

No. 704,554.

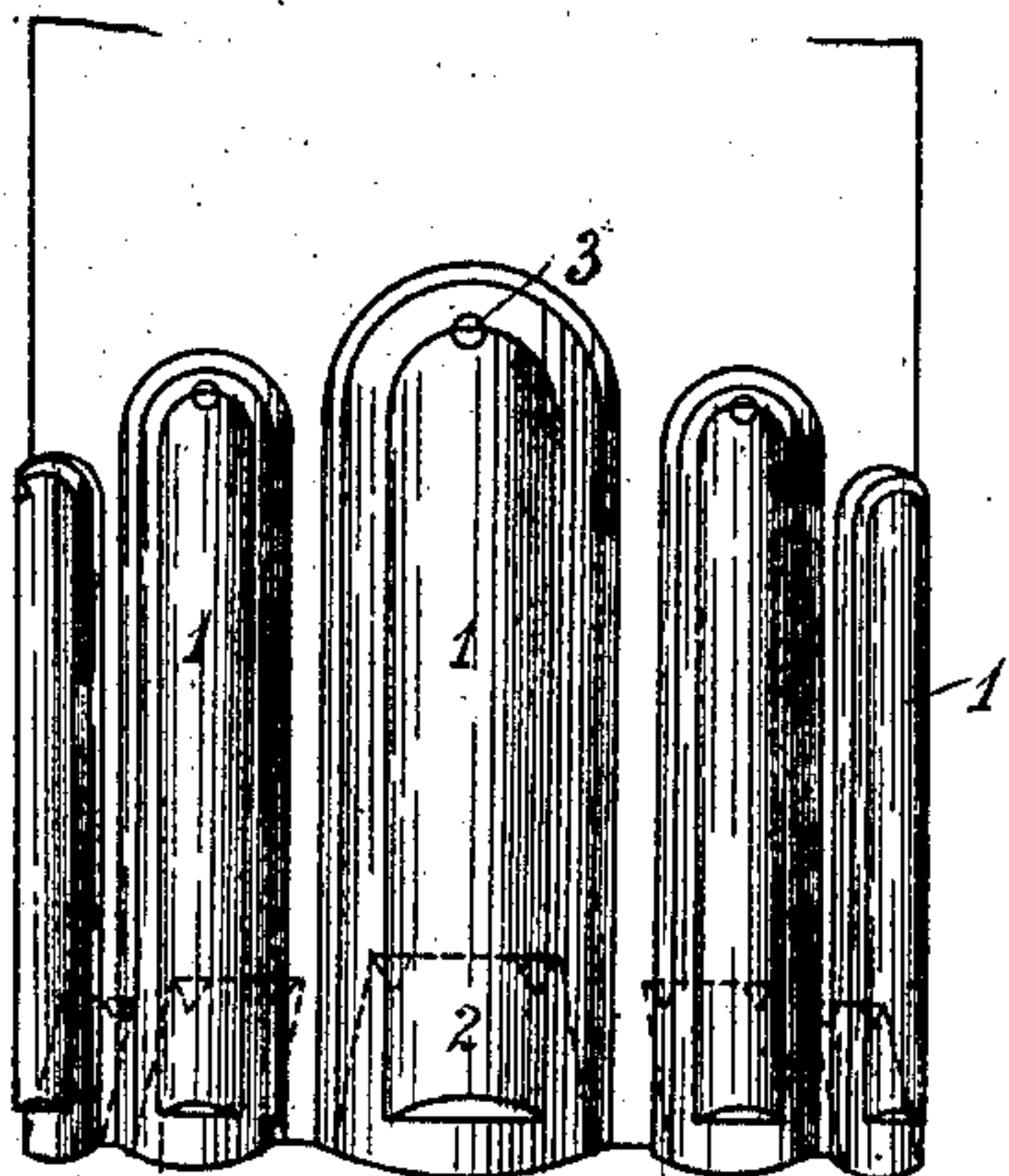
Patented July 15, 1902.

