

E. B. BEECHER.  
Match-Box.

No. 216,501.

Patented June 17, 1879.

Fig. 1.

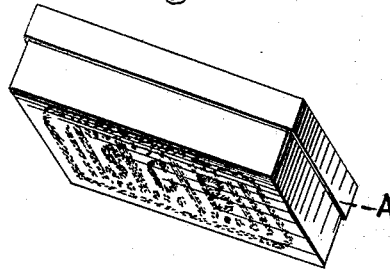


Fig. 2.

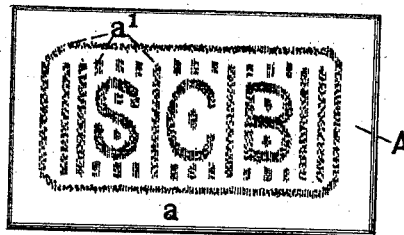
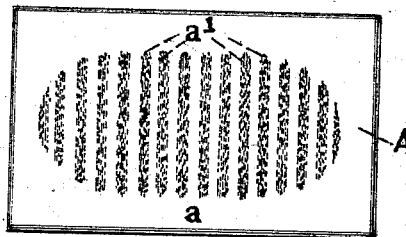


Fig. 3.



WITNESSES:

*J. S. Meert*  
*Cornelius Cox*

INVENTOR:

E. B. BEECHER,

BY

*H. N. Beadle & Co.*

ATTYS.

# UNITED STATES PATENT OFFICE.

EBENEZER B. BEECHER, OF WESTVILLE, CONNECTICUT.

## IMPROVEMENT IN MATCH-BOXES.

Specification forming part of Letters Patent No. **216,501**, dated June 17, 1879; application filed March 24, 1879.

*To all whom it may concern:*

Be it known that I, EBENEZER B. BEECHER, of Westville, county of New Haven and State of Connecticut, have invented a new and useful Improvement in Match-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention is a match-box which is provided upon one of its faces with a series of independent sand surfaces for igniting the match, as will be fully described hereinafter.

In the drawings, Figure 1 represents a perspective view of a match-box having my improvement applied thereto, and Figs. 2 and 3 plan views of the same in a reversed position.

To enable others skilled in the art to make my invention, I will now proceed to describe fully the construction of the same.

A, Figs. 1, 2, and 3, represents a match-box of any proper construction and of any suitable material, which is provided upon one of its faces *a*, Figs. 2 and 3, with a series of independent sand surfaces, *a'* *a'*, as shown. These surfaces are, preferably, so arranged as to form an

ornamental design, as shown in Fig. 2; but, if desired, they may be arranged in simple straight lines, as shown in Fig. 3, or in any other proper manner. These surfaces may be formed upon the box by first printing thereon the design in glue, or in any other proper adhesive material, and then sanding the same in the manner well understood.

By the use of independent sand surfaces instead of one that is continuous the igniting of certain kinds of matches is more easily effected, each independent surface forming a slight projection against which the match is caused to strike when drawn across the box.

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

As a new article of manufacture, a match-box having a face provided with a series of independent igniting surfaces of sand.

This specification signed and witnessed this 11th day of March, 1879.

EBENEZER B. BEECHER.

Witnesses:

L. W. BEECHER,  
J. F. BENTON.