

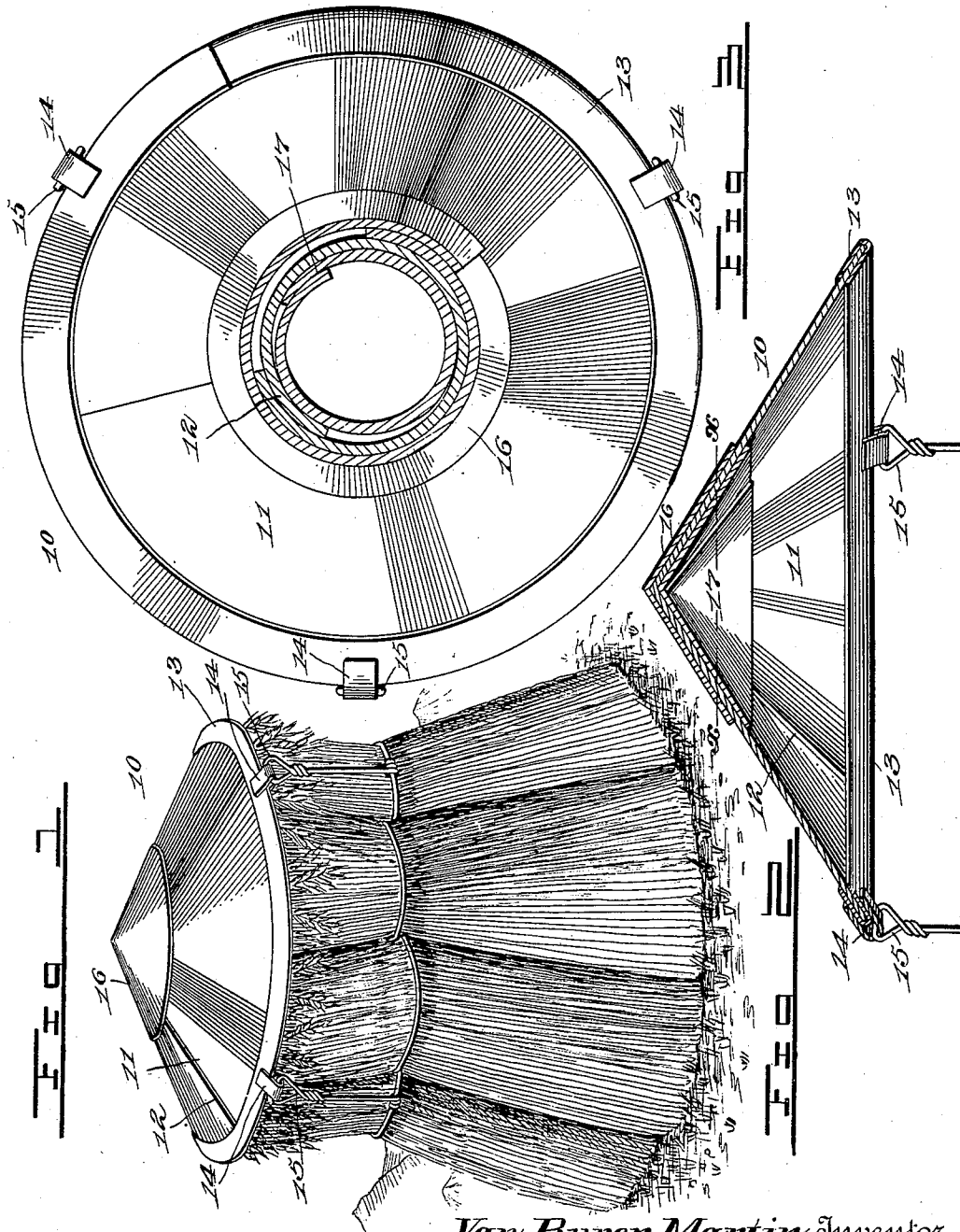
No. 691,318.

Patented Jan. 14, 1902.

VAN BUREN MARTIN.
COVER FOR GRAIN SHOCKS, &c.

(Application filed Apr. 30, 1901.)

(No Model.)



Van Buren Martin Inventor

By

E. G. Siggers

Attorney

Witnesses
John Maupin.
B. L. Foster.

UNITED STATES PATENT OFFICE.

VAN BUREN MARTIN, OF HOPKINSVILLE, KENTUCKY, ASSIGNOR OF ONE-HALF TO THOMAS L. METCALFE, OF HOPKINSVILLE, KENTUCKY.

COVER FOR GRAIN-SHOCKS, &c.