S. LITWIN.  
BACKING PROTECTOR FOR BOOKS.

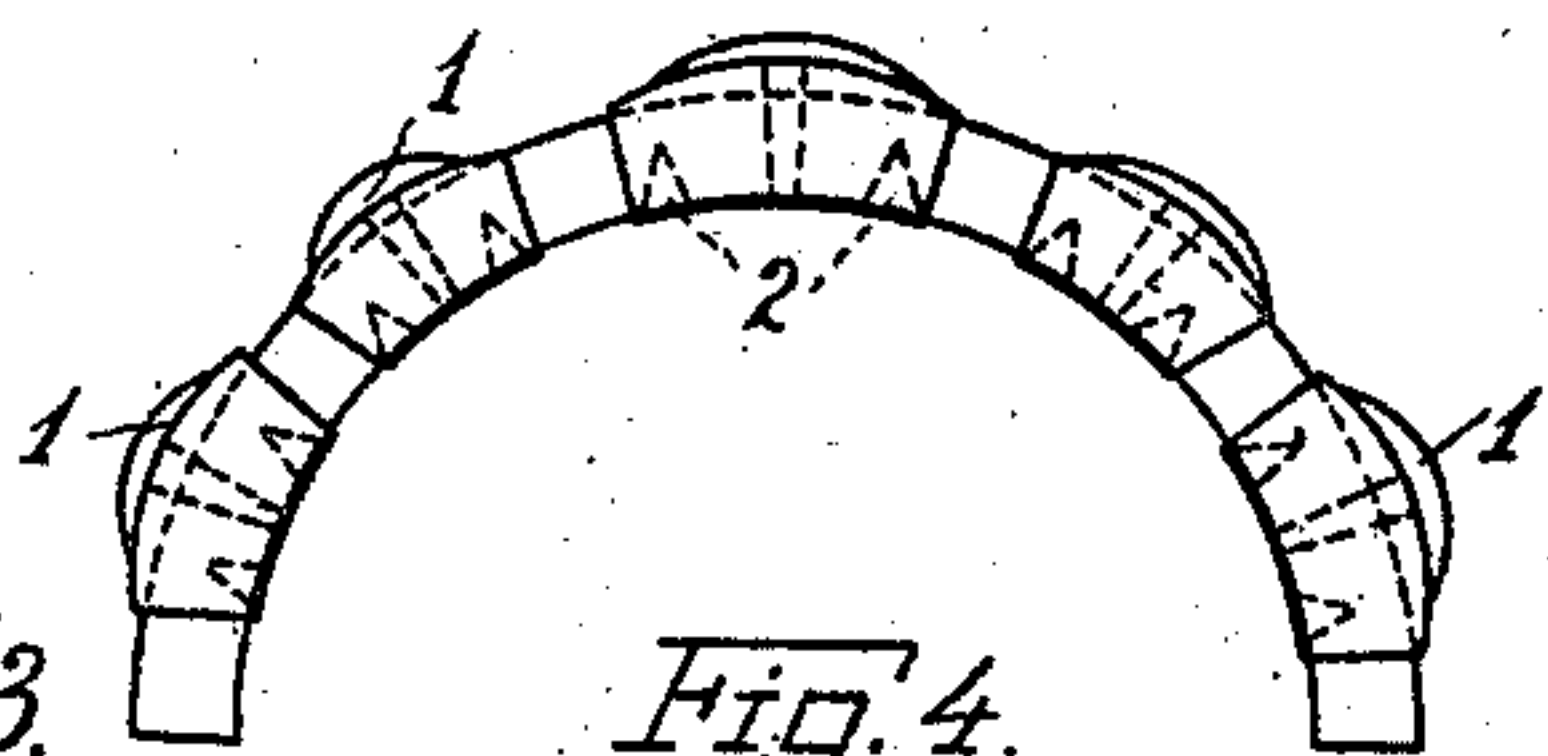
(Application filed June 4, 1901.)

(No Model.)

