

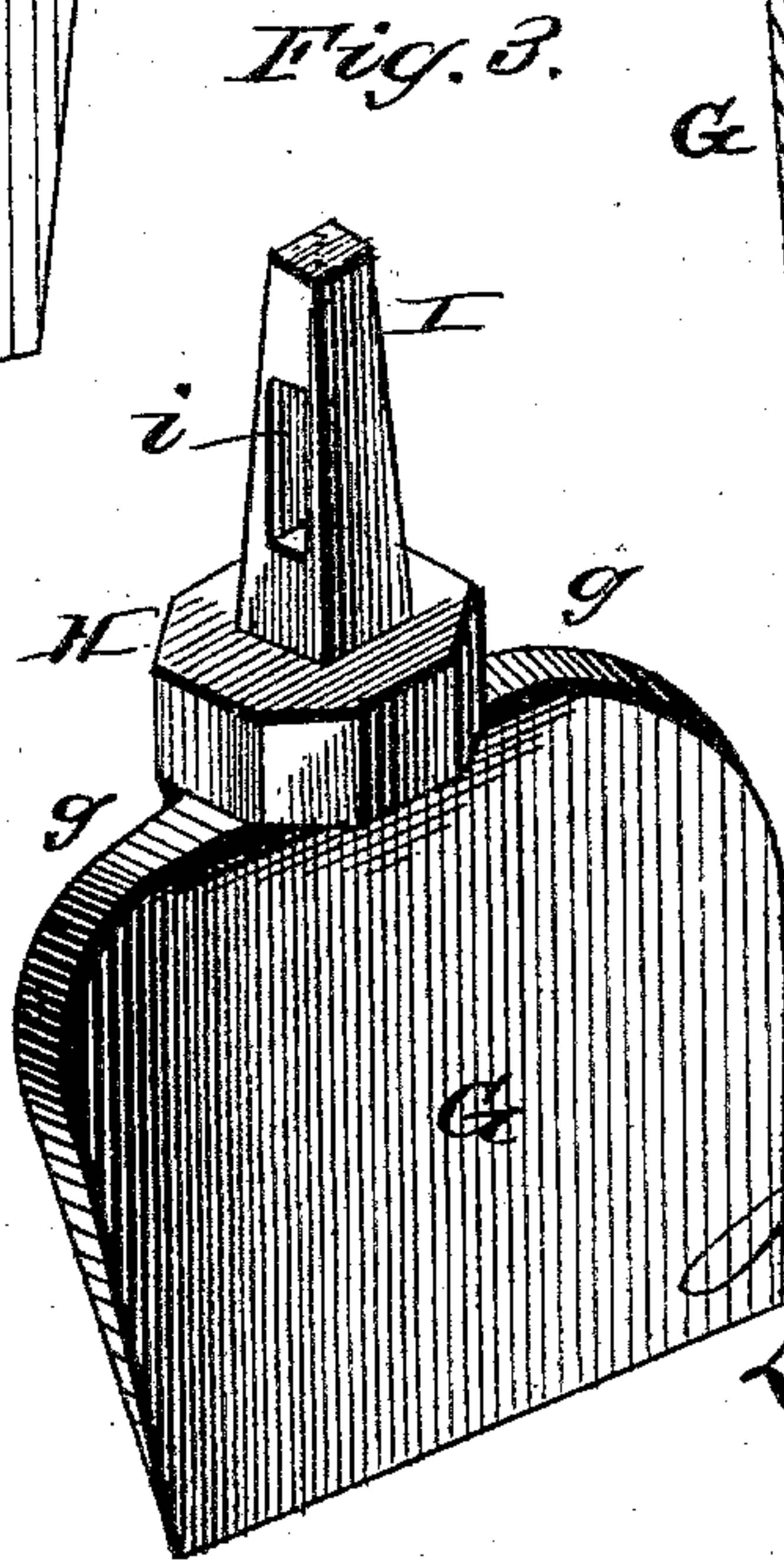
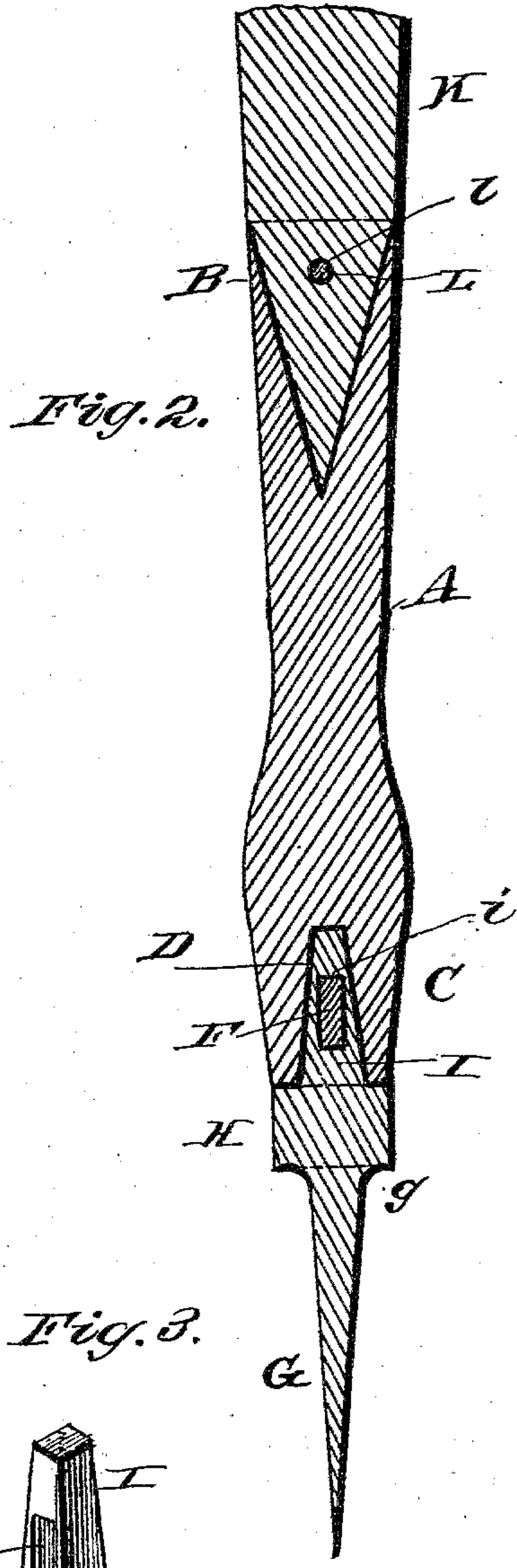
