

(No Model.)

J. T. COOKE.

PACKAGE FOR COFFEE AND OTHER MATERIALS.

No. 273,819.

Patented Mar. 13, 1883.

Fig. 1.

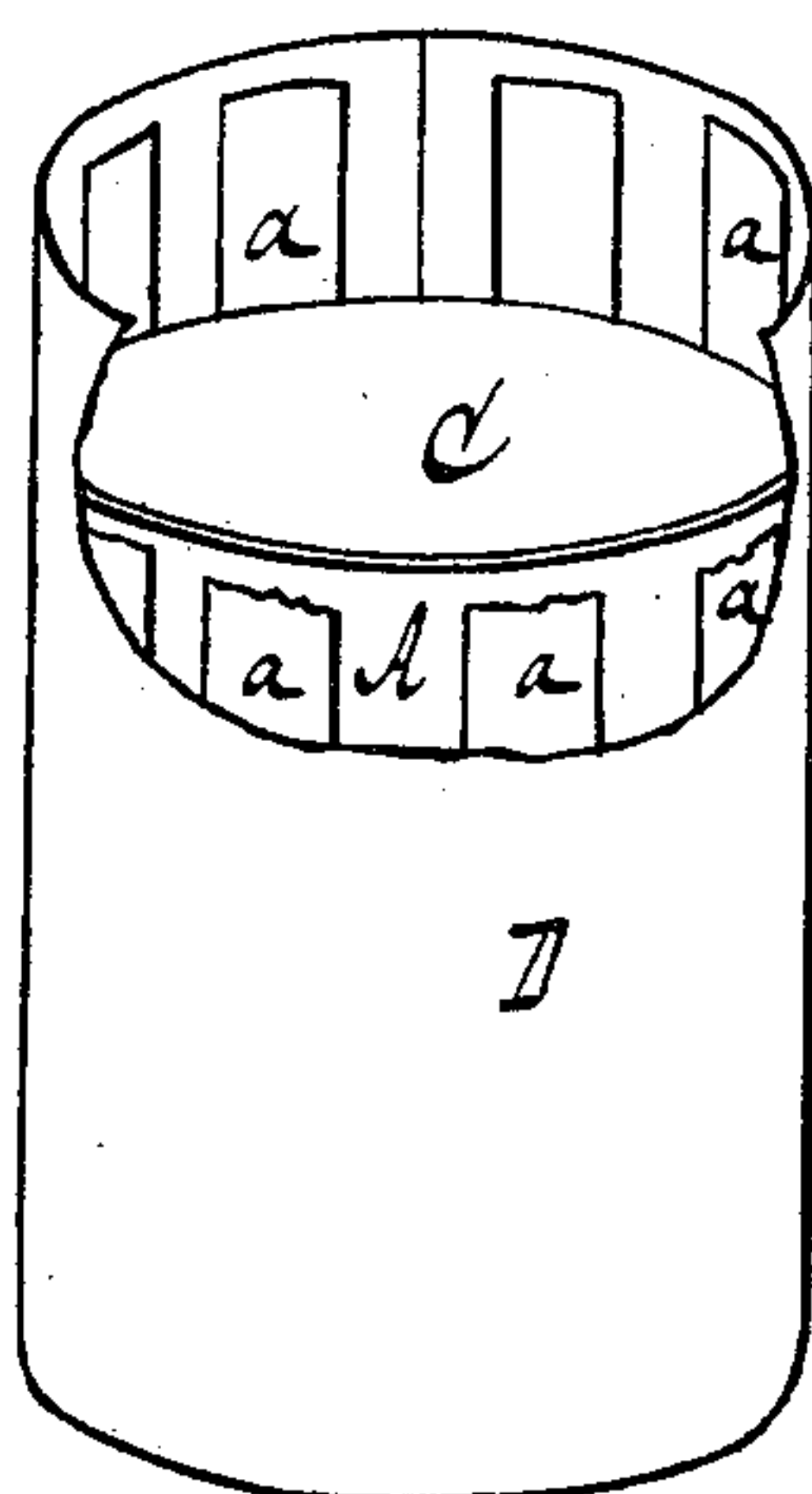


Fig. 2.