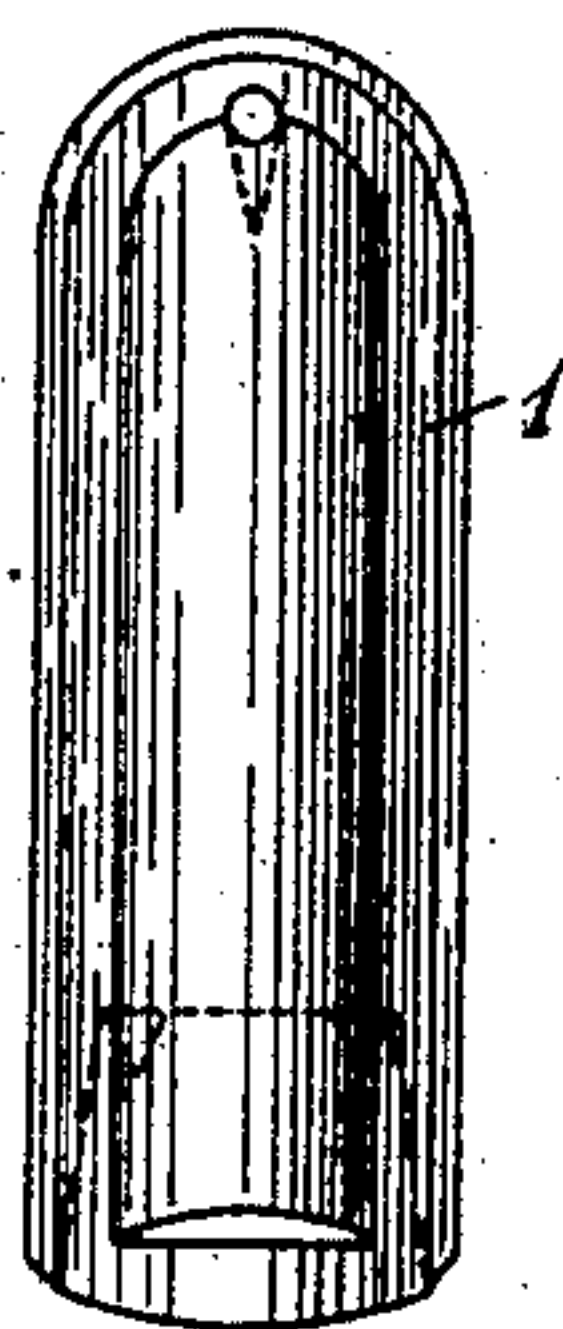
*Fig. 1.*



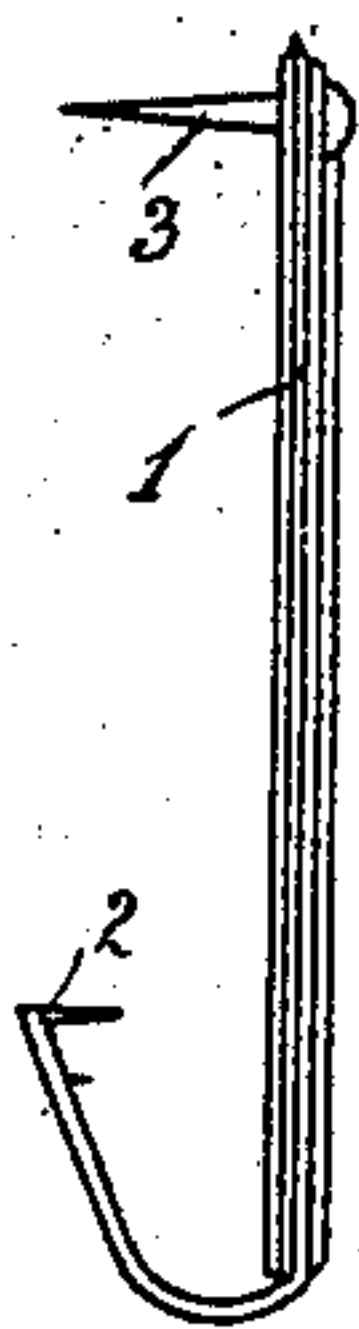
*Fig. 2.*



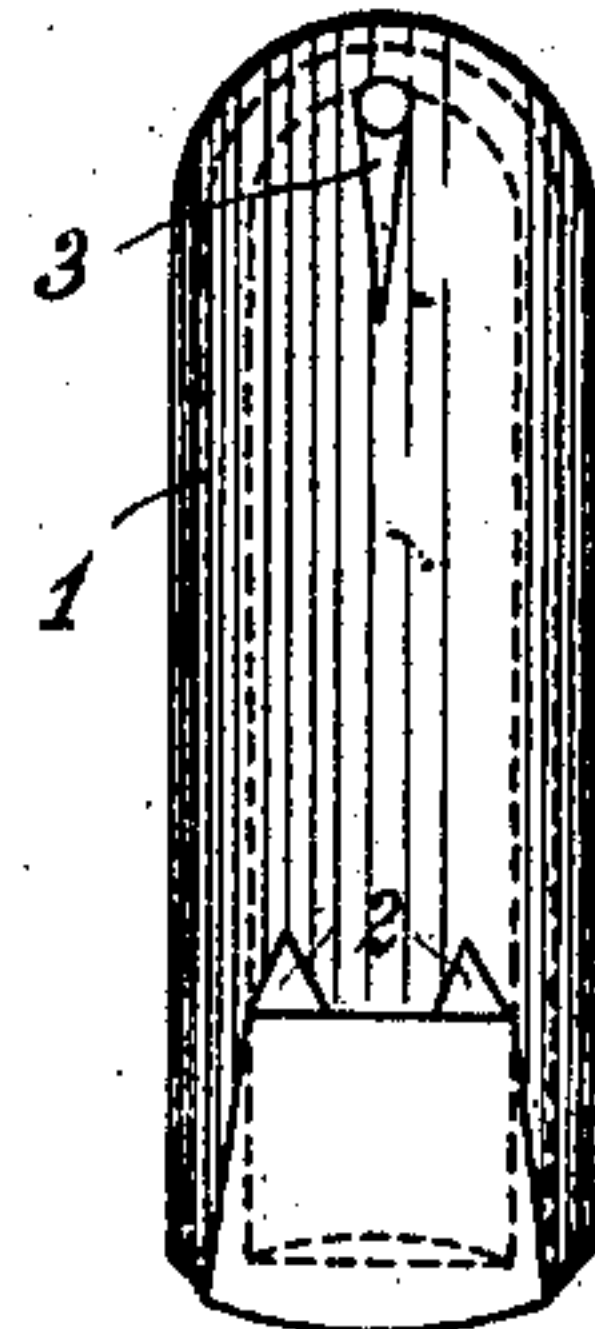
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



