J. B. EATMAN.
SCUTTLE FOR BARRELS.
No. 399,657. Patented Mar. 19, 1889.

Witnesses,
G. M. Cofield
Anzy Rawlings

Inventor,
J. B. EATMAN.

Attorney,
To all whom it may concern:

Be it known that I, Joseph B. Eatman, of Charleston, in the county of Charleston and State of South Carolina, have invented certain new and useful Improvements in Scuttle for Crude-Turpentine Barrels; 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.

My invention relates to an improvement in scuttles for crude-turpentine barrels. Hitherto it has been the practice in collecting crude turpentine to place it in roughly-constructed barrels made from an inferior class of pine staves or in second-hand barrels with an incision cut in one head, generally diamond shape and about in the center of the head. From the opening and shape of this opening the barrel could not be drained of its contents sufficiently clean without the destruction of the head, which was a more or less expensive operation, involving, besides, the waste of considerable crude gum; and this operation had to be repeated as often as the contents were poured out, either at the market or the still.

The object of my present invention is to overcome this difficulty; and with this end in view it consists in certain features of construction and combinations of parts, as will be hereinafter fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is an end view of barrel, showing the lid in the scuttle. Fig. 2 is an end elevation with the lid removed; and Fig. 3 is a detached view of the stay-plate.

A represents a barrel, and B one of its heads. From a point near the center of the head to the edge a scuttle, C, is cut, preferably of rectangular form. A lid, D, is made conformable to the shape and size of the scuttle and adapted to be inserted in the latter; and to prevent the lid from dropping in cross-strips or cleats a are secured at different points on the lid, with their ends projecting beyond the edges of the latter, and buttons b, pivoted on the head adjacent to the edge of the scuttle, are adapted to be turned over the lid to hold it in place in the scuttle or be turned in the other direction to permit the ready removal of the lid. A cord, wire, or similar means, e, is passed loosely through holes d in the head B and lid D in order to prevent an accidental displacement of the lid. Now, it is essential that the scuttle should extend to the edge or periphery of the head, so as to allow the contents of the barrel to flow out readily; but this takes away a large amount of the strength of the head, so that it would have a constant tendency to collapse; and to counteract this I resort to the use of a stay-plate, E, which consists of a piece of metal curved to conform to the inner wall of the barrel and provided at or near its ends with stops e. These stops are located a distance apart equal to the width of the scuttle, and they are formed by cutting two slits in the end of the plate and bending up the portion between the slits, so that they lie close against the edge of the scuttle, holding the edges separated and preventing the head from collapsing, while the portions e' formed outside of the slits, lie against the inner and outer edge of the head, respectively. One edge of the plate is flush with the chine of the staves. It will be seen from the construction that not only is the head held from collapsing, but also the stay-plate helps to hold it in place. The head is still further strengthened by a rib, G, nailed across the head inside or outside and across the grain.

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

The combination, with a barrel having a scuttle formed in one head of the barrel and extending to one edge thereof, and a stay-plate, E, secured to the inner wall of the barrel near the chine, said stay-plate having stops e, formed integral therewith, which engage the walls of the scuttle adjacent to its outer edge, of a lid constructed to be removably secured to the head of the barrel and cover the scuttle, substantially as set forth.

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

Joseph B. Eatman.

Witnesses:

I. C. Inabnett,
George S. Brown.