

(No Model.)

2 Sheets—Sheet 1.

W. A. LIST.
PACKAGE FOR ROOFING MATERIAL.

No. 464,792.

Patented Dec. 8, 1891.

FIG. 1.

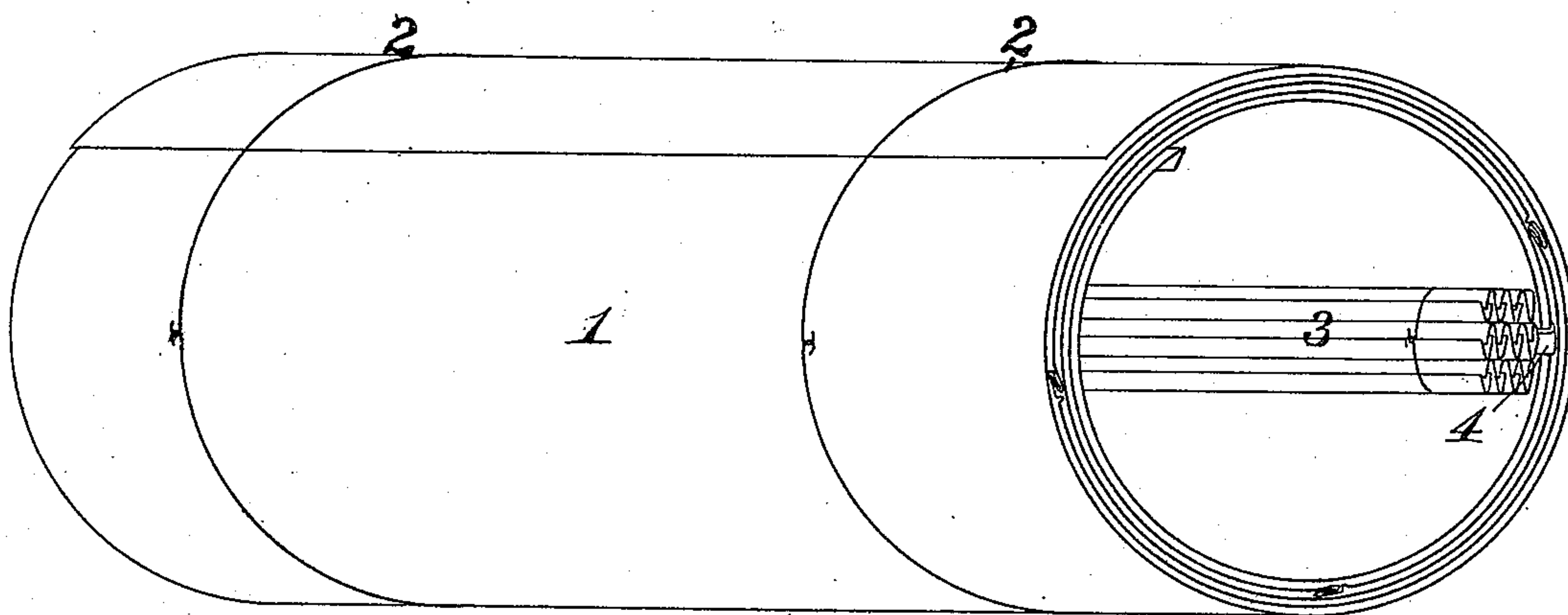
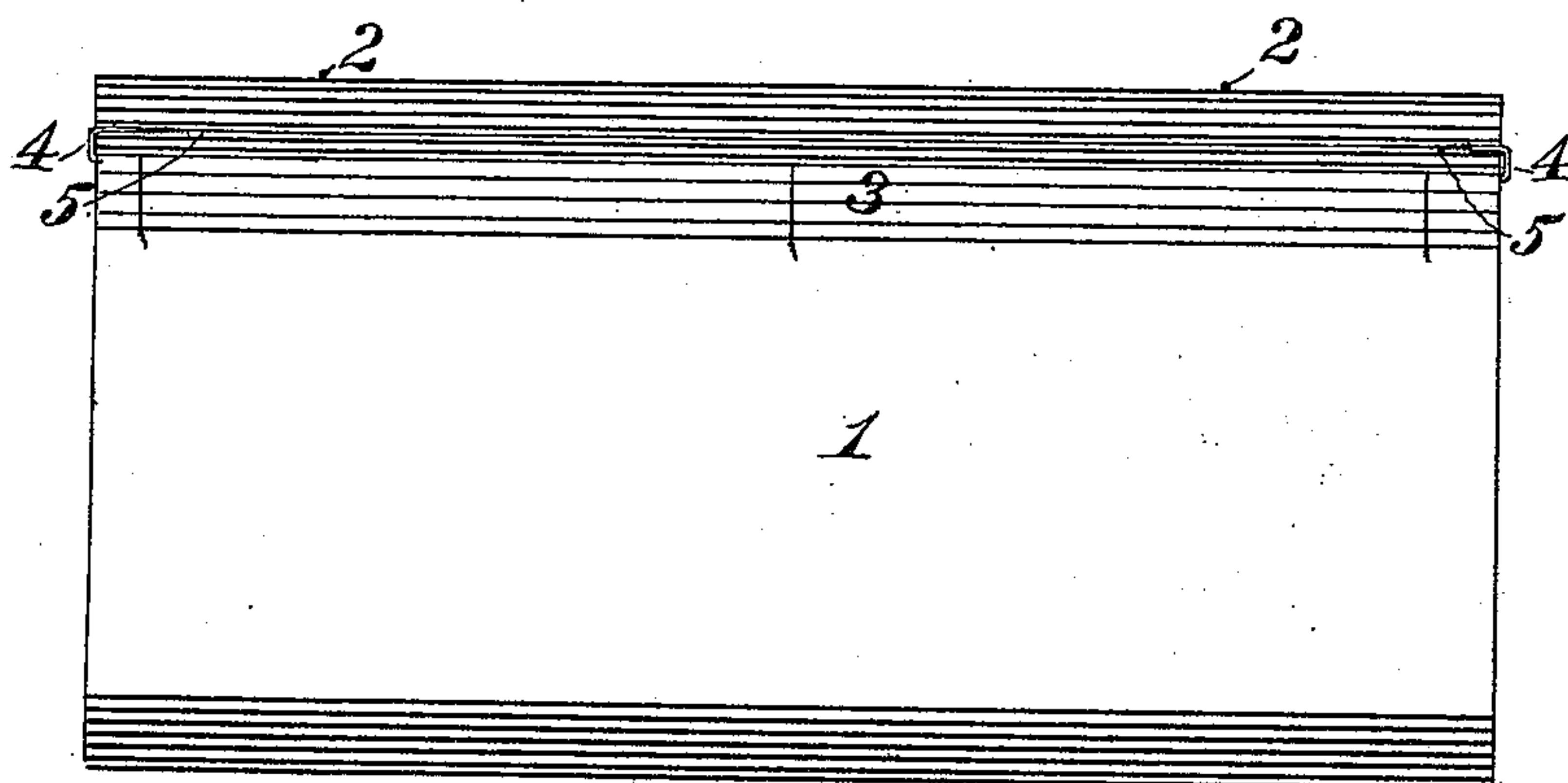


