(No Model.)

W. H. WRIGHT.

FABRIC FOR VENTILATED PACKAGES.

No. 514,610. Patented Feb. 13, 1894.

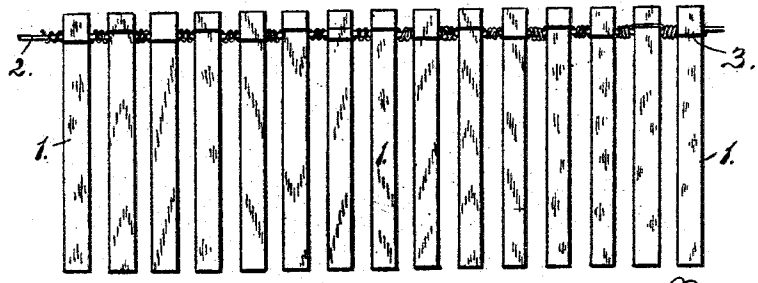


Fig. 1.

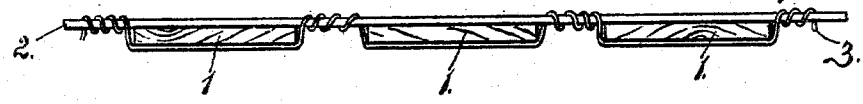


Fig. 2.

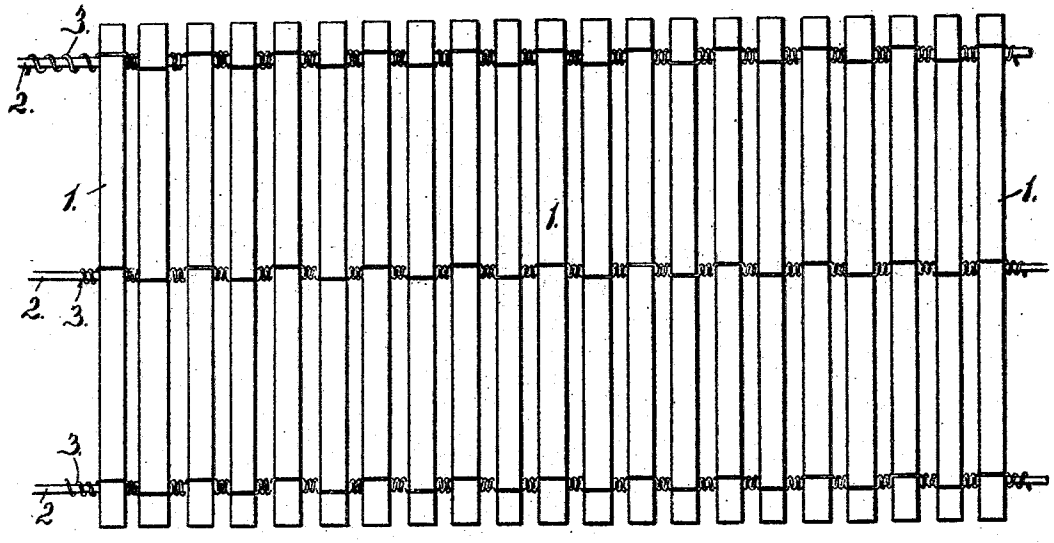


Fig. 3.

Witnesses:
Geo. P. Wightman
Chas. E. Bradshaw

Inventor
William H. Wright.
By Miller and Hoddick.
Attorneys.

THE NATIONAL LITHOGRAPHING COMPANY,
WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM H. WRIGHT, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF TO JOSEPH WEBER, OF SAME PLACE.

FABRIC FOR VENTILATED PACKAGES.

SPECIFICATION forming part of Letters Patent No. 514,610, dated February 13, 1894.

Application filed October 9, 1893. Serial No. 487,644. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. WRIGHT, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Fabrics for Ventilated Packages; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

My invention relates more particularly to the manufacture of slatted or ventilated barrels, baskets or other packages.

The object of my invention is the production of an improved form of slatted fabric which is to constitute the sides of barrels, baskets or other analogous forms of packages and to that end it consists of a series of slats having one or more transverse wires secured thereto by binding wires in a peculiar manner which will be more fully hereinafter described and claimed.

In the drawings. Figure 1 is a side elevation of one form of my improved slatted fabric suitable for baskets. Fig. 2 is an enlarged top plan view of Fig. 1, and Fig. 3 is a side elevation of another form of my improved slatted fabric suitable for barrels.

Referring to the drawings. 1. 1. are a series of wooden slats of uniform configuration, and separated from each other at uniform distances.

2 is a wire arranged in a transverse direction across the slats and secured thereto. There may be one or more of these wires as occasion demands and they are preferably spring-wires of sufficient elasticity to permit of the fabric being bent to form the sides of the package. The arrangement of parts thus far described is well known and my invention lies in the peculiar manner in which I secure the slats 1 to the transverse wires 2. This I accomplish in the following manner. The lighter flexible binding wire 3 is wound around the wire 2 between two of the slats in one direction say to the right for one or more turns and then passed across the face of a slat at right angles thereto below the wire 2. It is then wound around the wire 2 in an opposite direction or to the left and again passed across the face of the next slat at right angles but above the wire 2. I continue in this manner reversing the turns and passing the binding wire across the slats alternately above and below the wire 2 until the requisite number of slats have been secured to the wire 2 to form the sides of the package.

In the case of a basket the fabric shown in Fig. 1 is bent into shape and the lower free ends are secured to a bottom with an inclosing hoop around them to keep them securely in place.

In the case of a barrel the fabric shown in Fig. 3 provided with upper, lower and central wires 2 is bent in the form of a cylinder and secured to the heads in a similar manner.

Other styles of packages such as boxes and crates can be formed from this fabric in any well known manner.

I am aware of a fabric of a construction similar in some respects to mine in which the binding wire is twisted around the wire 2 always in the same direction and crosses the slats uniformly in a diagonal direction from the top to the bottom of the spring wire which results in the uniform canting of the slats thereby requiring a readjustment of the slats to their proper position in forming the package. In my improved arrangement of the binding wire which crosses the slats at right angles and alternately above and below the binding wire I am enabled to hold the slats in their proper position at right angles to the wire 2 and consequently no re-adjustment is necessary. Again in alternating the direction in which my binding wire is wound around the wire 2 between the slats, the twist of the binding wire occasioned by winding it in one direction is taken out when the wire is wound in the opposite direction thus enabling me to use my wire direct from the reel without the intervention of special devices between the reel and the fabric, which is the case where the binding wire is wound continuously in one direction.

Other styles of slats than those shown can

be employed if desired as for instance those which widen from each end toward the center in making barrels, the method of securing them together being the same.

I claim—

A slatted fabric for forming the sides of ventilated packages consisting of a series of slats, one or more transverse wires and a binding wire for securing the slats to the transverse wire or wires, which is wound around the transverse wire between two of the slats in one direction for one or more turns, then passed across the face of a slat at right angles thereto below the transverse wire, then wound around the transverse wire between the next two slats in the opposite direction and passed across the face of the next slat at right angles thereto and above the transverse wire, the binding wire thus alternating in direction around the transverse wire and in position across the slats substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM H. WRIGHT.

Witnesses:
O. E. HODDICK,
W. T. MILLER.