

(No Model.)

T. N. ROGERS.
STRENGTHENING STRIP FOR TRUNKS, &c.

No. 500,352.

Patented June 27, 1893.

Fig. 1.

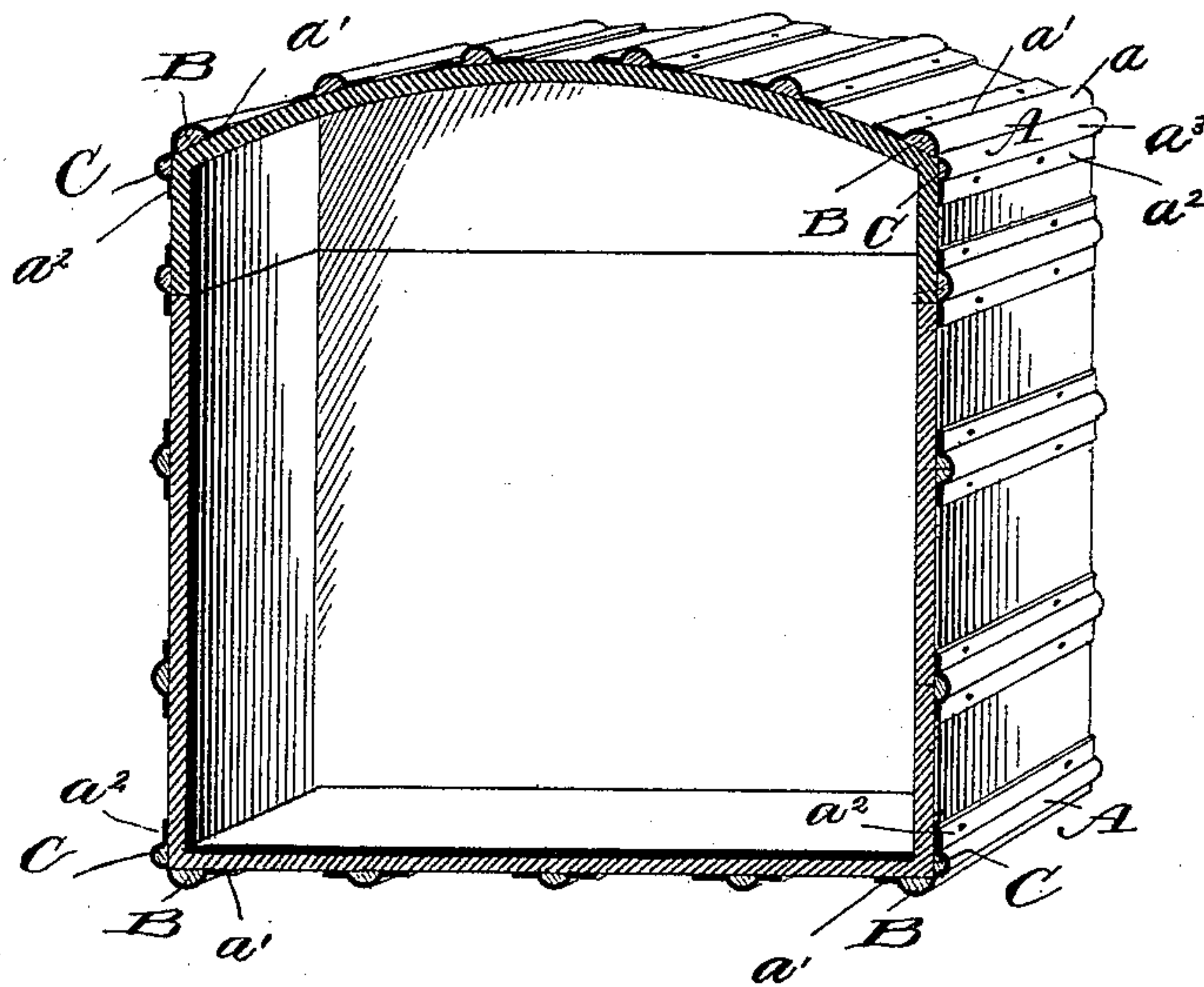
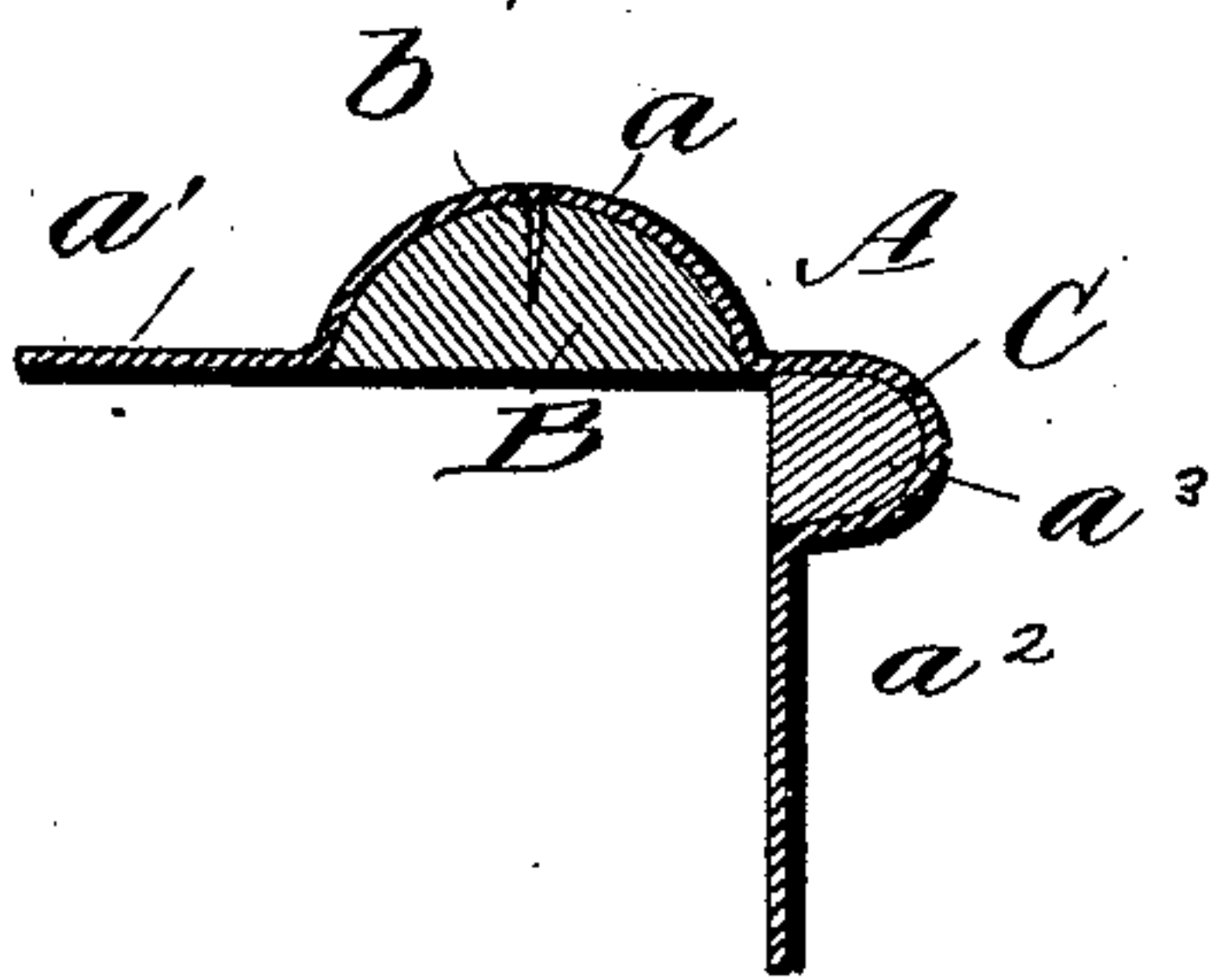