FIG. 2.



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2 Sheets—Sheet 2.

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FIG. 3.

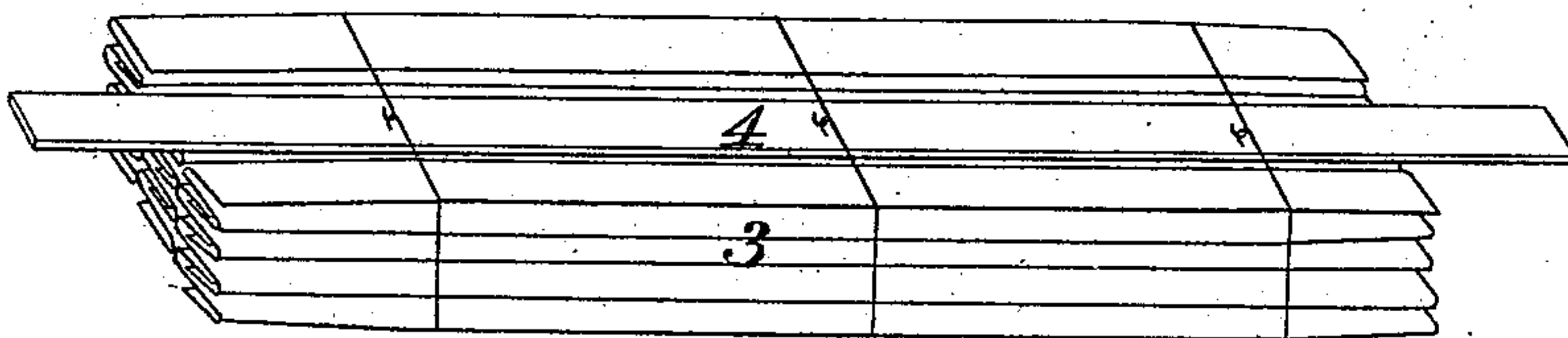


FIG. 4.