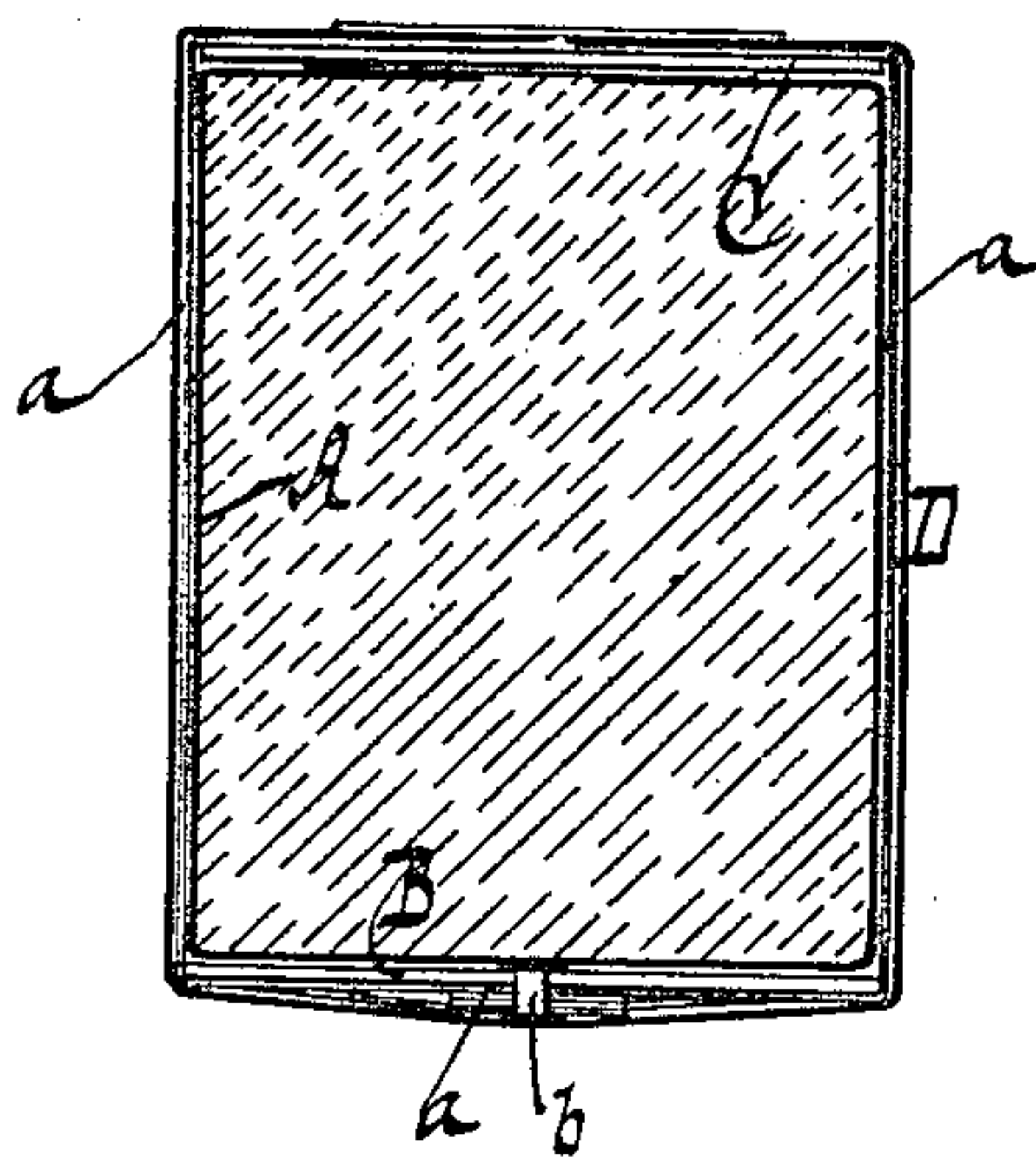


Fig. 3.

