

(No Model.)

C. DE QUILLFELDT.

PAPER BOX.

No. 271,975.

Patented Feb. 6, 1883.

fig. 1.

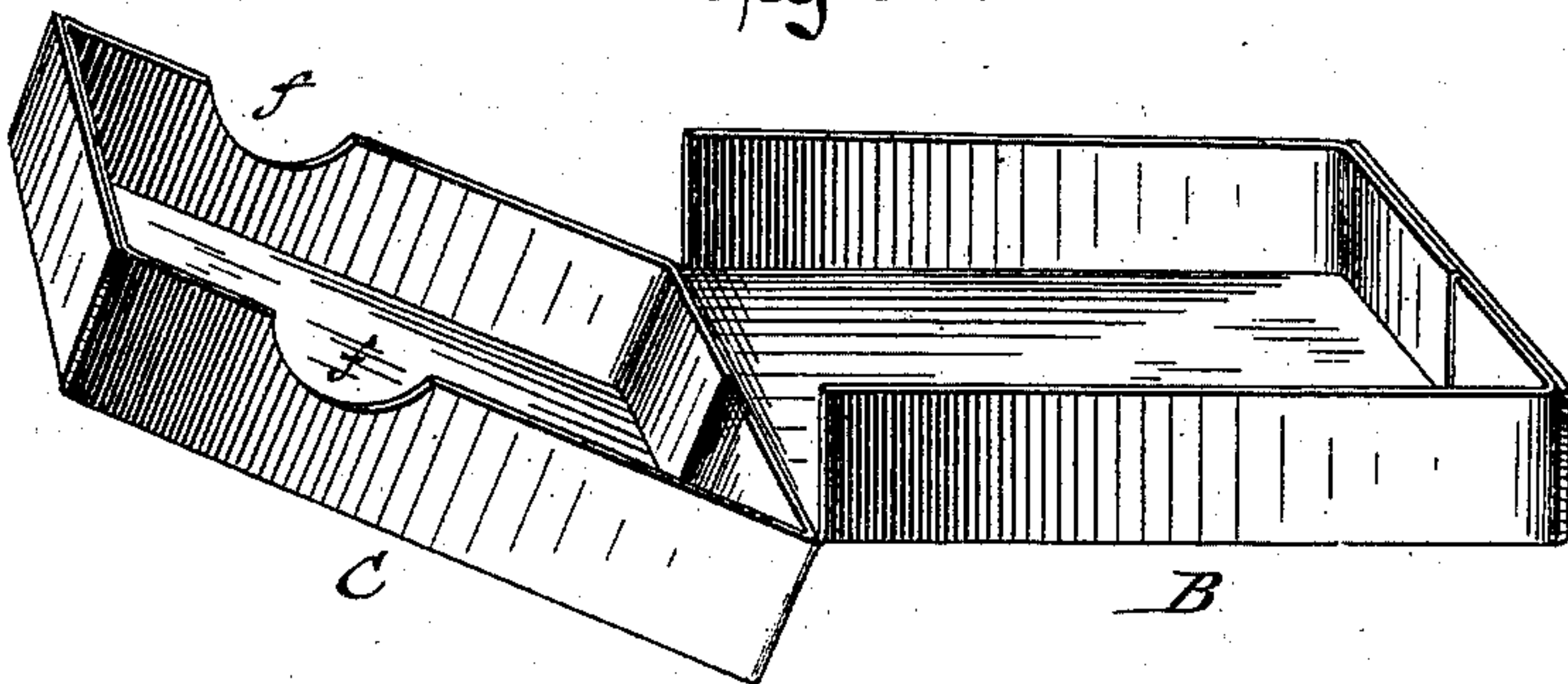


fig. 2.

