

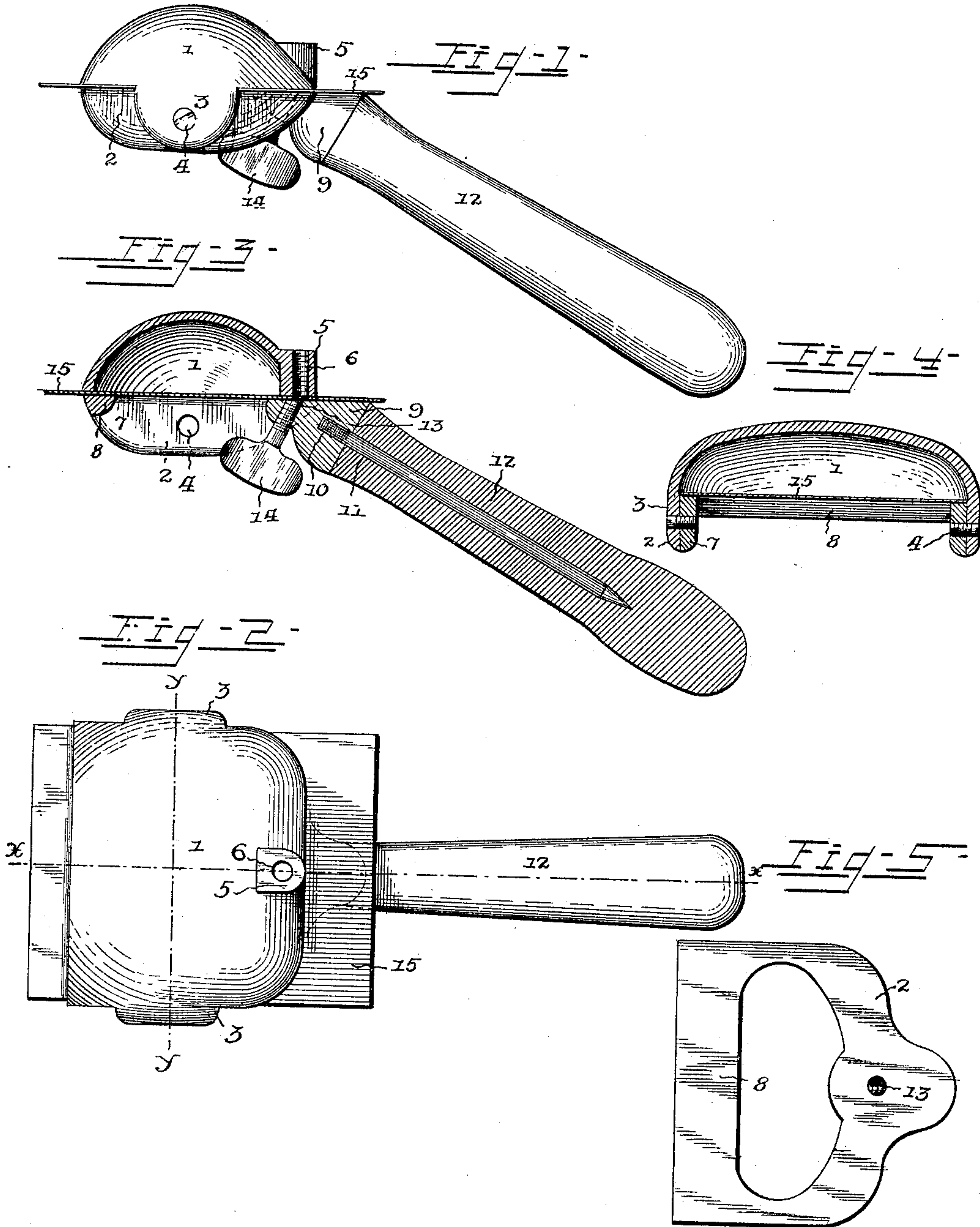
No. 619,131.

Patented Feb. 7, 1899.

C. L. BRITT.
WOOD SCRAPER.

Application filed May 13, 1898.)

(No Model.)



Witnesses:-
C. J. Young,
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By his Attorneys,

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UNITED STATES PATENT OFFICE.

CHESTER L. BRITT, OF LYNN, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO
REUBEN H. PAGE, OF SAME PLACE.

WOOD-SCRAPER.

SPECIFICATION forming part of Letters Patent No. 619,131, dated February 7, 1899.

Application filed May 13, 1898. Serial No. 680,571. (No model.)

To all whom it may concern:

Be it known that I, CHESTER L. BRITT, a citizen of the United States, residing at Lynn, in the county of Essex and State of Massachusetts, have invented a new and useful Wood-Scraper, of which the following is a specification.

This invention has relation to tools for finishing woodwork, and has for its object to devise a tool of this character which will not mar the finest finish and which enables corners to be reached and lightens the task to such an extent as to increase the capacity and output of the workman.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a side elevation of a scraper constructed in accordance with this invention. Fig. 2 is a top plan view thereof. Fig. 3 is a longitudinal section on the line X X of Fig. 2. Fig. 4 is a transverse section on the line Y Y of Fig. 2. Fig. 5 is a plan view of a part of the frame.