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# UNITED STATES PATENT OFFICE.

STEFAN LITWIN, OF VIENNA, AUSTRIA-HUNGARY.

## BACKING-PROTECTOR FOR BOOKS.

SPECIFICATION forming part of Letters Patent No. 704,554, dated July 15, 1902.

Application filed June 4, 1901. Serial No. 63,110. (No model.)

*To all whom it may concern:*

Be it known that I, STEFAN LITWIN, a subject of the Emperor of Austria-Hungary, residing at Vienna, Austria-Hungary, have invented certain new and useful Improvements in Protectors for Backs of Books, of which the following is a specification.

My invention has relation to a protector for book-backs, and in such connection it relates to the construction and arrangement of such a protector.

Heretofore the backs of the covers of large books, such as ledgers or other books of record, have been provided with protectors, either singly or in series; but these protectors when used spanned the back transversely. They therefore were required to be made of a width corresponding to the width of the back of the book to be protected, and as the books were of varying widths, so far as their backs were concerned, it was necessary either to make the protectors of special size, as required, for each book or else keep on hand large quantities of varying sizes in the hope that in the large number of protectors one could be found to fit. Again, as these protectors spanned the back of the book-cover transversely and of necessity were rigid and unyielding the frequent opening or closing of the book resulted in either breaking the protector or some portion of the book-cover.

All the above and other disadvantages are overcome by the back-protectors made according to the present invention.

The principal object of my invention is to provide a series of protector-plates arranged longitudinally of the book-back and each of a length required, the plates being arranged parallel to each other, but preferably not abutting, and said plates capable of being readily secured to the back of the book-cover.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is an elevational view of a part of the back of a book-cover, showing the sectional protector embodying main features of my invention applied thereto. Fig. 2 is an end elevational view of Fig. 1, and Figs. 3,

4, and 5 are detail views illustrating one of the sections detached from the back of the cover.

Referring to the drawings, the sections are shown as five in number, and each consists of a plate 1, having a rounded or curved exterior in preferably three laminae or layers. The intermediate layer by preference is provided at its base with a plate 2, turned upward, so as to straddle the lower edge of the back of the book, and this plate 2 has prongs adapted to enter the book-back from the interior face of said back. A pin or rivet 3 traverses the rounded protector 1 and is adapted to traverse the book-back and is secured to the same by upsetting or riveting the point of the rivet 3 against the interior face of said back. The sections 1 are arranged longitudinally of the back of the book and parallel to each other, but not touching. By this arrangement the flexibility of the back of the book is not impaired, and yet the material of which the book-back is made is adequately protected from wear.

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

1. In a device of the character described, the combination with the book-back, of a series of plates arranged longitudinally along a part of the exterior surface of the book-back and secured thereto parallel with each other, the exterior surface of said plates being rounded.

2. In a device of the character described, the combination with the book-back, of a series of plates arranged longitudinally along a part of the exterior surface of the book-back, each plate provided with an extension turned upward to straddle the edge of the back and secured to the inside of said back, and means traversing each plate and the book-back adapted to secure the plates to the exterior of said back.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

STEFAN LITWIN.

Witnesses:

FRANZ RISTON,  
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