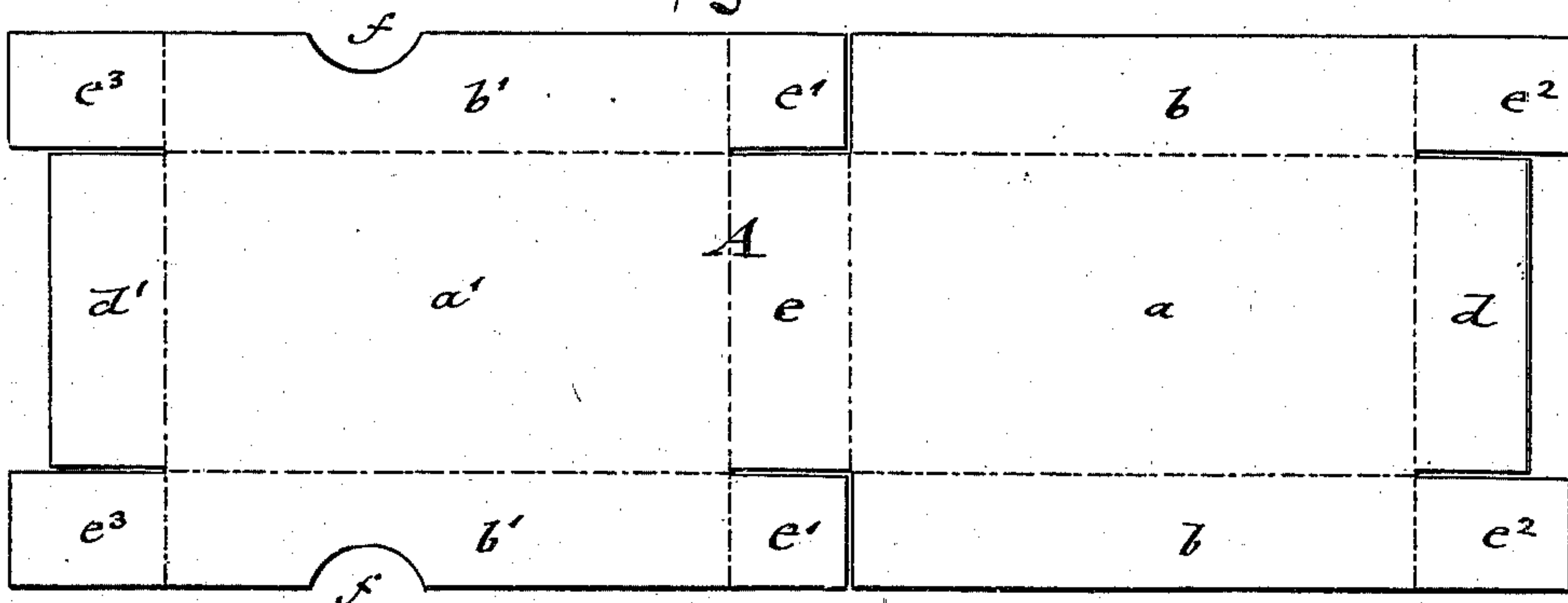


fig. 3.

