

P. BEER.

Improvement in Paper-Boxes.

No. 114,752.

Patented May 16, 1871.

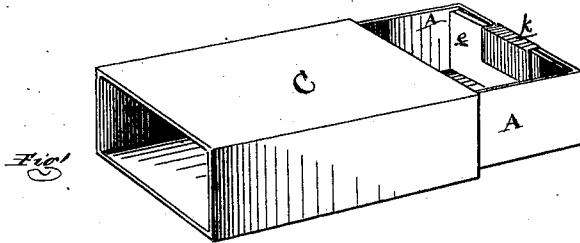


Fig. 1

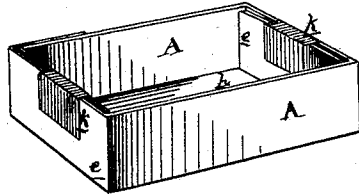


Fig. 2

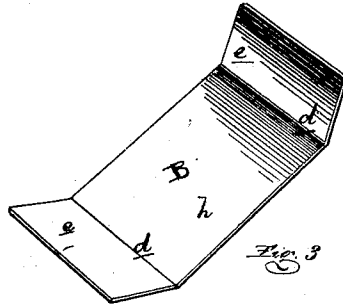


Fig. 3

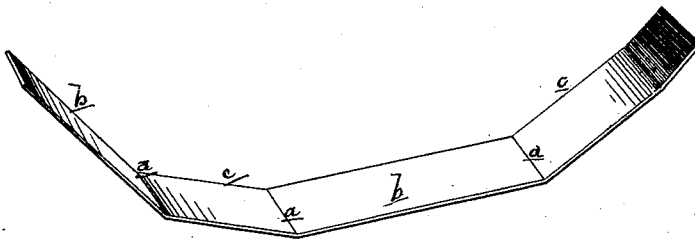


Fig. 4

ATTEST  
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PETER BEER, OF DETROIT, MICHIGAN.

Letters Patent No. 114,752, dated May 16, 1871.

## IMPROVEMENT IN PAPER BOXES.

The Schedule referred to in these Letters Patent and making part of the same.

### To whom it may concern:

Be it known that I, PETER BEER, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Paper Boxes; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 shows my box inclosed in a case.

Figure 2 shows the box detached.

Figure 3 shows the bottom of the box with the ends detached before being folded.

Figure 4 shows the sides and ends of the box detached before being folded.

Like letters refer to like parts in each figure.

The object of this invention is the construction of a paper box for packing matches and other articles, which shall be more easily made and at a less cost than those now in use.

The invention consists in the construction and arrangement of the several parts of such boxes, as more fully hereinafter described.

In the accompanying drawing—

A represents a strip of stiff paper, pasteboard, or other similar material, creased, folded, or cut partially through, as at *a*, so that when bent into shape it will form the sides *b* and ends *c* of a box with square corners. A strip of paper of a corresponding width is

then pasted around the same, when a box is formed without top or bottom.

B is another piece of similar material, cut wide enough to form the bottom of the box and fit within the side walls of the same. It is cut long enough that it will be equal to the length of the box and twice its depth, or nearly so. It is then partially cut through, creased, or folded, as at *d*, where the two ends *e* are turned up at right angles with the bottom *h* and inserted within the box, when, by the spring of the ends *e* against the inner sides of the ends of the box, the bottom *h* is held in place.

If desired, a short strip of paper, *k*, may then be pasted over the ends, as shown, to hold the parts together.

A cover for the box may be made in a like manner, but the box above described is intended to fit into a case, C, as shown in fig. 1.

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

The paper box described, consisting of the pieces A and B and the case C, all constructed, arranged, and combined substantially as and for the purpose set forth.

PETER BEER.

Witnesses:

THOS. S. SPRAGUE,  
H. F. EBERTS.