

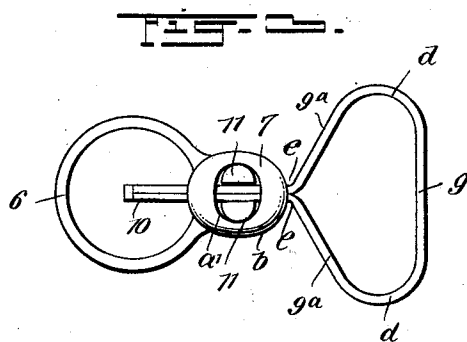
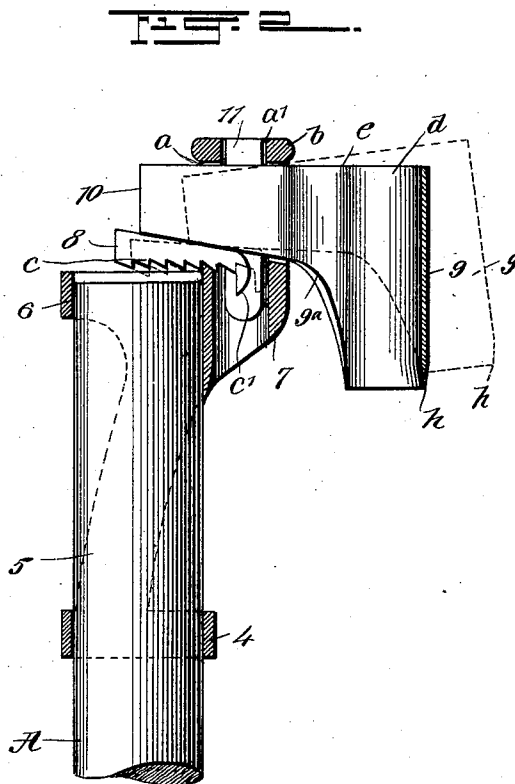
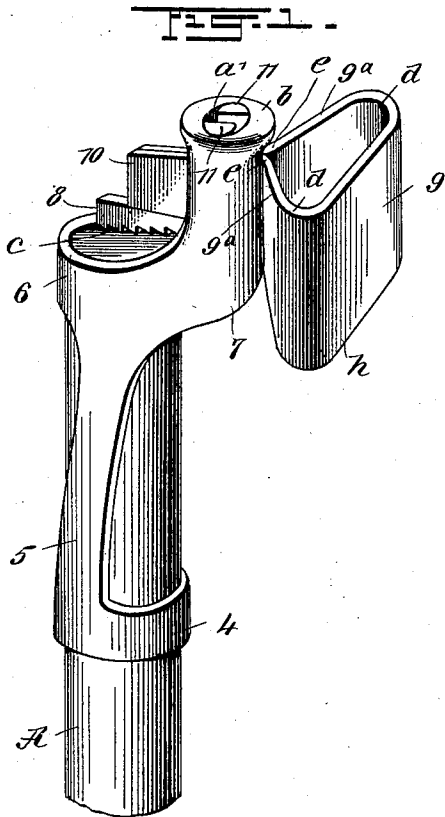
No. 686,590.

Patented Nov. 12, 1901.

J. P. COUNCIL, JR.
TURPENTINE HACK AND SHAVE.

(Application filed July 2, 1901.)

(No Model.)



WITNESSES:

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JOHN PICKET COUNCIL, JR., OF WANANISH, NORTH CAROLINA.

TURPENTINE HACK AND SHAVE.

SPECIFICATION forming part of Letters Patent No. 686,590, dated November 12, 1901.

Application filed July 2, 1901. Serial No. 66,837. (No model.)

To all whom it may concern:

Be it known that I, JOHN PICKET COUNCIL, Jr., a citizen of the United States, and a resident of Wananish, in the county of Columbus and State of North Carolina, have invented a new and Improved Turpentine Hack and Shave, of which the following is a full, clear, and exact description.

This invention relates to a class of implements employed for hacking pine-trees and removing the crude turpentine-gum therefrom after it has exuded from the hacks.

The object of my invention is to provide a novel simple device of the class indicated which is adapted for adjustment of the cutting-blade to project it more or less from the handle and afford means for holding the blade at a desired inclination from the handle.

The invention consists in the novel construction and combination of parts, as is hereinafter described, and defined in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improved implement. Fig. 2 is a sectional side view of the same, and Fig. 3 is a plan view of the device removed from the handle.

An elongated skeleton socket-piece is provided, comprising a circular band 4 of suitable diameter to receive a handle A. From the band 4 two integral side bars 5 extend upward and at their upper ends merge into the lower edge of the ferrule 6, which is designed to embrace the upper end of the handle A.

From the front of the ferrule 6 a hollow post 7 projects forwardly and upwardly from the same, and in the post a slot *a* is formed, which extends through said post from front to rear and above the upper edge of the ferrule 6, as shown in Fig. 2. A bead-like collar *b* is formed on the upper end of the post 7 and defines the upper termination of the transverse slot *a*, the lower termination thereof being near the upper edge of the ferrule 6.

