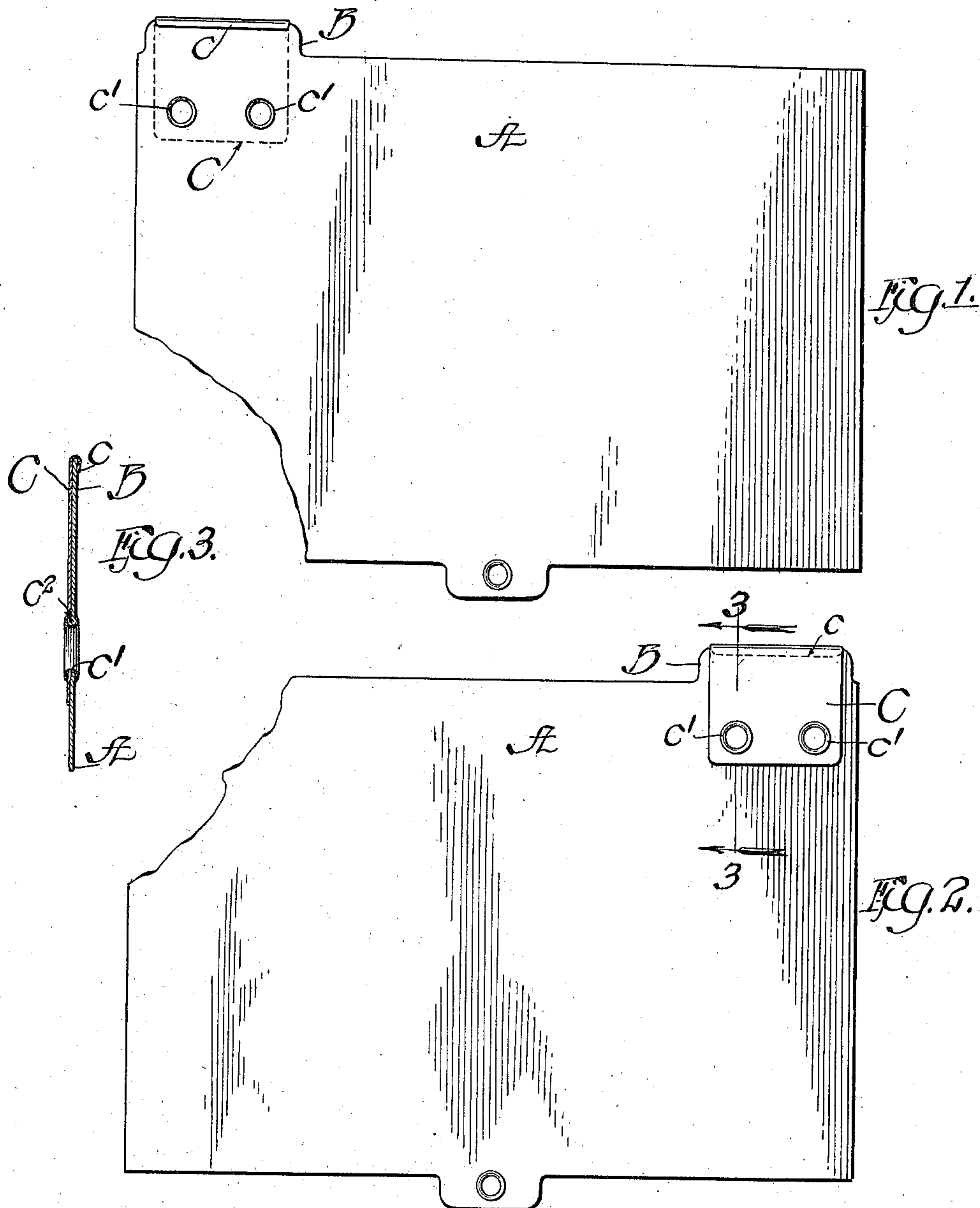


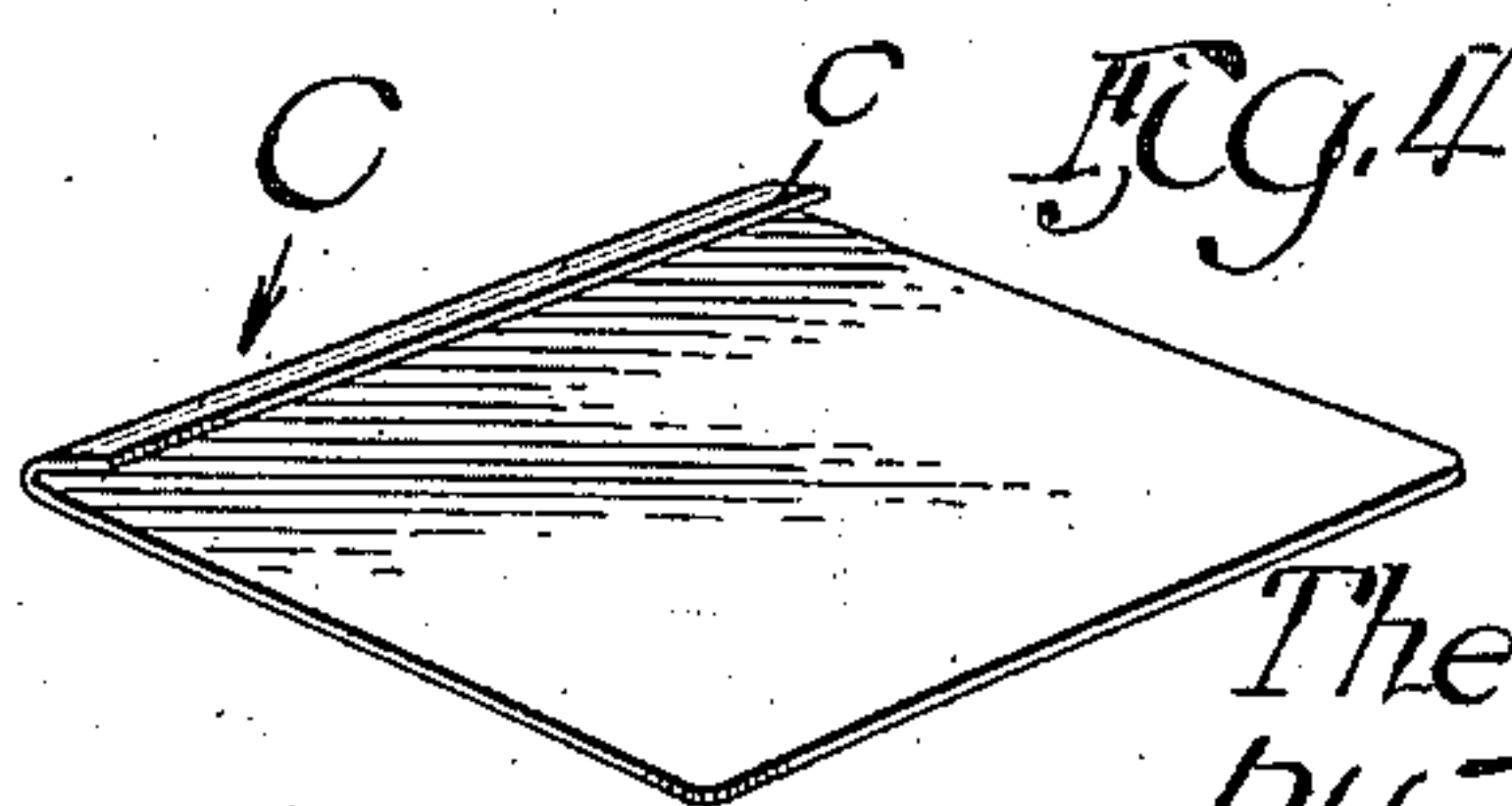
T. J. AMBERG.  
 GUIDE CARD FOR VERTICAL FILING SYSTEMS.  
 APPLICATION FILED APR. 22, 1910.

