

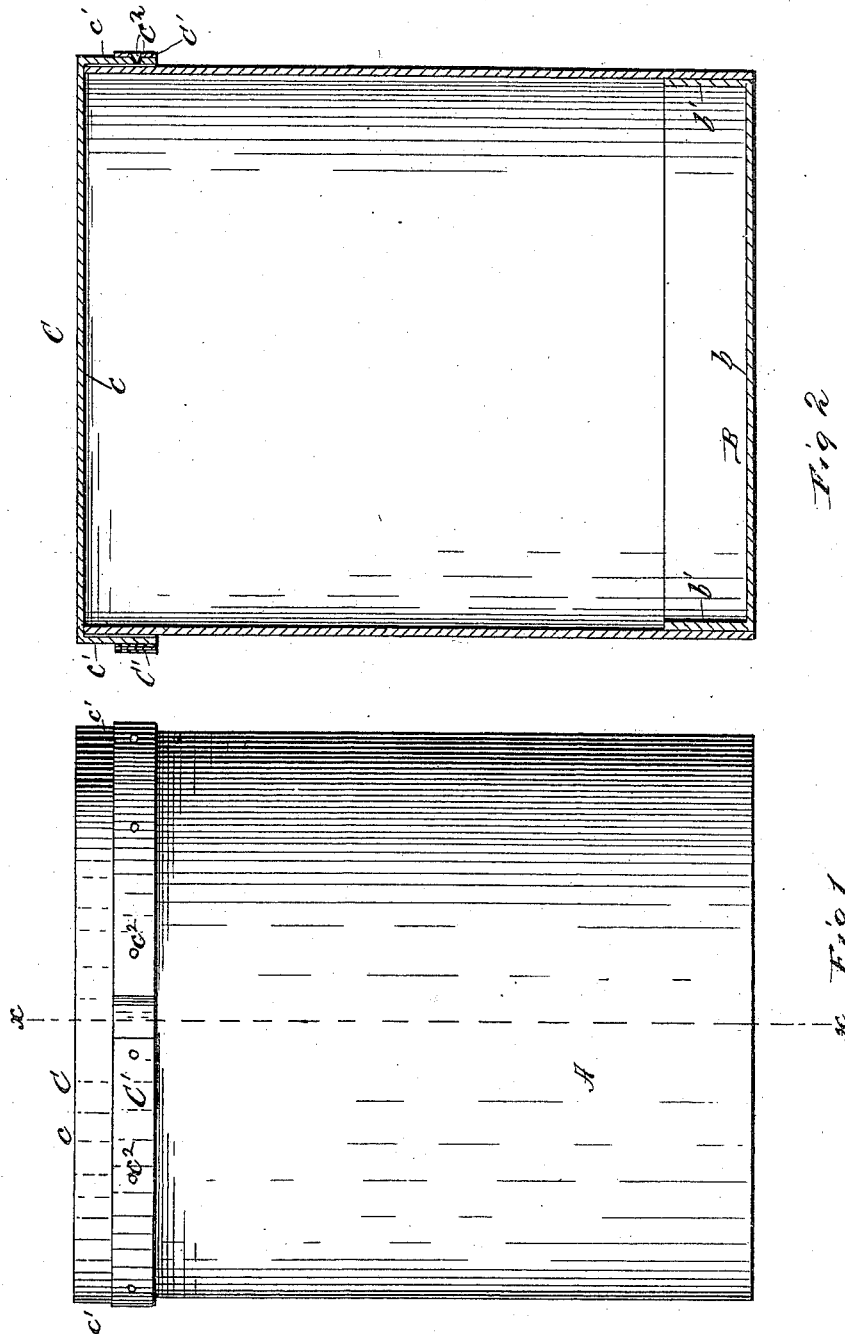
(No Model.)

M. F. WILSON.

PAPER BOX.

No. 306,304.

Patented Oct. 7, 1884.



Witnesses  
*W. C. Corlies*  
*A. M. Best*

Inventor  
*Merrick F. Wilson*  
By *Coburn Thacher*  
Attorney

# UNITED STATES PATENT OFFICE.

MERRICK F. WILSON, OF CHICAGO, ASSIGNOR OF ONE-HALF TO CHARLES R. STEELE AND V. CLARENCE PRICE, BOTH OF WAUKEGAN, ILLINOIS.

## PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 306,304, dated October 7, 1884.

Application filed April 11, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, MERRICK F. WILSON, a citizen of the United States, residing at Chicago, in the county of Cook, in the State of Illinois, have invented a certain new and useful Improvement in Paper Boxes, which is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is an elevation of my improved box. Fig. 2 is a section on the line *x x* in Fig. 1.

My invention relates to boxes, and more particularly to boxes made principally of paper or other equivalent material; and it consists in a box provided with a flanged cover stamped out of a single piece, and having on its flange a band of metal or equivalent material. The object is to provide a cheap box which shall be strong and not liable to be destroyed or injured by exposure to wet, such a box being particularly useful for containing axle-grease—a service which frequently involves such exposure, and for which, therefore, paper boxes as heretofore constructed are not satisfactory.

In the drawings, A denotes a cylinder of paper or other equivalent material, formed in any usual way, and constituting the body of a box. B denotes the bottom, which consists of a flat portion, *b*, adapted to fit into the end of the cylinder A, and having a flange, *b'*, turned up on its edges, the whole being stamped out of a single piece of the same material in any convenient manner. It may be fastened in the cylinder by means of glue or other adhe-

sive, preferably water-proof. The cover C is of dimensions to fit on the other end of the cylinder, and is therefore slightly larger than the bottom, which it otherwise resembles in form and material, consisting of the flat portion *c* and the inclosing-flange *c'* turned upon its edge. This flange is surrounded by a band, C', of metal or other material impervious to moisture. This band may be fastened to the flange by punching the two together, as shown at *c''* in the drawings, or by forming a bead on the two, or in any other convenient manner. A cover thus re-enforced is not only stronger, but will not lose its shape on becoming damp, whereas a cover otherwise similar, but without the re-enforcement, would under such exposure to wet as is very likely to occur in the case of boxes used to contain axle-grease, and for analogous purposes, return toward its original flat shape and become useless. The bottom is in like manner prevented from losing its shape when damp by the inclosing-wall of the cylindrical body A. A box at once strong, durable, and cheap is thus provided.

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

A box-cover consisting of a single piece of paper or equivalent material having a flange, *c'*, turned upon its edge, and a re-enforcing band of metal or equivalent material attached to the flange, substantially as and for the purpose described.

MERRICK F. WILSON.

Witnesses:

THOMAS H. PEASE,  
W. C. CORLIES.