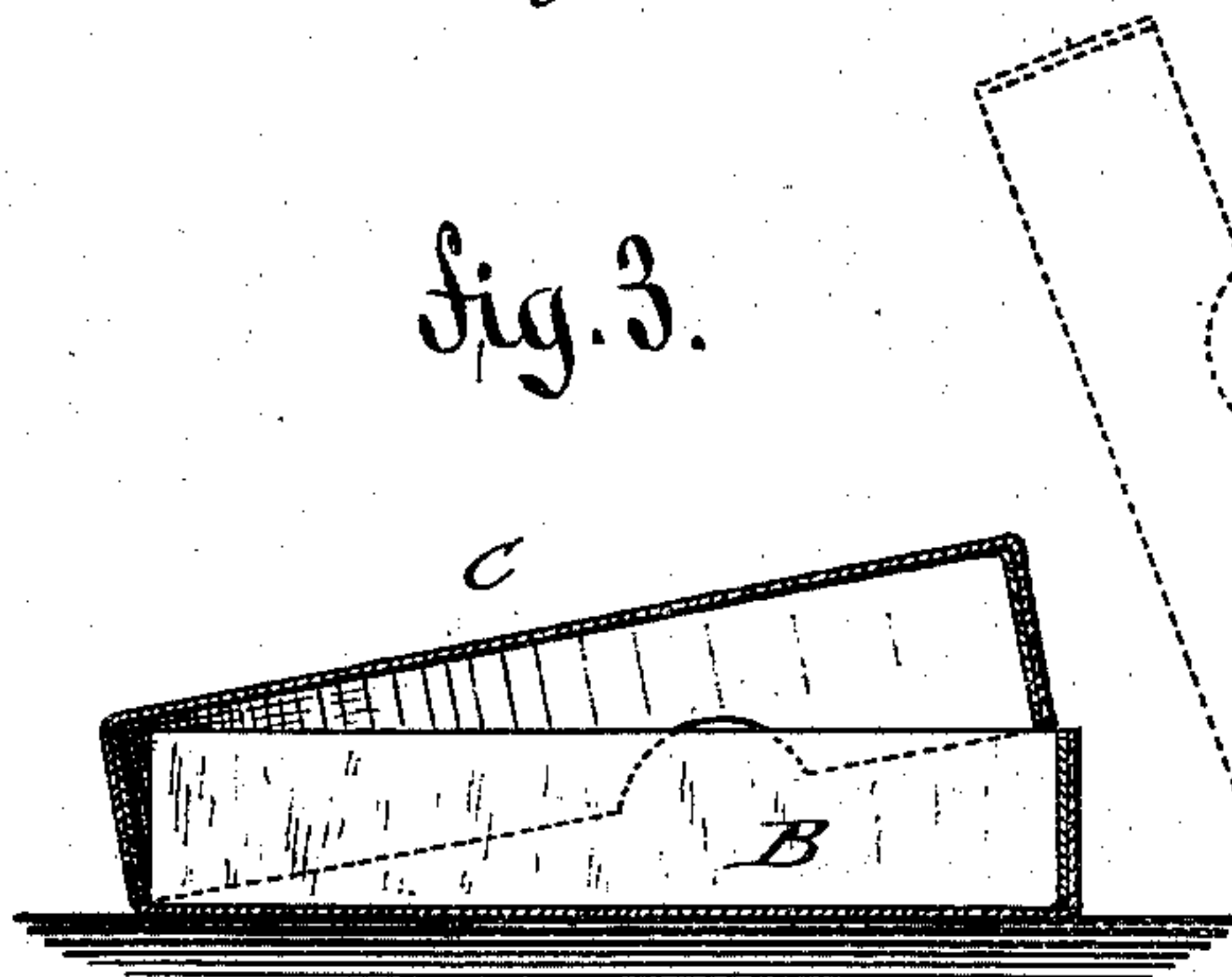
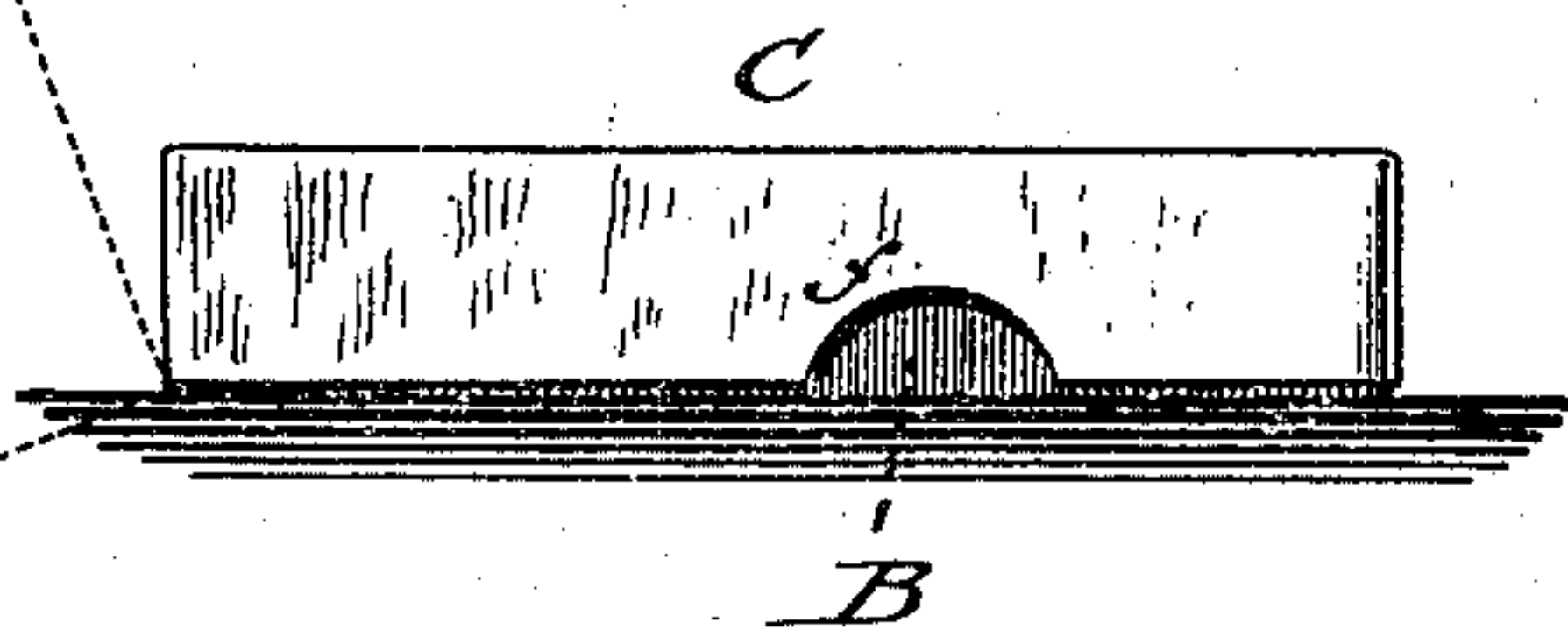


fig. 4.



