

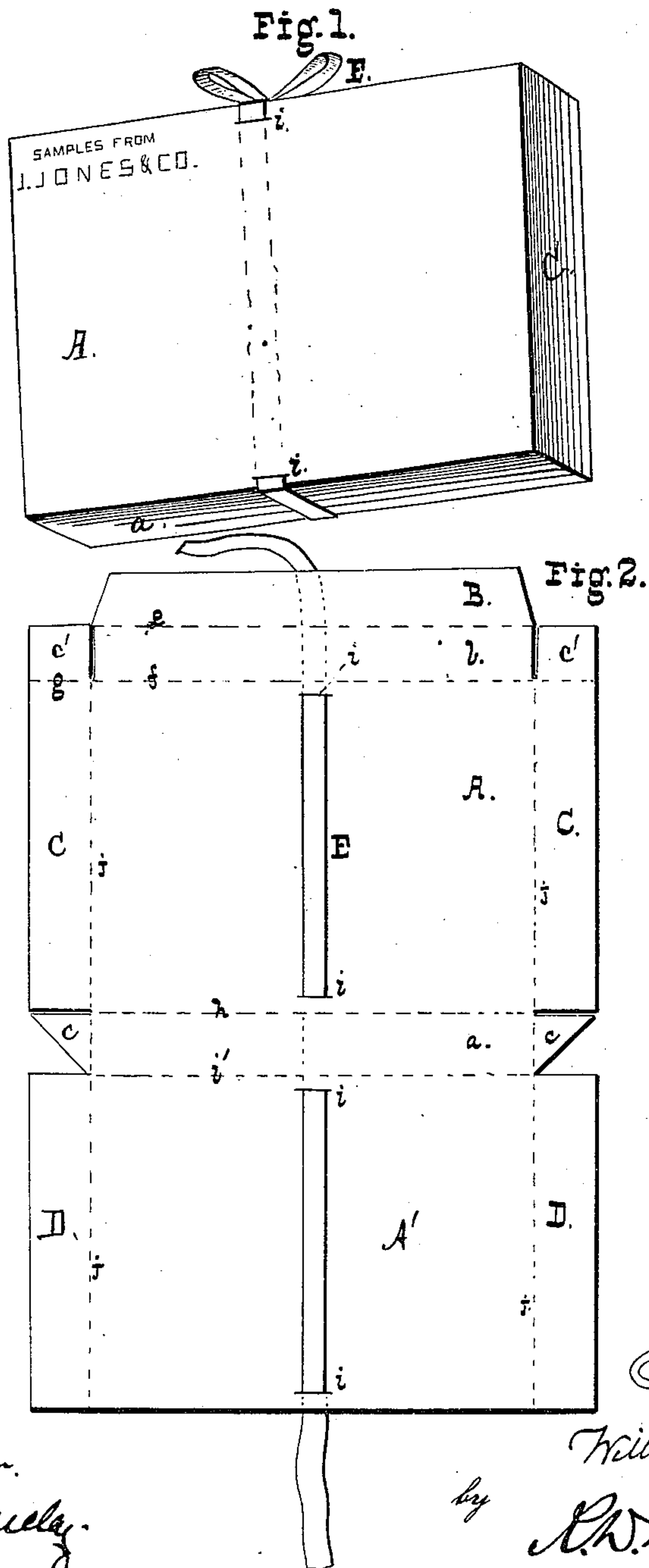
(No Model.)

W. R. MILLER.

PAPER BOX.

No. 282,657.

Patented Aug. 7, 1883.



UNITED STATES PATENT OFFICE.

WILLIAM R. MILLER, OF BALTIMORE, MARYLAND.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 282,657, dated August 7, 1883.

Application filed July 1, 1882. Renewed July 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. MILLER, of Baltimore city, State of Maryland, have invented certain new and useful Improvements in Paper Boxes; and I do hereby declare the same to be fully, clearly, and exactly described as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of the box, and Fig. 2 is a plan of the blank from which it is made.

My invention relates to paper boxes of that general class designed to be used for containing samples to be sent by mail. For this purpose it is a requisite that the box be closed in such manner as to be readily opened to inspect its contents, and it is a desideratum that its surface be unencumbered with tapes or cords, whereby the direction may be readily written thereon.

Heretofore these boxes have been provided with a tape passed through holes in the edges of the boxes and designed to be wrapped around the boxes and tied, or else the tapes have been secured to the walls by a pasted layer of paper. In the former case the tape was in the way in directing the package, and in the second the tapes were liable to come loose. I obviate these difficulties by providing the box with holes near its edges, through which a tape or cord is passed exterior to the box on the edges, top, and bottom, and interior on the sides. Instead of passing the tape through holes in both edges of the box, it may be secured on the interior by a pasted cover. In either case the contents are inclosed by a continuous tape.

In the drawings, A A' are the front and back of the box, and *a* and *b* are the bottom and top.

B is a flap, which is tucked into the box when closed.

C and D are the sides, and *c c* are re-enforcing pieces at the lower corners. Side flaps, *c'*, are attached to the sides C. The parts are scored or creased on the dotted lines *e f h i' j*, as shown. Slits *i* are formed in the front and back of the box near the edges, and a tape, E, is passed through the slits, being on the interior of the blank, except at the top and bottom. The sides D are folded at right angles to the back A', and the re-enforcing pieces *c* are bent at right angles to the bottom *a* and pasted upon the sides D, the blank being bent on the lines *h i'*. The sides C are then bent on the lines *j* and pasted to the sides D. The box is closed by folding in the flaps *c* and tucking the flap B into the open end, the tape E being finally tied in a knot.

The object of perforating the blank at a distance from its edges, as at *i*, is to leave a portion of the walls beneath the tape and in the line of strain, whereby the liability to tear across the top and bottom is prevented or lessened.

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

1. A paper box having a binding cord or tape extending completely around the box and on the interior side of its walls, leaving the latter smooth to receive the address, as set forth.

2. A paper box slitted at *i*, near the edges of its walls, and having a cord or tape passed around the box on the inside of its walls and the outside of its top and bottom, as set forth.

WM. R. MILLER.

Witnesses:

R. D. WILLIAMS,
JNO. T. MADDOX.