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THOMAS. A. CONKLIN'S imp'ts in TACKHAMMERS.

Fig. 1.

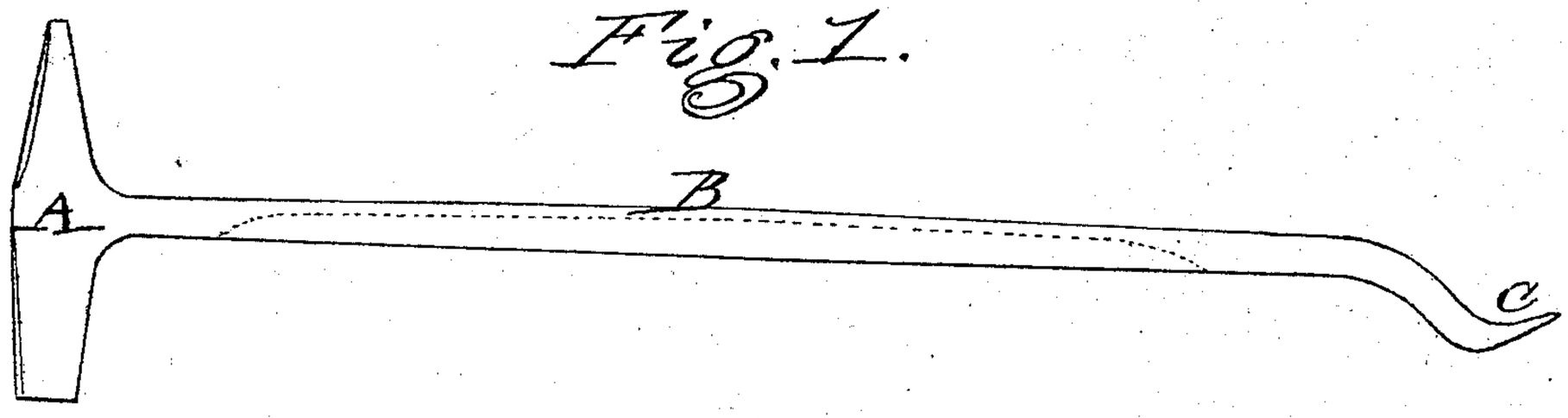


Fig. 2.

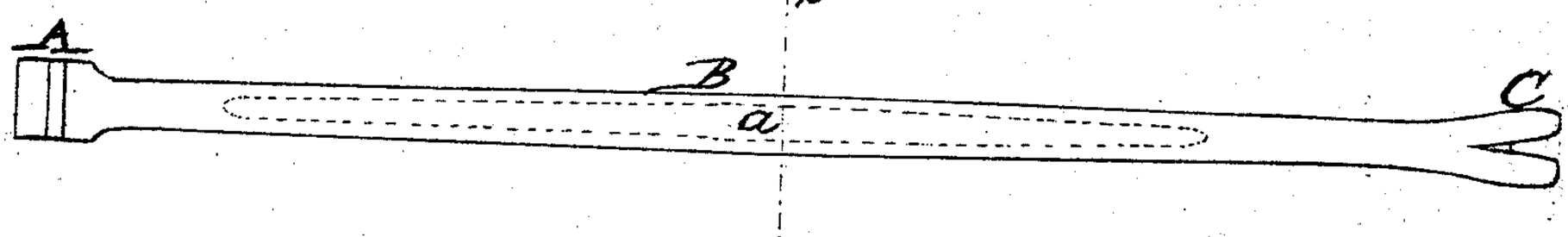
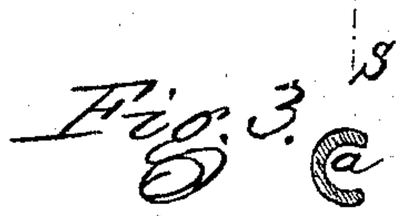


Fig. 3.



Witnesses

Julius Ives

J. C. Dey

Signature.

Thomas A. Conklin

By his attorney

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United States Patent Office.

THOMAS A. CONKLIN, OF NEW BRITAIN, CONNECTICUT.

Letters Patent No. 71,986, *dated December* 10, 1867.

IMPROVEMENT IN THE MANUFACTURE OF TACK-HAMMERS.

The Schedule referred to in these Letters Patent and making part of the same.

REISSUED

TO ALL WHOM IT MAY CONCERN:

Be it known that I, THOMAS A. CONKLIN, of New Britain, in the county of Hartford, in the State of Connecticut, have invented a certain new and improved Construction of Tack-Hammer; and I do hereby declare that the following is a full and exact description thereof.

My hammer is cast entire in one piece of metal, head, handle, and claw. The handle is hollowed, and presents a large surface with little material. The whole is coated, to give it an unoxidizable surface, and the hammer possesses, in consequence of its novel construction, useful qualities which have never before been realized.

I will proceed to describe what I consider the best means for carrying out my invention. The accompanying drawings form a part of this specification.

Figure 1 is a side elevation,

Figure 2 is a top view, and

Figure 3 a cross-section on the middle of the helve or handle.

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

I cast the hammer of malleable cast iron, by moulding it and annealing.

A is the head, B the helve, and C the claw, adapted to remove tacks, as will be obvious. The helve is hollowed on one side, as indicated by *a*. The casting, after being bit with acid, is tinned all over. Much use tends to remove the tin on the face of the head A, but all the other parts of the hammer will ordinarily remain coated. The casting, being made from tough iron, will bear dropping on the floor, and any of the ordinary violence to which such an article is exposed. While ordinary tack-hammers are almost certain to fail in a few months from a loosening of the connection between the head and the ordinary wooden handle, my improved hammer will endure for an indefinite period.

I propose in some cases to clean the surface of the casting, and to coat it with japan varnish, after which it is exposed to heat in the ordinary manner of japanning, which produces a very desirable coating.

I am aware that many efforts have been previously made to produce a successful tack-hammer of cast iron, but the hammers have failed to possess all the qualities which I have combined in mine, and have for this reason failed to meet the wants of the community. My hammer meets a widely-extended want, and is highly appreciated.

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

As a new article of manufacture, a tack-hammer, constructed in the manner and with the characteristics herein specified, for the purposes set forth.

T. A. CONKLIN.

Witnesses:

THOMAS D. STETSON,

ALLAN T. SANGSTON.