In the slot *a* there is slidably located a wedge-like base-block 8, the lower edge of which is preferably furnished with teeth *c*,

that incline toward the outer or large end of the base-block, as shown in Fig. 2.

The knife or scraper bit 9 is formed of a strip of steel plate having suitable length and thickness, and, as plainly shown in Figs. 1 and 3, this single strip of metal at an equal distance from its ends is bent at two points *d d*, so as to produce curved corners at said points.

From the corners *d d*, which are spaced apart by the flat blade 9, the equal remaining portions 9^a of the blade material are bent toward each other and then in an opposite direction at an equal distance from said corners, producing the obtuse angular bends *ee* thereon, which afford two similar members for the scraper-bit shank 10 and are disposed laterally in contact with each other and projected at a right angle away from the plane of the blade 9. The shank 10 of the blade 9 is adapted to slide through the slot *a* from the front of the post 7 and be seated upon the base-block 8 when thus inserted.

At each side of the shank 10 the bore *a'* of the post 7 is widened by forming the bore ovate transversely, which affords room for the insertion within the spaces at each side of the shank of the two similar keys or wedges 11 11, that slightly taper endwise.

The base-block 8 may have a seated engagement of one of the teeth *c* thereon upon the beveled top edge of the dividing-wall between the bore of the post 7 and the bore of the ferrule 6, as shown in Fig. 2, which will serve to retain the base-block at a desired point of longitudinal adjustment, a toe *c'*, which depends from the inner end of the wedge-like base-block, preventing the base-block from accidental removal when it is moved outwardly to adjust it.

It will be seen that the change of adjustment which may be given to the base-block 8 longitudinally will permit the taper or slope of the lower side of the slot *a*, as defined by the upper side of the tapered base-block, to be increased or diminished somewhat, as is indicated by full and dotted lines in Fig. 2, and, as shown in said figure, the lower or cutting edge *h* of the blade 9 is slightly inclined outward and upward, which coacts with the wedge-like form of the base-block 8

to dispose the blade 9 in a desired upright position, the forcible insertion of the keys 11 securing the blade at any point of adjustment, either vertical or inclined outward at the bottom, as occasion may require.

Usually in the operation of hacking the bark of pitch-pine trees to cause a flow of sap—that is, crude turpentine therefrom—the blade 9 may with advantage be given a more or less inclined position, depending on the height the hack is to be made from the ground; but in using the device for shaving the partly-dried turpentine-gum from the bared surface of the trees at the hacks the blade may be adjusted in a nearly-vertical plane, as represented in Fig. 2 by full lines and also in Fig. 1.

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

1. A hack and shave, comprising a socket, a slotted post at the side of the socket and projecting from the upper end thereof, a hollow cutter having a lateral shank which is received in the slot of the post, and means for holding the cutter in the slot.

2. A hack and shave, comprising a socket having a hollow post, transversely slotted from front to rear, said post projecting from the front of the socket, a base-piece in wedge form seated in the slot, a hollow cutter having a lateral shank adapted to seat on the base-piece within the slot in the post, and keys adapted to slide in the post at the sides of the shank and hold the cutter on the post.

3. A hack and shave, comprising a socket having a band on the lower end, a ferrule on the upper end, and side bars joining the band and ferrule, a hollow post having a slot extended from front to rear through said post, and projecting from the front of the ferrule whereon it is formed, a wedge-like base-piece seated in the slot in the post and having teeth on its lower side, a hollow cutter having a flat blade, and a shank projected from members of the cutter away from and at a right angle to the plane of the blade, the shank oc-

cupying the slot in the post and resting on the base-piece therein, and two slightly-tapered keys insertible in the hollow post at the sides of the shank of the cutter, holding the blade thereof at a desired inclination.

4. A hack and shave, comprising a cutter having a shank, a receiver for the said shank, means acting to tilt the shank in the receiver to adjust the inclination of the cutter, and means for fastening the shank in the adjusted position.

5. A hack and shave, comprising a cutter having a shank, a handled receiver for the shank of the cutter, and a toothed wedge engaging the receiver and bearing against the shank to adjust the angular position of the cutter, and means to secure the shank as adjusted.

6. A hack and shave, comprising a cutter having a lateral shank, a socket for receiving a handle, and also receiving the shank of the cutter, means acting on the shank for adjusting the angular position of the cutter, and means for fastening the shank in the receiver.

7. A hack and shave, having a cutter provided with a lateral shank, a receiver for the shank said receiver being hollow, and having a transverse way for said shank, and a wedge acting on the shank, and serving to adjust the same vertically or incline it from a horizontal plane, the wedge having a toe to prevent its longitudinal displacement.

8. A hack and shave, comprising a socket, a post at the top of the socket and offset at a side thereof, a cutter having a shank held projecting from the post and extending transversely in the post so as to receive inclined adjustment, a wedge adapted to tilt the shank and means to secure the cutter as adjusted.

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

JOHN PICKET COUNCIL, JR.

Witnesses:

H. C. MOFFITT,
J. M. SHIPMAN.