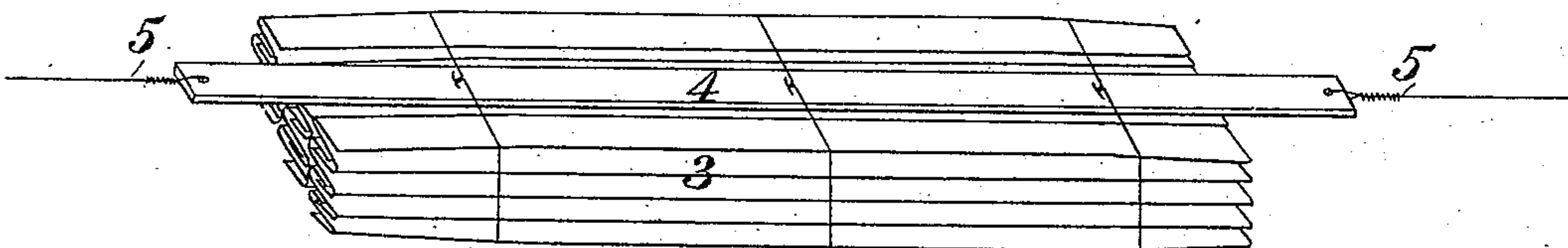


FIG. 5.

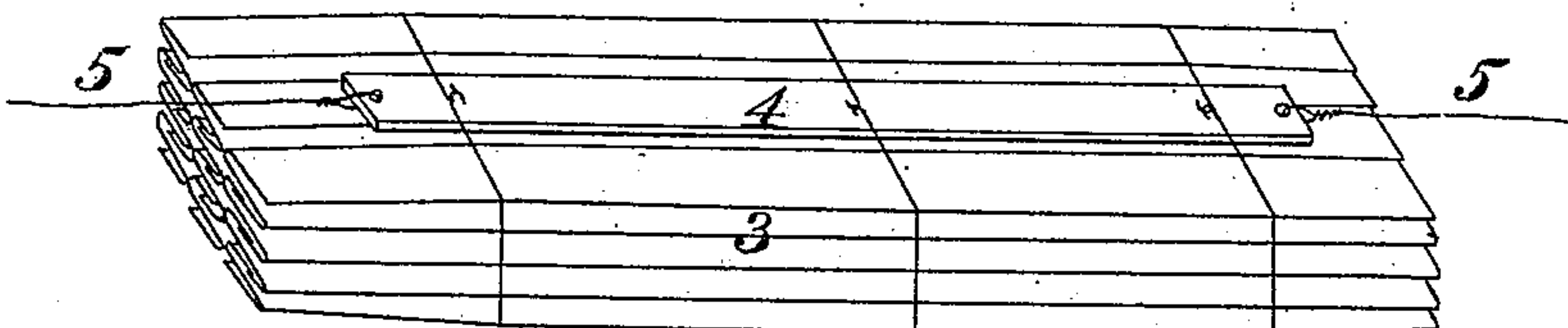
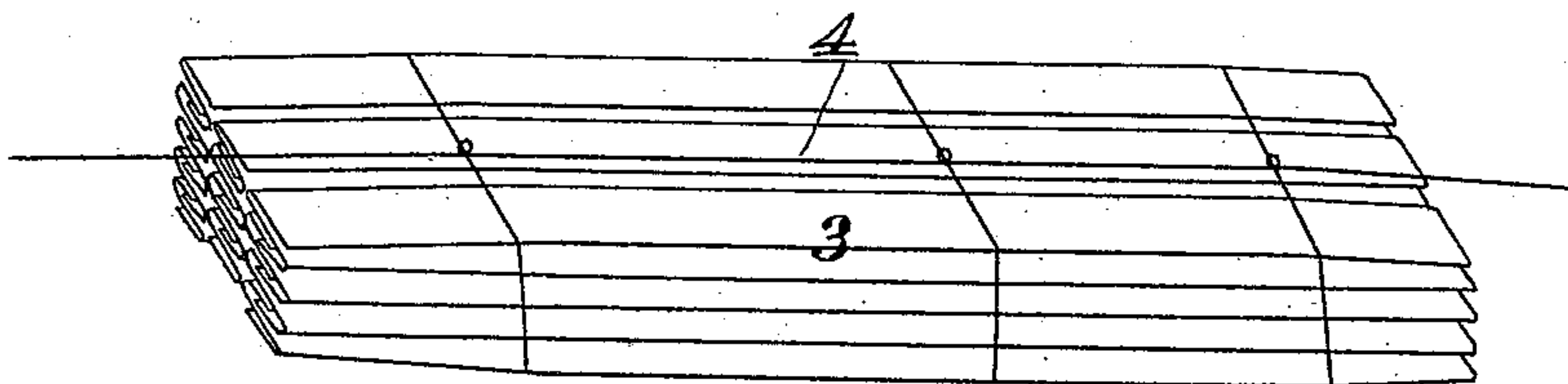


