

No. 852,256.

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J. T. BOYD.
SCRAPING ATTACHMENT FOR BUCKETS.
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Fig. 1.

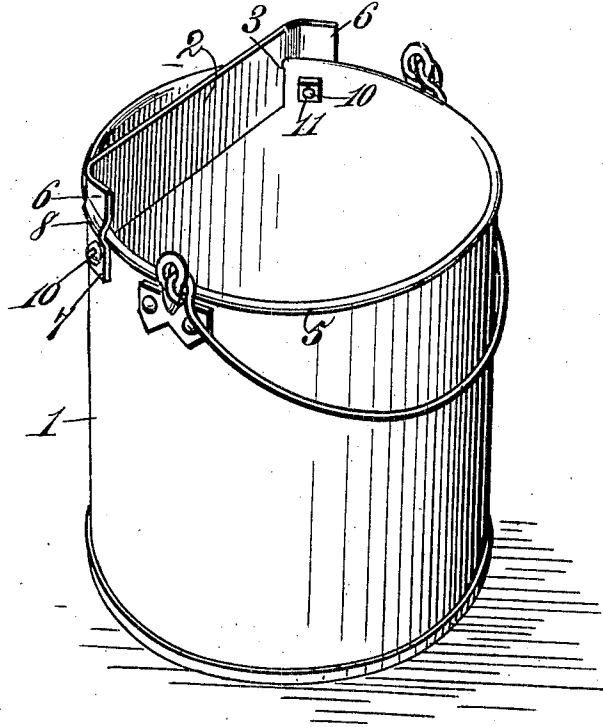
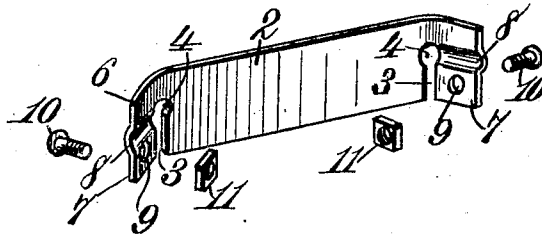


Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN T. BOYD, OF VALDOSTA, GEORGIA.

SCRAPING ATTACHMENT FOR BUCKETS.

No. 852,256.

Specification of Letters Patent.

Patented April 30, 1907.

Application filed February 6, 1907. Serial No. 356,051.

To all whom it may concern:

Be it known that I, JOHN T. BOYD, a citizen of the United States, residing at Valdosta, in the county of Lowndes and State of Georgia, have invented new and useful Improvements in Scraping Attachments for Buckets, of which the following is a specification.

This invention relates to scraping or cleaning attachments for buckets or pails, and particularly that class of devices known as dip buckets used for gathering gum from trees for the manufacture of turpentine and the like.

The improved attachment is simple in its structure and may be readily applied to an ordinary bucket without modifying the structure of the latter and will not readily become detached.

The improved attachment consists of a strip of metal with slotted and angularly deflected extremities, the said extremities having such contour as to snugly embrace the rim portion of the bucket, and are apertured to receive securing devices which also extend through the adjacent portions of the rim of the bucket.

In the drawings: Figure 1 is a perspective view of a bucket showing the improved attachment applied thereto. Fig. 2 is a detail perspective view of the attachment and the preferred securing means therefor.

Similar characters of reference are employed to indicate corresponding parts in the views.

The numeral 1 designates a bucket or pail of that type usually employed in gathering gum from trees for the manufacture of turpentine. The attachment consists of a strip 2 of suitable metal having slots 3 at opposite extremities opening through the lower edge and enlarged at their upper terminals, as at 4, to receive the bead 5 usually located at the upper edge or rim of the bucket 1. The opposite ends 6 of the strip 2 are deflected obliquely with relation to the strip 2 to permit the said strip to be tangentially disposed on the bucket and the said ends to conform to the curvature of the bucket and snugly embrace the rim of the latter. The slots 3 provide securing tongues 7 in the ends 6, said tongues having upper transverse corrugations 8, one in each, to fit over the bead 5 of the bucket, and below these corrugations

openings 9 are formed in said tongues and are adapted to coincide with similar openings in the rim portion of the body of the bucket. Small bolts 10, having cooperating nuts 11 are used to secure the attachment to the bucket, and in assembling the attachment with relation to the bucket it is forced downwardly over the bucket rim, the lower open portions of the slots 3 being first brought into coincidence with the bead 5, and the latter occupying the upper enlarged portions 4 of the slots when the attachment is fully depressed. The angularly deflected ends 6, including the tongues 7, will then bear against the outer surface of the rim portion of the bucket, and the attachment is immovably held on the bucket by inserting the bolts 10 through the openings 9 and the corresponding openings in the bucket and applying the nuts 11. When the attachment is applied the side edges thereof are in vertical alignment and the greater part of the attachment is within the confines of the upper portion of the bucket or pail, and by using a single strip of material to construct the attachment and slotting said strip transversely and having the slots opening through one side edge, the necessity of securing independent devices to the strip for attaching the latter to the bucket or pail is avoided. By thus applying the improved scraping and cleaning attachment it will be seen that access to the bucket will not be in the least obstructed and, furthermore, the interior of the bucket will be almost entirely free of projections and angles which would be detrimental in retaining portions of the gum or other material moving downwardly over the scraping attachment.

The bucket with the improved scraping attachment applied thereto is carried about in a pine grove and filled with crude turpentine dipped from the boxes cut in or attached to the trees.

The improved attachment can be removed from one bucket and applied to another when found necessary, and in view of the simple construction of the several parts of the attachment the cost of application is reduced to a minimum.

The dipping devices, or the implements used in gathering the gum, can be readily cleaned by drawing them over the upper edge of the attachment, said edge being held at an elevation above the bead 5 or rim of the

bucket, and the gum or other material thus removed will flow downwardly over the attachment and drip into the bucket.

Having thus described the invention, what is claimed, is:

1. The combination with a bucket, of a scraping attachment consisting of a strip of material having slots extending transversely thereof near opposite extremities and angularly deflected at the slots to embrace the outer portion of the rim of the bucket, the strip being disposed in the bucket to have the side edges thereof in vertical alinement, and securing means engaging the angularly deflected extremities and the adjacent portions of the bucket.

2. The combination with a bucket, of a scraping attachment consisting of a strip of material having slots adjacent to opposite extremities opening through the lower edge thereof and also provided with angularly deflected extremities to bear against the outer surface of the upper rim portion of the bucket, the strip being disposed to have the side edges thereof in vertical alinement with relation to the bucket and the greater portion within the confines of the upper part of the bucket, and securing means inserted

through the angularly deflected extremities and adjacent portions of the bucket.

3. The combination with a bucket, of a scraping attachment consisting of a strip of material having the opposite extremities slotted and angularly deflected, the slots opening through the lower edge of the strip and the angularly deflected portions of the extremities having corrugations extending thereover to receive the upper edge portion of the bucket, the strip when applied having the opposite side edges in vertical alinement and the angularly deflected extremities bearing against the outer surface of the bucket and the remaining part of the strip located within the confines of the upper portion of the bucket, and means for removably securing the angularly deflected extremities against the outer surface of the upper or rim portion of the bucket.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN T. BOYD.

Witnesses:

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R. D. STEVENS.