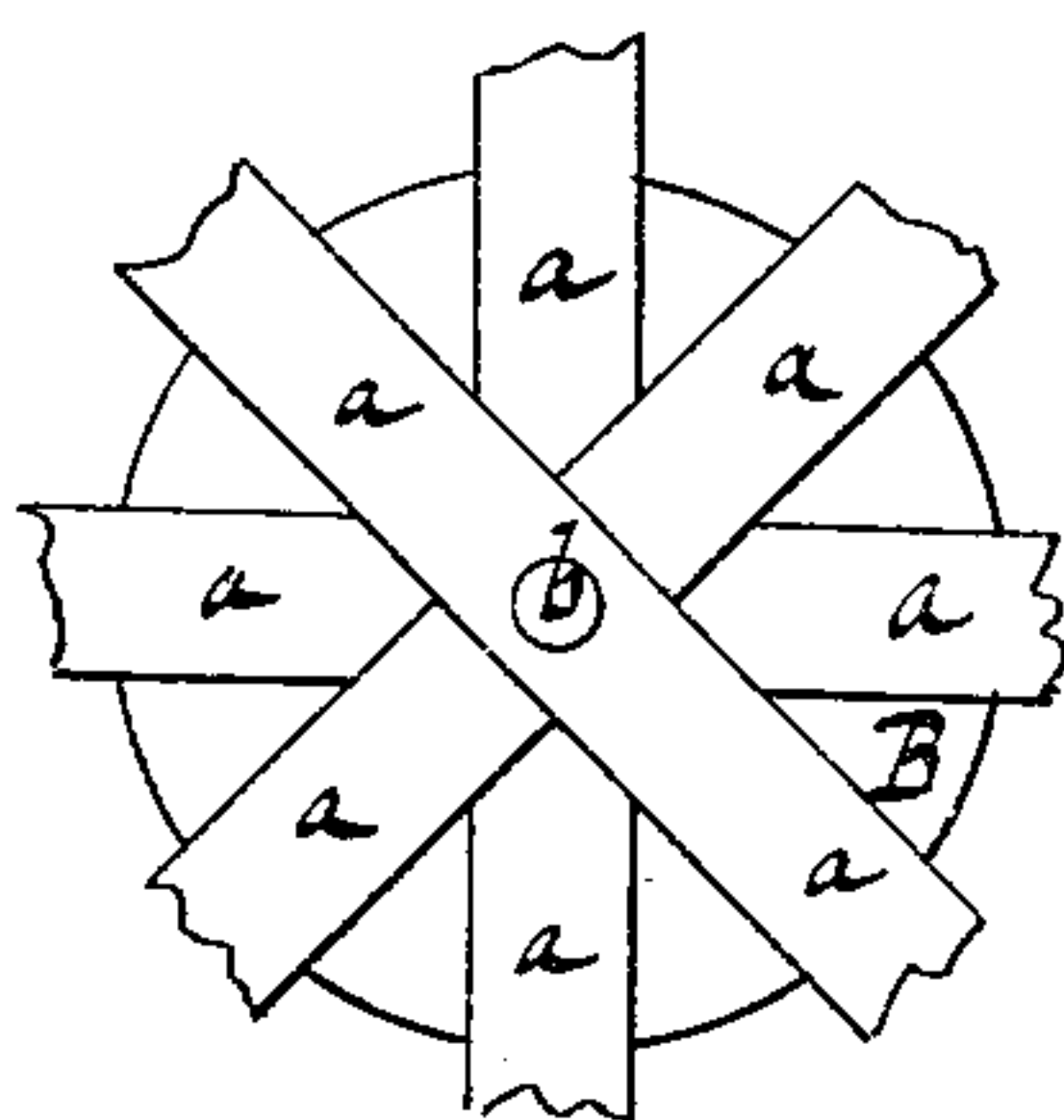
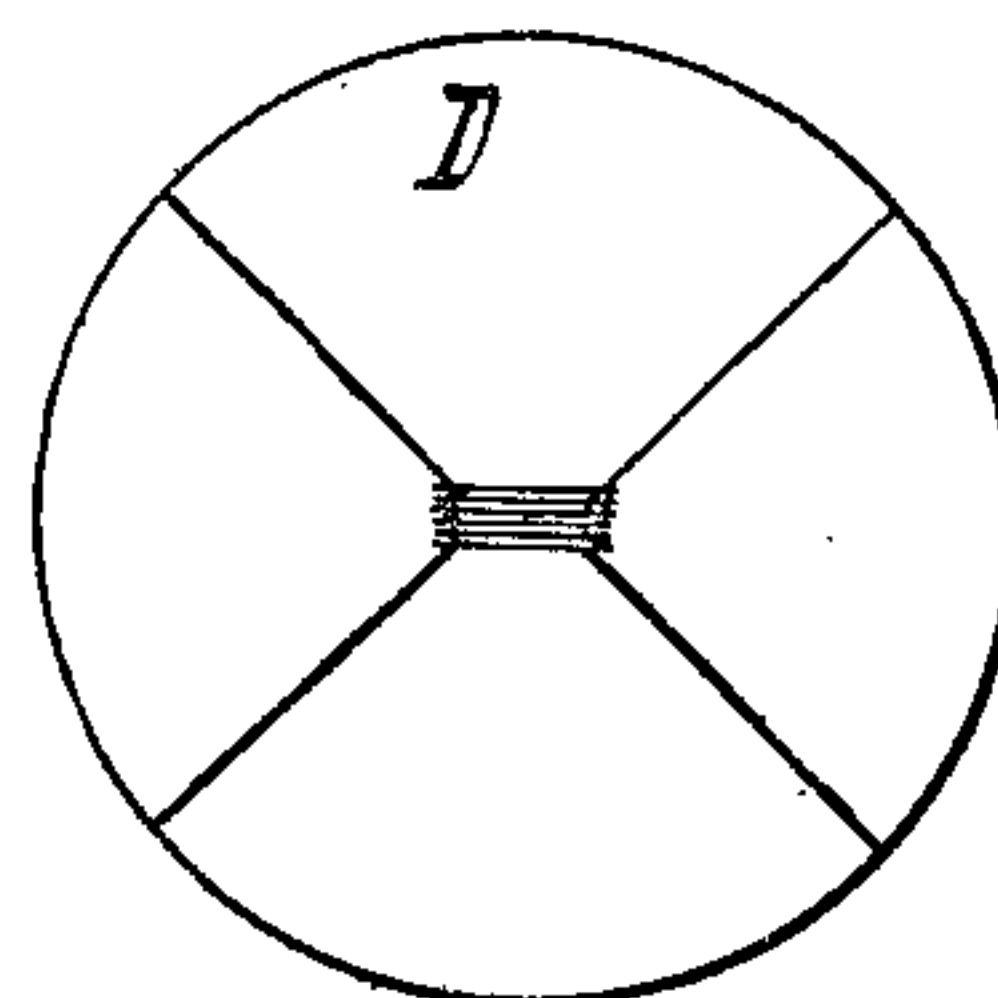