963,350.

Patented July 5, 1910.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

THEODORE J. AMBERG, OF CHICAGO, ILLINOIS, ASSIGNOR TO AMBERG FILE AND INDEX COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

GUIDE-CARD FOR VERTICAL-FILING SYSTEMS.

963,350.

Specification of Letters Patent.

Patented July 5, 1910.

Application filed April 22, 1910. Serial No. 557,087.

To all whom it may concern:

Be it known that I, THEODORE J. AMBERG, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Guide-Cards for Vertical-Filing Systems; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to a guide card for use in vertical filing systems and the object of the invention is to provide a reinforcement for the index tab, which shall efficiently strengthen the tab and at the same time protect its upper margin without interfering with the attachment of the usual index label by gumming or pasting it to the tab.

The invention consists of the matters hereinafter described and more particularly pointed out in the appended claim.

The tabs of guide cards of the kind described, as heretofore made, not only are apt to be deformed or broken and in time entirely detached from the cards, but the wear due to the frequent fingering of the cards in the use of the system comes almost entirely on the tab, so that, even when not broken, the upper margins of the tabs are bent or curled over from frequent handling. This curling or bending of the tabs causes them to project out of their own proper plane, prevents the tabs of adjacent cards from being readily grasped and covers or obscures the labels on the tabs, so that they can not be read without straightening out the tabs. This greatly interferes with the ready use of the system. The present invention is designed to overcome these disadvantages.

In the drawings:—Figure 1 is a front view in elevation of a guide card provided with my improvement. Fig. 2 is a rear view. Fig. 3 is a partial vertical section through Fig. 2 on the line 3—3 thereof. Fig. 4 is a perspective view of the reinforcing plate before it is applied to the card.

A is a guide card, made of fibrous material such as cardboard, heavy paper and the like, and B, an index tab formed in-

tegral with said card and projecting vertically above its upper margin. In the card illustrated, the tab is shown near one vertical margin of the card, but it will be understood, of course, that said tab may be located in any position along the upper margin of the card.

C indicates a reinforcing plate made of sheet metal and of substantially the width of the tab. The upper margin of said plate is bent down upon itself to form a depending flange *c* which embraces the upper margin of the face of the tab and is forcibly compressed against it. The plate extends to a line substantially below the upper margin of the card and is secured near its lower edge to the body of the card by means of rivets *c*<sup>1</sup>, *c*<sup>1</sup>. The strain on the tab is thus carried down to the main body of the card and the tab thereby relieved.

The attachment of the reinforcing plate in the manner described leaves the front face of the tab fully exposed for the attachment of the label, and, at the same time, efficiently strengthens the tab itself and its connection with the card body and also protects its upper margin.

In attaching the reinforcing plate to the card the plate is formed, as indicated in Fig. 4, is applied to the rear face of the card and the rivet holes punched through the plate and the card at the same time. This insures the proper register of the rivet holes in the card and plate, and also causes the bur *c*<sup>2</sup>, formed in the metal by punching the rivet hole, to engage the marginal edges of the hole in the card, which adds to the rigid attachment of the plate. Rivets are then applied in the ordinary way and the flange *c*<sup>1</sup> compressed against the front face of the tab along its upper margin.

I claim as my invention:—

A guide card for vertical filing systems embracing a card of fibrous material provided with a tab projecting above its upper margin, a reinforcing plate secured to the rear face of said card, said reinforcing plate being of substantially the width of said tab and extending from the upper margin of said tab to a line remote from the upper margin of said card, a depending flange formed at the upper edge of said plate

adapted to engage the front face of said tab  
along its upper margin, and means for secur-  
ing said plate to said card at a point or  
points remote from the upper margin of  
5 said tab.

In testimony, that I, claim the foregoing  
as my invention I affix my signature in the

presence of two witnesses, this 19th day of  
April A. D. 1910.

THEODORE J. AMBERG.

Witnesses:

CLARENCE E. MEHLHOPE,  
GEORGE R. WILKINS.