FIG. 6.



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UNITED STATES PATENT OFFICE.

WILLIAM A. LIST, OF WHEELING, WEST VIRGINIA.

PACKAGE FOR ROOFING MATERIAL.

SPECIFICATION forming part of Letters Patent No. 464,792, dated December 8, 1891.

Application filed August 31, 1891. Serial No. 404,224. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. LIST, a citizen of the United States, residing at Wheeling, in the county of Ohio and State of West Virginia, have invented or discovered certain new and useful Improvements in Packages for Roofing Material, of which improvements the following is a specification.

The invention described herein relates to certain improvements in packages for metallic roofing and other like material which is formed into a hollow roll or cylinder for shipment or storage. It is customary to send with each roll of roofing a package or bundle of "trimmings" consisting of caps, anchors, nails, &c., which are usually packed in a box or bundle independent of the roll of roofing material.

The object of this invention is to provide for securing the bundle of trimmings within the roll of roofing material, thereby rendering it certain that the trimmings shall always accompany the roofing material.

In general terms the invention consists in the arrangement and combination substantially as hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of my improved package. Fig. 2 is a sectional elevation of the same, and Figs. 3, 4, 5, and 6 are perspective views illustrating different ways in which the bundle of trimmings may be prepared for attachment to the roll of roofing material.

As shown in Figs. 1 and 2, the sheet metal for roofing is rolled into a hollow roll or cylinder 1 and secured in such form by bands of wire 2, as shown in Figs. 1 and 2. The trimmings are arranged in a compact bundle 3, preferably of a length not exceeding the length of the roll 1. A strip 4, formed of metal or wood, is incorporated with this bundle, as shown in Figs. 2, 3, 4, and 5, or a wire may be attached to the bundle, as shown in Fig. 6. The bundle thus prepared is placed inside of the roll, as shown in Fig. 2, and the projecting ends of the strip 4, which, when formed of metal, are preferably made somewhat longer than the bundle 3, are bent around the end

of the roll. When the strip 4 is made of wood or other rigid material, wires 5 are attached to the ends of the strip 4, and when the bundle is in position the wires are passed around the outside of the bundle and secured together. When wire alone is used, as shown in Fig. 6, the ends thereof are passed outside of the roll and the ends twisted together. It is preferred to place the bundle 3 in position, when the roll 2 is partly formed, so that a number of layers of the roofing material may be wound outside of the turned-over ends of the strip 4 or the tie-wires 5, as shown in Fig. 2. If desired, the turned-in ends of the strip 4 may be tied together by wire, as shown in Fig. 2. The turned-over ends of the strip 4 or the tie-wires 5, when employed, not only serve to secure the bundle of trimmings in place, but also prevent the inner layers of the roll from sliding out or "telescoping," as it is termed, when the roll is dropped, so that one edge thereof will strike first.

I claim herein as my invention—

1. In a package, the combination of a hollow roll, a bundle arranged within said roll, and a tie-strip extending from said bundle around the ends of the roll, substantially as set forth.

2. In a package, the combination of a hollow roll, a bundle arranged within said roll, and a tie-strip extending from said bundle around the ends and united outside of one or more layers forming said roll, substantially as set forth.

3. In a package, the combination of a hollow roll, a bundle arranged within said roll, and a tie-strip extending from said bundle around the ends of the roll and united outside of one or more layers forming said roll, such united ends being covered by one or more layers of said roll, substantially as set forth.

In testimony whereof I have hereunto set my hand.

WILLIAM A. LIST.

Witnesses:

DARWIN S. WOLCOTT,
R. H. WHITTLESEY.