

F. IMHOF.  
Paper-Box.

No. 217,619.

Patented July 15, 1879.

Fig. 1.

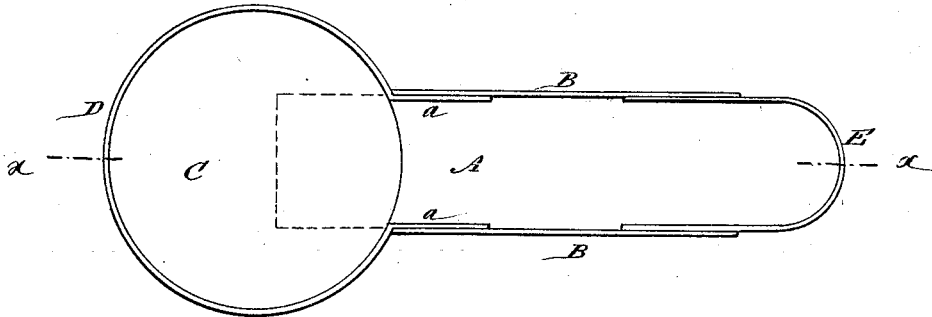


Fig. 2.

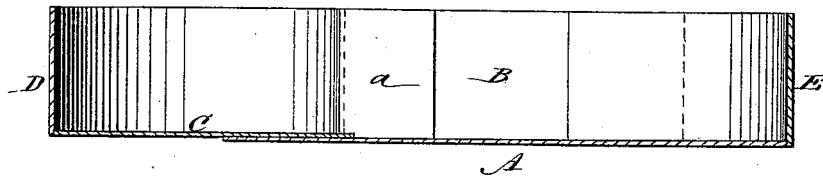


Fig. 4.

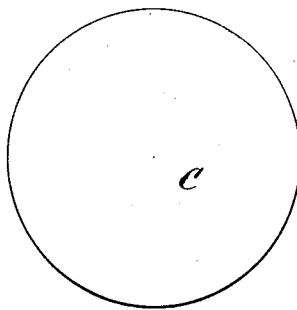


Fig. 5.

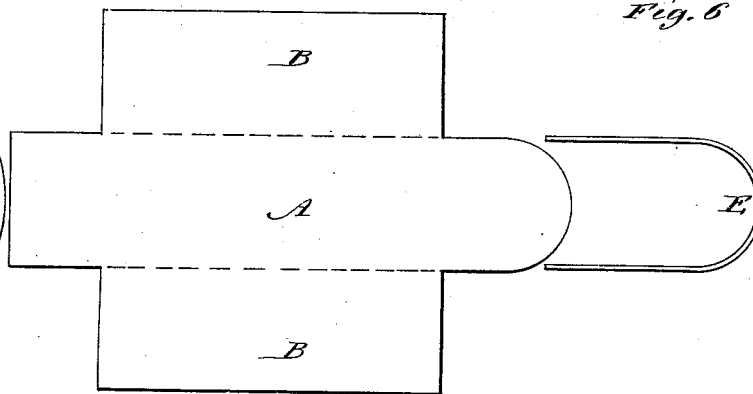
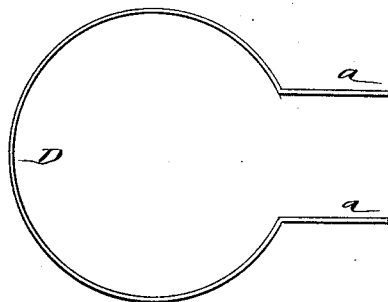


Fig. 6.

Fig. 5.



WITNESSES:

*C. Neuhaus*  
*C. Sedgwick*

INVENTOR:

*F. Imhof*  
BY *Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

FRANK IMHOF, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND SCHENK & SCHLICHTE, OF SAME PLACE.

## IMPROVEMENT IN PAPER BOXES.

Specification forming part of Letters Patent No. **217,619**, dated July 15, 1879; application filed June 6, 1879.

### *To all whom it may concern:*

Be it known that I, FRANK IMHOF, of the city, county, and State of New York, have invented a new Improvement in Paper Boxes, of which the following is a specification.

My invention relates specifically to improvements in making paper boxes for banjos, violins, guitars, and other similarly-shaped instruments.

Heretofore these boxes have been made by cutting out the bottom and top of a suitable shape for the body and neck of the instrument, and then bending a strip of suitable width for each part around the edge, and securing it thereto to form the sides. This mode of making the boxes is very difficult and expensive, and to that extent objectionable.

The object of this invention is to provide a simpler and more economical way of making them.

It consists in making the bottom and top and also the sides in several separate parts, so as to avoid the trouble and difficulty of bending the sides around the edges for the whole length of the box.

In the accompanying drawings, which show the improvement applied to the making of banjo-boxes, Figure 1 is a top plan of the box when put together. Fig. 2 is a longitudinal vertical section of the same on line *xx*. Figs. 3, 4, 5, and 6 represent the several parts used in making the box.

Similar letters of reference indicate corresponding parts.

A represents the bottom of that part of the box which receives the neck of the instrument. It has two wings, B B, extending outward at right angles. These are designed to be bent up on the dotted lines to form the straight sides of this part of the box.

C represents the bottom of the body part of the box, that is circular, to correspond to the banjo; but for violins and guitars it will be made to correspond with their shape.

D is the strip forming the sides of the body

of the box. The ends *a a* are projected out at a tangent to the circle and parallel to each other, so as to join the wings B B, and thus connect with the sides.

E is the piece bent around the end of the neck portion A, opposite the body end.

In putting the several parts together after being cut out, the wings B B are first bent up at right angles to the bottom A. Next the sides D and the bottom C of the body are connected with A in the manner shown in Figs. 1 and 2, the ends *a a* being placed inside the wings, as clearly shown. The piece E is then bent around the end of the neck portion, with its ends within the wings B B, as shown, and the several parts are pasted together and incased in ornamental paper in the usual manner.

The top for the box is made in precisely the same manner.

More pieces are employed in making the box in this manner; but the facility obtained in joining the side pieces to the bottom and top more than compensates for this, not only enabling the box to be made much more quickly and easily, but also more economically.

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

As an improvement in paper boxes for musical instruments, the combination and arrangement of the following parts to form the box: The part A to form the bottom of the neck portion of the box, with wings B B to form the sides, the part C to form the bottom of the body, the strip D to form the sides of the body, and piece E for the sides of the end of the neck opposite the body, adapted to be put together to form the box in the manner substantially as described.

FRANK IMHOF.

Witnesses:

W. C. DONN,  
C. SEDGWICK.