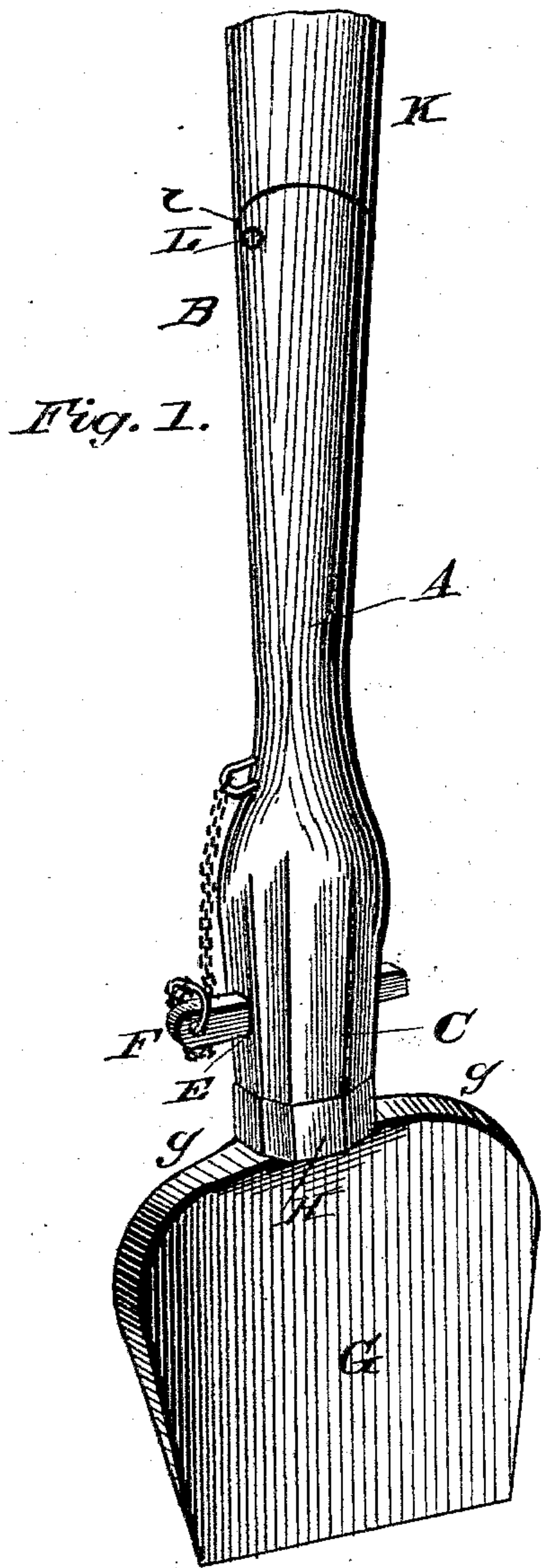
(No Model.)