WITNESSES:

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CHARLES DE QUILLFELDT, OF NEW YORK, N. Y., ASSIGNOR TO THOMAS H. HALL, OF SAME PLACE.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 271,975, dated February 6, 1883.

Application filed January 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES DE QUILLFELDT, of the city, county, and State of New York, have invented certain new and useful Improvements in Paper Boxes, of which the following is a specification.

This invention has reference to an improved paper box for cigarettes, matches, and other articles; and it consists of a box the body and cover of which are made of one continuous blank and united by a common end wall. The body of the box is open at the rear end, and the cover hinged to the rear edge of the bottom of the box, the rear wall of the cover closing the open end of the body when the box is closed.

In the accompanying drawings, Figure 1 represents a perspective view of my improved paper box, shown with the cover in entirely-open position. Fig. 2 is the blank from which the box is made. Fig. 3 is a vertical longitudinal section of the box, with the cover resting on the body in a partly-opened position; and Fig. 4 is a side view of the box in closed position, the position of the cover, when elevated, being shown in broken lines.

Similar letters of reference indicate corresponding parts.

My improved paper box is made of one continuous blank, A, of stout Manila paper or other suitable material, said blank being formed of two main parts, a a' , which are connected by an intermediate part, e . The main part a has side flaps, b b , and an end flap, d , which together form the body B, while the second main part, a' , has side flaps, b' b' , and an end flap, d' , and forms, with the intermediate connecting part, e , the cover C of the box. The front end wall of the body B is re-enforced by means of extension-flaps e^2 of the side walls, b b , while the end walls of the cover C are re-enforced by extension-flaps e' e^3 , arranged at both ends of the side flaps, b' b' , as shown clearly in Fig. 2. The side flaps, b' , of the cover C are provided with semicircular recesses f f , which serve for the purpose of conveniently taking hold of the body B by the fingers of one hand in opening the box, the cover of which is taken hold of by the fingers of the

other hand. The cover C closes tightly on the body B, owing to the elasticity of the material and the fact that the rear wall of the cover C is hinged to the rear edge of the bottom a of the body B. Consequently a certain forward pressure on the cover is required to cause it to pass over the front end wall of the body B, as otherwise it would rest in a diagonal position back of the front end wall of the box, as shown in Fig. 3. When the box is closed the frictional contact of the front end walls of the body B and cover C holds them tightly together and prevents the opening of the box. The rear wall of the cover forms then, also, the rear wall of the body, but leaves the end of the body open when the cover is thrown back, as shown in Fig. 1, so that cigarettes or other articles in the box can be readily taken hold of at their ends for being removed therefrom. In this manner cigarettes may not only be offered with great convenience, but also protected fully by the box when carried in the pocket, owing to the resistance of the re-enforced end walls and the double walls formed by the body and overlapping cover. The box is also cheaper in construction, as it requires less paper than the sliding boxes heretofore in use.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. As a new article of manufacture, a paper box the body and cover of which are made of one continuous blank, the body having a re-enforced front wall and open rear end and the cover re-enforced front and rear walls, the re-enforced rear wall forming the connecting part between the body and cover, substantially as specified.

2. As a new article of manufacture, a paper box the body and cover of which are made of one continuous blank, the body being open at the rear end, and its front wall being re-enforced by extension-flaps of the side walls, while the front and rear walls of the cover are re-enforced by extension-flaps of its side walls, the rear wall forming the connecting part between the body and cover, substantially as specified.

3. A blank for a paper box, composed of a main part, *a*, having side flaps, *b b*, with extensions *e² e²*, and an end wall, *d*, of a second part, *a'*, having side walls, *b' b'*, with extension-flaps *e' e'* and *e³ e³*, and an end wall, *d'*,
5 and of an intermediate connecting-piece, *e*, all as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

CHAS. DE QUILLFELDT.

Witnesses:

CARL KARP,
SIDNEY MANN.