SPECIFICATION forming part of Letters Patent No. 691,318, dated January 14, 1902.

Application filed April 30, 1901. Serial No. 58,179. (No model.)

To all whom it may concern:

Be it known that I, VAN BUREN MARTIN, a citizen of the United States, residing at Hopkinstown, in the county of Christian and State of Kentucky, have invented a new and useful Cover for Grain-Shocks and the Like, of which the following is a specification.

The present invention relates to covers for grain and similar shocks or stacks; and one object is to provide a simple and inexpensive article of this character that may be readily applied to a shock and will protect the same from the elements.

A further object is to provide a construction in which cheap material may be employed, but which is so braced and reinforced that it will be durable and capable of withstanding severe weather and rough handling.

To the accomplishment of these objects the construction herewith presented is the one preferred; but such changes may be made therefrom as are within the scope of the appended claims.

In the drawings, Figure 1 is a perspective view of a grain-shock protected by the improved cover. Fig. 2 is a sectional view, on an enlarged scale, of the cover detached. Fig. 3 is a horizontal sectional view taken on the line X X of Fig. 2.

Similar numerals of reference designate corresponding parts in all the figures of the drawings.

In the construction illustrated in the drawings the cover is shown in the form of a conical cap 10; but it will be understood that it is not necessarily limited to this shape. This cap comprises a sheathing 11, preferably constructed of a single piece of tarred paper, felt, or other material, the ends of which overlap, as at 12, and are secured together by any well-known waterproof cement. In this manner a thoroughly-waterproof roof is provided. The outer edge or eaves of the sheathing is protected and reinforced by a binding-strip 13, which in the present form is shown as being bent over and engaging both the upper and under faces of the edge. To this binding-strip eyes 14 are secured, which project beyond the edge of the same, and holding devices 15, preferably in the form of wires, are pivotally secured therein.

In order to insure a water-tight joint at the apex of the sheathing 11, a reinforcing-cap 16 is provided, which is conical in form and is constructed of a single piece, the ends of which overlap and are connected together. This cap 16 is secured to the exterior face of the sheathing 11, and its joint is located out of alignment with the joint of said sheathing, thus insuring a tight joint at the apex. In like manner to prevent the inward collapsing of the roof-sheathing a reinforcing-cap 17, similar to the cap 16, is arranged within and secured to the inner face of the apex of the sheathing 11, whereby a stable roof is provided.

The manner of applying the device to a shock is clearly illustrated in Fig. 1. The cap is placed over the upper end of the shock, and the lower ends of the holding devices 15 are fastened to the binders of certain bundles. In this manner the cover is fastened securely to the shock and assists in binding the same together, so that there is very little chance of it being destroyed or blown down by heavy winds or storms.

A further advantage resides in the structure whereby cheap material, such as tarred paper or felt, can be employed, the same being protected at its edges by the binding-strip, to which the fastening devices are secured, so that there is no danger of the material being torn by the strain of said fasteners. Furthermore, the caps serve to reinforce the apex of the device, and by breaking the joints all leakage at this point is avoided.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

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

1. In a cover of the class described, the combination with a sheathing tapering to an apex, of a protective binder secured to the edge of the sheathing and engaging the outer and in-

ner faces of the same, eyes secured to the binder-strip against movement peripherally thereon and projecting beyond the edges of said strip, and fastening devices passing 5 through the projecting portions of the eyes.

2. In a cover of the class described, the combination with a roof-sheathing, of a protective binder secured over the edge of the same and engaging both the exterior and interior faces 10 of the sheathing, said binder being provided with eyes rigidly fixed with relation to the strip, and fastening devices secured in the eyes of the binder.

3. In a cover of the class described, the combination with a roof-sheathing, of a protective binder secured over the edge of the sheathing and engaging both the inner and outer faces thereof, said binder having eyes that terminate short of the inner edge of the same. 15

4. In a cover of the class described, the combination with a conical roof-sheathing made of a sheet having an overlapping joint extend- 20

ing from the apex to the edge thereof, a conical cap covering the apex and having an overlapping joint located out of alignment with 25 the joint of the roof-sheathing, a reinforcing-cap fitting snugly within and secured to the inner face of the apex, said reinforcing-cap having an overlapping joint which is located out of alignment with the joint of the roof- 30 sheathing, a protective binder secured over the edge of the roof-sheathing and engaging both the exterior and interior face thereof, said binder being provided with eyes rigidly fixed with relation to the strip, and fastening 35 devices secured in the eyes of the binder.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

VAN BUREN MARTIN.

Witnesses:

CHAS. P. NOLEN,
J. L. NOLEN.