J. MITCHELL.

TURPENTINE SCRAPER.

No. 281,110.

Patented July 10, 1883.



Witnesses:
Phil C. Dietrich.
Arthur L. Morell.

Inventor:
 Jas. Mitchell
By *Louis Bagon & Co.*
Attorneys.

UNITED STATES PATENT OFFICE.

JAMES MITCHELL, OF BILL, GEORGIA.

TURPENTINE-SCRAPER.

SPECIFICATION forming part of Letters Patent No. 281,110, dated July 10, 1883.

Application filed March 23, 1883. (No model.)

To all whom it may concern:

Be it known that I, JAMES MITCHELL, of Bill, in the county of Montgomery and State of Georgia, have invented certain new and useful Improvements in Turpentine-Scrapers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved turpentine-scraper. Fig. 2 is a longitudinal sectional view of the same, and Fig. 3 is a detail view of the blade removed from its socket.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to tools for scraping turpentine off virgin boxes—that is to say, for removing that portion of the turpentine which hardens on the tree before reaching the box; and it consists in the detailed construction of a tool which is specifically adapted for that purpose, as hereinafter more fully described and claimed.

In the accompanying drawings, A is a socket, made, by preference, of malleable iron of the shape clearly shown in the drawings—that is, slightly reduced at its middle part, and having a tapering socket, B, at one end, while its opposite end is shaped to form an octagonal collar, C, which is provided with a tapering central socket, D, square in cross-section, which said socket is intersected by slots E, adapted to receive a key or wedge, F.

G is a blade, which is made of steel, or of chilled iron with a steel edge. By preference I make this blade about six inches wide at the cutting-edge, gradually increasing the width to the swell, (marked *g*,) where the body of the blade should be a little wider—say about six and one-half inches. The swelled portion of the blade is rounded down to an octagonal nut, (marked H,) which has a tapering tenon, I, adapted to fit into the tapering socket D in the corresponding part of the part A. The tenon I

has a transverse slot, *i*, registering with the slots E in part A, and adapted to receive the key or wedge F, inserted through said slot. A wooden handle (shown at K) of any suitable length is inserted into the tapering socket B at one end of the part A, and is held in place removably by a pin or bolt, L, inserted through holes *l l* on opposite sides of the tapering socket B.

By making the blade G removable in the manner described a new plate may be substituted for an old and worn one, whenever necessary, simply by removing the key by which the blade is fastened to the shank; and, again, by making this shank of iron in the manner described, and of the shape shown in the drawings, it affords a convenient grip in handling the tool, and also makes the lower part of the tool heavier, so that it is much easier for the operator to work with than if the blade were inserted simply into the end of the wooden handle, as in the turpentine-scrapers now in general use. By removing the pin or bolt L handles of varying lengths may be inserted into the handle-socket B in the end of shank A without otherwise disturbing the arrangement of the other part of the implement.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The improved turpentine-scraper herein shown and described, consisting of the metal shank A, reduced at its middle part, to form a convenient grip, and having sockets B and D at opposite ends, said socket D intersected by slots E, in combination with the removable blade G, provided with nut H and tapering tenon I, having slot *i*, and key or wedge F, constructed and combined in the manner and for the purpose herein shown and specified.

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

JAMES MITCHELL.

Witnesses:

JAMES C. RYALS,

CHRISTOPHER C. RYALS.