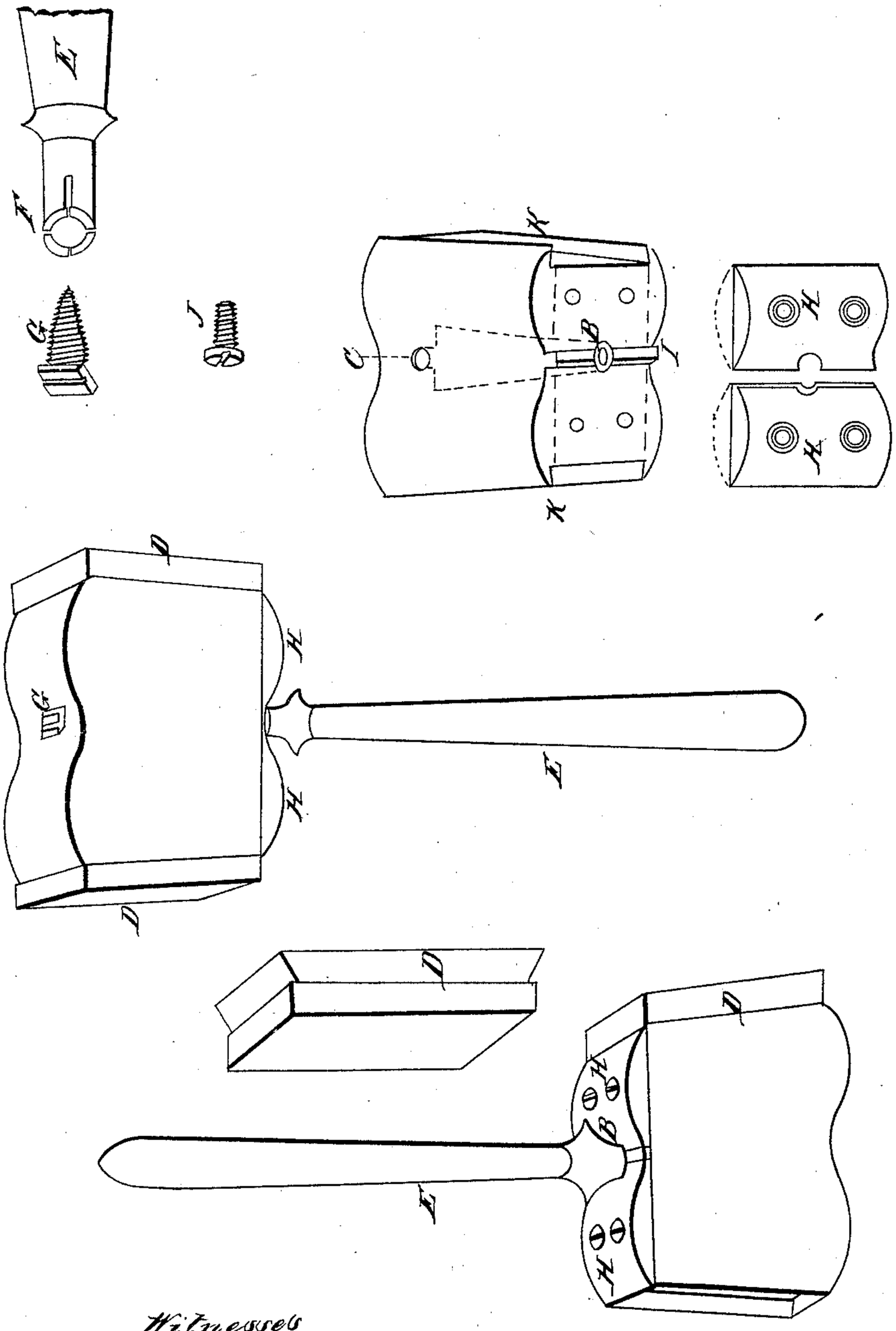
L. W. Blanchard,

Mallet,

No. 23,346, Patented Mar. 29, 1859.



Witnesses
Josiah French
Franklin J. French

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UNITED STATES PATENT OFFICE.

LYMAN W. BLANCHARD, OF WHITINGHAM, VERMONT.

CONSTRUCTION OF MALLETS.

Specification of Letters Patent No. 23,346, dated March 29, 1859.

To all whom it may concern:

Be it known that I, LYMAN W. BLANCHARD, of Whitingham, in the county of Windham, in the State of Vermont, have invented a new and Improved Mode of Constructing Mallets; and I do hereby declare that the following is a full and correct description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists of a mallet with headblocks, flanges, screws, and a handle made of wood and iron.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct the body of the mallet as shown at A of iron about three and a fourth inches in length on the front side where the flanges go on, about three and a half inches in length on the back or opposite side about two and three-fourths inches in width and two and a half inches in thickness. I have the center of this mallet concave on the middle of the three sides and near the ends, convex, and the other or front side I have straight with a spur on each side of the center hole that receives the handle as shown at B. These spurs I mark I I. On the front or straight side of this mallet in the center I have a hole as shown at B about three-fourths of an inch in diameter and extending nearly through it and beveling from three-fourths to seven-eighths of an inch in diameter. On the back or opposite side of this mallet I have a hole as shown at C about a half of an inch in diameter and extending through to the handle hole B. At each end of this mallet I have a chamber or socket as shown at K K about five-eighths of an inch in depth each beveling from the end to the bottom of the chamber or socket about one-eighth of an inch. These chambers or socket are for the purpose of receiving headblocks of wood as shown at D D. I have a handle made of wood as shown at E about nine inches in length and about three-fourths of an inch in diameter, at the end that enters the hole B of the mallet. At this end of the handle I have a hole as shown at F bored about three-eighths of an inch in diameter. I have it sawed across the end as shown at F at right angles and extending from the end about three-fourths of an inch. I have a tapering screw as shown at G; which is about one and a half inches in length and about a half of an inch in diameter. I now put the handle E into the hole B and the tapering screw G into the hole C, passing into the end of the handle F where it is sawed at right angles. The tapering screw G when it is in the hole it causes the end of the handle F that is sawed to fill the beveled hole B very tight, serving the same purpose as a wedge. Next I have two flanges as shown at H H one on each side of the handle E resting against the spurs I I and extending from the spurs I I to the end of the mallet and being of the same form and size as the sides of the mallet, both of which I screw on to the body of the mallet A with two screws each as shown at J with their heads sunk into the flanges H H. These flanges are for the purpose of holding the headblocks D D into the chambers or socket at K K.

What I claim as my invention and desire to secure by Letters Patent is—

The mode of constructing mallets with wooden headblocks and iron flanges and a tapering screw arranged substantially in the manner and for the purpose set forth.

LYMAN W. BLANCHARD.

Witnesses:

JOSIN N. FRENCH,

FRANKLIN J. FRENCH.