Fig. 2.



Witnesses
L. C. Hills.
E. H. Bond

Inventor:
Thomas N. Rogers
By E. B. Stocking
Attorney

UNITED STATES PATENT OFFICE.

THOMAS N. ROGERS, OF PHILADELPHIA, PENNSYLVANIA.

STRENGTHENING-STRIP FOR TRUNKS, &c.

SPECIFICATION forming part of Letters Patent No. 500,352, dated June 27, 1893.

Application filed December 2, 1892. Serial No. 453,835. (No model.)

To all whom it may concern:

Be it known that I, THOMAS N. ROGERS, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Strengthening-Strips, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in strengthening strips for use upon trunks and analogous articles, and my new strengthening strip serves not only to replace the wooden strip but also as a corner protection to take the brunt of the 15 knocks as the trunk is pitched from place to place.

My improved strip comprises a sheet metal corrugated strip with a backing or filling in the corrugation thereof, the strip having a cor- 20 rugation at right angles to the main corruga- tion to serve at a corner not only to strengthen the trunk at the corner but to protect the same upon both sides of the corner.

25 Other objects and advantages of the inven- tion will hereinafter appear and the novel features thereof will be specifically defined by the appended claims.

30 The invention is clearly illustrated in the accompanying drawings, which, with the let- ters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a vertical cross section through a trunk provided with some of my strength- 35 ening strips. Fig. 2 is an enlarged cross sec- tion through the strip.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the draw- 40 ings by letter, A designates a strip of metal, preferably sheet metal, shaped in any suit- able manner to form a corrugation or convex portion a running longitudinally thereof and which corrugation may be of any desired size 45 relatively to the width of the metal strip, the corrugation being preferably though not nec- essarily in the center of the strip and leaving portions a' to lie flat against the body of the trunk and perforated to receive the means 50 which are employed to fasten the same in place.

B is a strip, of any suitable material, pref-

erably wood, fitted to the corrugation as shown and this may be held therein in any suitable manner, as by brads, or analogous means b 55 which need be only of sufficient length to hold the parts against separation. In order to fur- ther protect the corner and extension as is provided which may be of greater or less length as seen in Fig. 2 and formed between 60 the same and the corrugation a with an addi- tional corrugation a^3 at right angles to the corrugation a as seen in Fig. 2, and in this corrugation, which may be smaller or larger 65 than the corrugation a , as may be deemed best, is secured a backing or filling C, prefer- ably of wood as seen in said Fig. 2 and in the forms of strips at the corners in Fig. 1 in which is shown a section of a trunk provided with 70 some of my strips.

The strips thus constructed can be placed 75 upon the market in lengths and readily ap- plied by trunk manufacturers or by anyone else; they may be employed to replace split and damaged wooden strips upon trunks in use. The metal portion may be formed of 80 steel, iron, brass, gun metal or any desired material and may be as ornamental as de- sired. The metal protects the backing or fill- ing and prevents breakage thereof, and the 85 backing or filling prevents disfiguration and breakage of the metal at the corrugations.

What I claim as new is—

1. A metallic strengthening strip having contiguous parallel corrugations at right an- 85 gles to each other and plain securing por- tions beyond the corrugations at right angles to each other and in the plane of the base of the adjacent corrugation, substantially as specified. 90

2. A metallic strengthening strip having contiguous parallel corrugations at right an- 95 gles to each other and plain securing portions beyond the corrugations at right angles to each other and in the plane of the base of the adjacent corrugation, with fillings held in said corrugations, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS N. ROGERS.

Witnesses:

CHAS. H. KLINE,
CECILIA L. KLINE.