindric package C and secured by gumming down its free edge D.

B designates a weakened line extending longitudinally of the wrapper from edge to edge of the latter. The perforations which constitute the line B all lie in a line substantially parallel with the axis of the cylindric package and are so closely adjacent that the slight necks of paper connecting them, while of ample strength to resist the peripheral tension necessary to securely confine the package, are readily severed by a torsional strain produced along the weakened line. Such torsional strain will result when the opposite ends of the wrapper are given a rotary movement in opposite directions, as indicated by

the transverse arrows in Fig. 2. The cylindric roll or package practically serves as a mandrel upon which the wrapper twists, and the margins of the paper along the weakened line are thereby drawn in opposite directions, as indicated by the longitudinal arrows in Fig. 2, until the paper is severed along said line. It is therefore only necessary to grasp the opposite ends of the cylindric package and wrapper with the hands and apply a twisting movement in order to break the wrapper and release its contents.

The simplicity and usefulness of my invention thus described will be apparent. The cost of the wrapper-blanks will be little above the paper required for their manufacture. The mode of application of the blanks differs in no way from that employed with the blanks ordinarily used, and when applied its holding-power is ample to safely retain its contents. The great advantage of affording a wrapper which, while secure enough to insure safe transportation, can be readily and instantly broken open by the use of the hands alone and in the simplest manner possible is thus obtained without the slightest complication or additional expense.

I claim as my invention—

1. The combination with a cylindric package, of a cylindric wrapper closely embracing the package and provided with a longitudinal weakened line substantially parallel to the axis of the cylindric package whereby when the wrapper is subjected to torsional strain it will be ruptured or broken along the line of weakness.

2. The combination with a cylindric package, of a cylindric wrapper closely embracing the package and provided with a longitudinally-extending weakened line formed by closely-adjacent elongated perforations lying substantially in a line parallel to the axis of the cylindric package, whereby when the wrapper is subjected to torsional strain it will be ruptured or broken along the line of perforations.

EUGENE U. KIMBARK.

Witnesses:

N. C. GRIDLEY,
L. M. HOPKINS.