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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PACKAGE FOR COFFEE AND OTHER MATERIALS.

SPECIFICATION forming part of Letters Patent No. 273,819, dated March 13, 1883.

Application filed February 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN T. COOKE, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Packages for Coffee and other Materials, of which the following is a specification.

This invention consists in the combination, with a paper bag, of strengthening-strips of metal or equivalent flexible material. The strengthening-strips are secured to a head which is placed against the closed end of the bag, and after the bag has been filled and closed at its opposite end a loose head is put on, and the strengthening-strips are bent up on the sides and over the loose head. An envelope of muslin or equivalent textile material incloses the whole.

In the accompanying drawings, Figure 1 represents a perspective view of my package, partly in section. Fig. 2 is a vertical central section. Fig. 3 is an inverted plan of the head carrying the strengthening-strips. Fig. 4 is an end view of the package when completed.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates a paper bag which is made with a flat bottom and of any desired cross-section. In the example represented by the drawings the bag has a circular cross-section; but in practice I prefer to use bags with a rectangular cross-section, or, in other words, flat-bottomed paper bags of the usual form. With this paper bag I have combined a head, B, which carries a series of strengthening-strips, *a a*, of sheet metal or any other equivalent material. The head B corresponds in size and shape to the bottom of the bag, and the strips *a* are fastened to the same by a rivet, *b*, Fig. 3, or by any other suitable means. When the bag has been filled with coffee or other material of a like nature it is placed upon the head B, and the strips *a* are bent up on its sides; or the bag, before being filled, may be placed upon a wooden block fitting its interior, and then the head B is adjusted on its bottom, and the strips *a* are bent up on the sides of the bag, so that they support the paper while the coffee or other material is being introduced. After the bag has been filled its mouth is closed by folding its sides inward, as usual. Then a loose head, C, is put on, and the ends of the strips *a* are bent inward over the loose head, so as to retain the same in position. After this op-

eration has been accomplished a wrapper or envelope, D, of muslin or other textile material, is applied, which incloses the whole bag, together with the heads B C and the strips *a a*, said envelope being closed at its ends by stitches, as shown in Fig. 4, or by any other suitable means.

The heads B and C may be made of paste-board, sheet metal, or any other suitable material. The muslin or other material used for the envelope D may be made water-proof, so as to protect the contents of the package against moisture.

By the strips *a a* and the heads B C the paper bag is protected on all sides, and a package is obtained in which coffee or other materials of a similar nature can be transported with safety. By the envelope D the strength of the package is still further increased, and the contents of the package are protected against moisture, particularly if the material from which the envelope is made has been rendered water-proof.

If desired, the heads B C may be omitted, and in this case the strips *a a* are applied to the bag after the same has been filled; but I prefer to use the heads in combination with the strengthening-strips, so as to obtain a safe protection for the ends of the package.

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

1. The combination, with a paper bag, of a series of strengthening-strips, *a a*, substantially as and for the purpose shown and described.

2. The combination, with a paper bag, of heads B C and a series of strengthening-strips, *a a*, substantially as and for the purpose set forth.

3. The combination, with a paper bag, of a head, B, a series of strips, *a a*, fastened to said head, and a loose head, C, substantially as and for the purpose described.

4. The combination, with a paper bag, of a series of strengthening-strips, *a a*, and an envelope of muslin or other equivalent material, substantially as and for the purpose set forth.

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

JOHN T. COOKE. [L. S.]

Witnesses:

W. HAUFF,

D. VAN SANTVOORD.