Corresponding and like parts are referred to in the following description and indicated in the views of the accompanying drawings by the same reference characters.

The frame or stock comprises parts 1 and 2, which are adapted to be detachably connected. The part 1 is approximately of concavo-convex form and is provided at its sides with ears 3, having transversely-alining openings, which are internally threaded to receive screws 4, by means of which the parts 1 and 2 are connected, the ears 3 embracing the sides of the part 2. A lug or protuberant part 5 is formed at one end of the part 1 and is provided with an internally-threaded opening 6, for a purpose presently to be described. By having the outer surface of the part 1 of con-

vex form the hand is enabled to obtain a purchase thereon without receiving painful injury, such as would result if sharp corners or angles existed, and whereby the operator is enabled to use the tool for a longer period of time without suffering fatigue, such as experienced when working with tools differently formed. The part 2 consists of side pieces 7 and cross-pieces 8, the side pieces having their outer edges curved in an opposite direction to the profile of the part 1, whereby in elevation the tool presents a symmetrical appearance. The side pieces 7 have internally-threaded openings which come in coincident relation with the internally-threaded openings formed in the ears 3, so as to receive the screws 4, whereby the two parts are connected. The cross-piece 8 adjacent to the lug 5 is formed with an extension 9, having an internally-threaded opening 10 to receive a screw-shank 11 of a handle 12. The inner end of the extension 9 is formed with a threaded opening 13, which is adapted to receive a clamp-screw 14, by means of which the bit 15 is held in place.

The bit 15 is a steel plate of rectangular shape and is placed between the parts 1 and 2 and has its end portions projecting a short distance from the ends of the frame or stock. By backing or loosening the clamp-screw 14 the bit 15 can be adjusted or removed or placed in position, and when moved to the required point the bit is made fast by turning up the clamp-screw, whereby its inner end comes forcibly into contact with the bit and holds it against movement in either direction. The binding-screw can be fitted into the opening 13 or the threaded opening 6, according to the desired manner of handling the tool, thereby making provision for having the clamp-screw out of the way. Inasmuch as the threaded openings 6, 10, and 13 are of like size and equal pitch of thread, it is possible to apply the handle 12 to any one of said threaded openings, thereby securing the most advantageous position for the handle with reference to the nature of the work to be performed.

The tool is equally well adapted for finishing floors, cabinet-work, and service generally where a smooth finish is required.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. In a scraper, the combination with a 5 frame or stock composed of two parts, one of the parts having a convex outer surface and provided with side ears and the other part fitting between the said ears, fastenings passing through registering openings in the said 10 ears and the side pieces of the part fitted between them, a bit placed between the complementary parts of the frame, and a clamp-screw for securing the bit in an adjusted position, each of the parts of the frame being 15 adapted to receive the clamp-screw, substantially as and for the purpose described.

2. In a scraper, the combination with a frame having a series of internally-threaded openings arranged at different relative angles, 20 and a bit having adjustable connection with the frame, of a clamp-screw adapted to be fitted into any one of the said openings for securing the bit in an adjusted position, and a handle adapted to be applied to any one 25 of the aforesaid threaded openings, substantially as and for the purpose set forth.

3. In combination, a frame comprising two parts, one part having a convex outer surface and provided at one end with a lug having 30 an internally-threaded opening and the other part having an extension formed with inner and outer openings internally threaded and arranged at an angle to each other and to the threaded opening of the aforesaid lug, means 35 for securing the parts of the frame together, a bit placed between the complementary parts of the frame, a clamp-screw adapted to be applied to any one of the aforescribed internally-threaded openings for securing the 40 bit in an adjusted position, and a handle

adapted to be fitted to any one of the said internally-threaded openings, substantially as and for the purpose set forth.

4. The herein-described scraper, comprising a two-part frame, one part being of concavo-convex form and provided at one end 45 with a lug having an internally-threaded opening and having side ears, the other part comprising side pieces having their outer edges curving and adapted to be fitted between the said ears, and provided at one 50 end with an extension having inner and outer threaded openings, fastenings passing through registering openings in the ears and side pieces of the complementary parts for 55 connecting them together, a bit placed between the parts of the frame, a clamp-screw adapted to be fitted into any one of the aforesaid internally-threaded openings for securing the bit in an adjusted position and a 60 handle adapted to be applied to any one of the said threaded openings, substantially as set forth for the purpose described.

5. In a scraper, the combination with a frame or stock composed of two parts, one of 65 the parts having a convex outer surface, a bit placed between the parts of the frame, a clamping-screw for securing the bit in an adjusted position, and a handle connected with the frame, the parts of the latter being provided with means for enabling either the 70 screw or the handle to be mounted on either of them, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 75 the presence of two witnesses.

CHESTER L. BRITT.

Witnesses:

NATHAN M. HAWKES,
WILBUR F. NEWHALL.