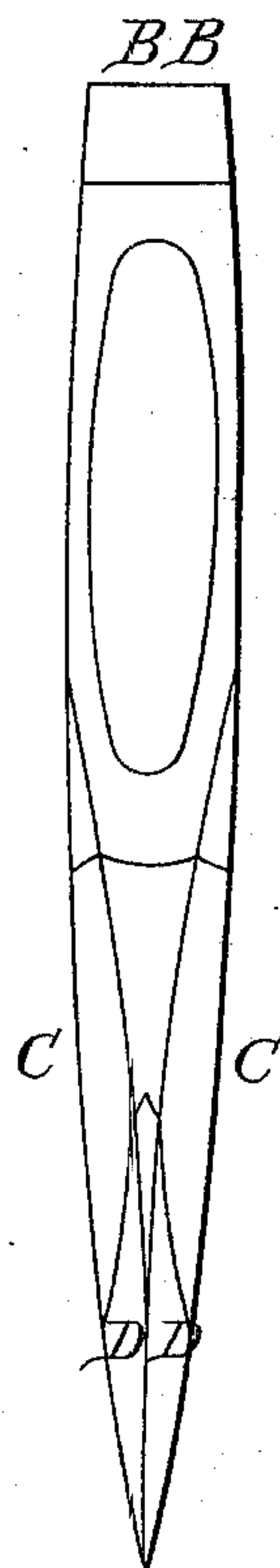
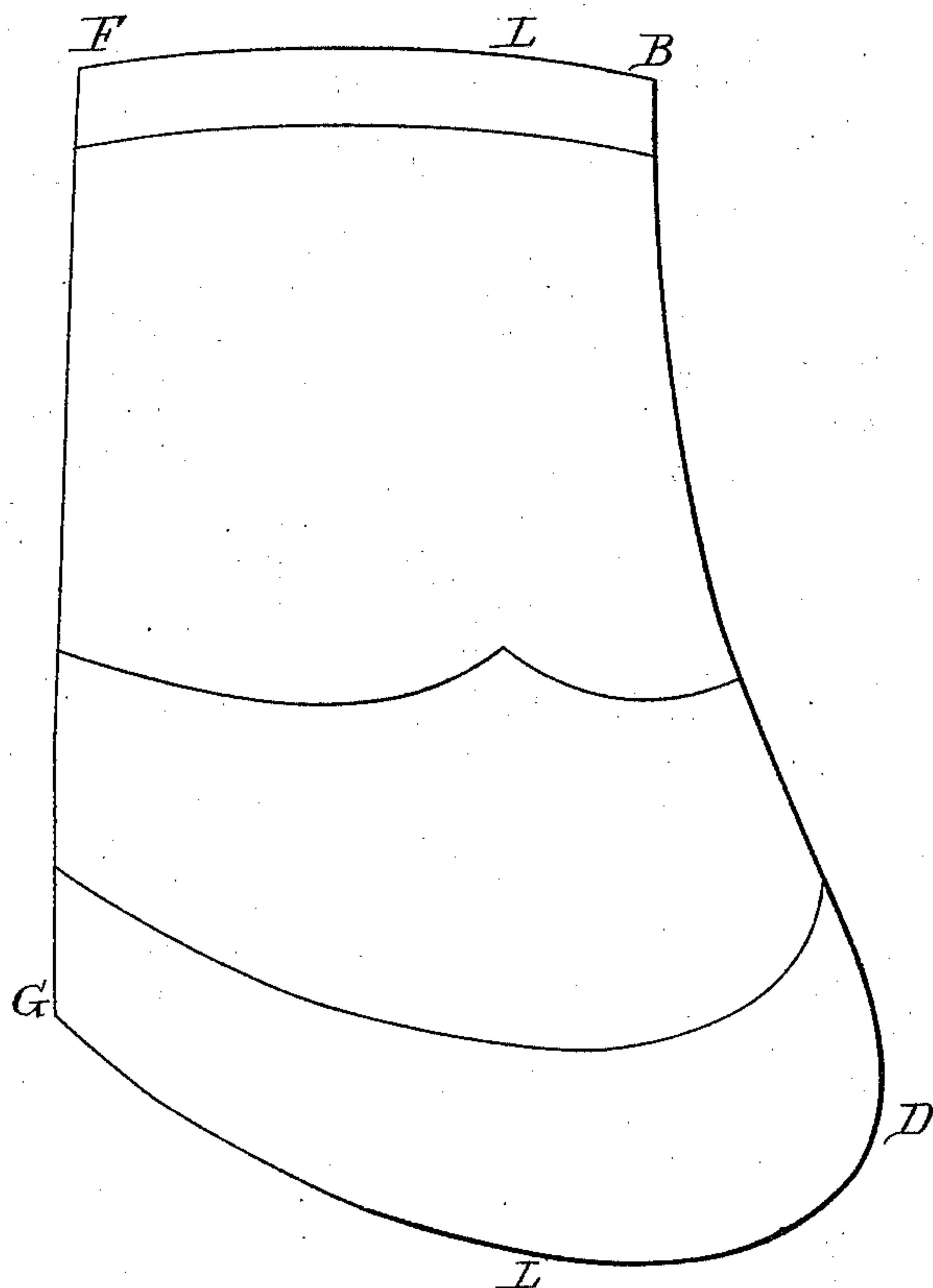
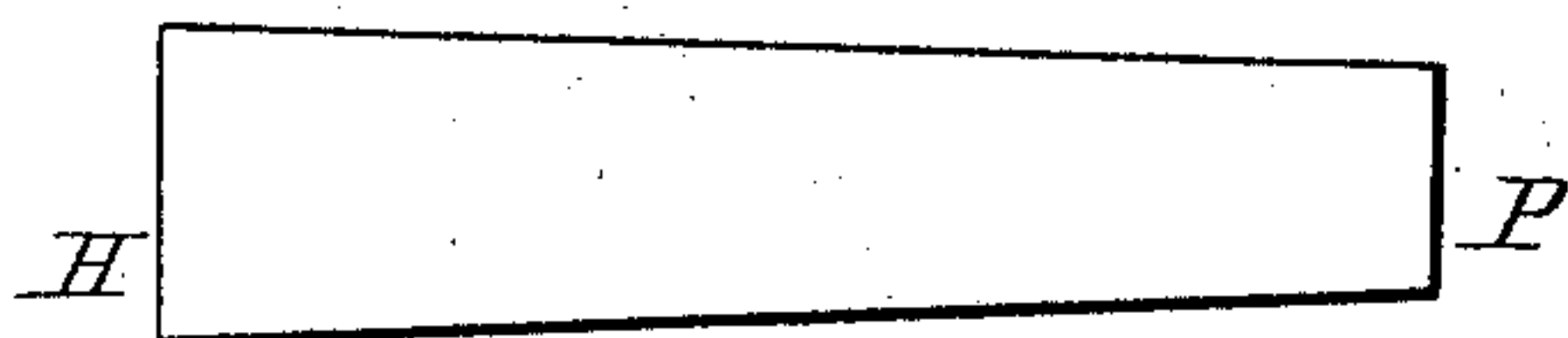
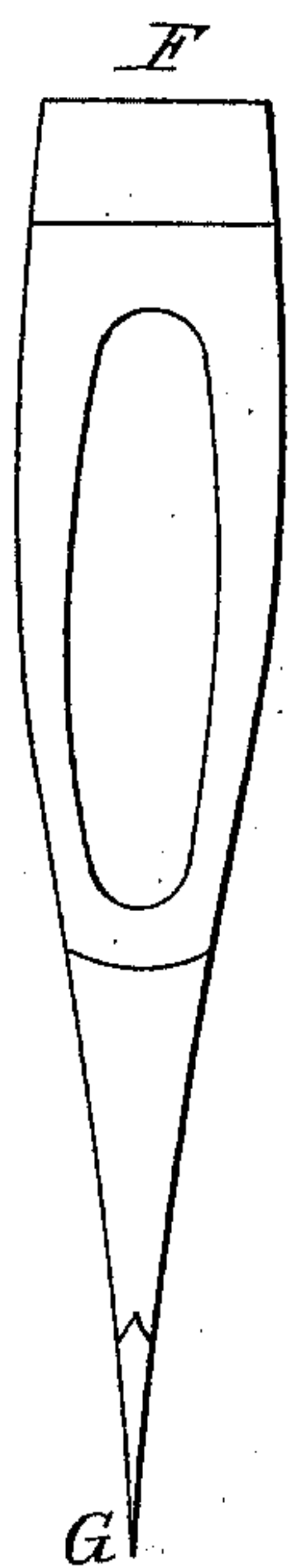


T. Merriam,

Axe.

N^o 42,303.

Patented Apr. 12, 1864.



Witnesses.

C. D. Wapping
L. G. Basford

Inventor
Truman Merriam

UNITED STATES PATENT OFFICE.

TRUMAN MERRIAM, OF WATERLOO, WISCONSIN.

IMPROVEMENT IN CHOPPING-AXES.

Specification forming part of Letters Patent No. 42,303, dated April 12, 1864.

To all whom it may concern :

Be it known that I, TRUMAN MERRIAM, of Waterloo, county of Jefferson, State of Wisconsin, have invented a new and useful Improvement on the Chopping-Ax; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

The letter B shows the upper part of the head or poll next to the handle. Letter D shows the upper corner of the ax, which is longer two ways than the common ax, the in-corner being set in nearer the hand of the chopper, and the same corner, D, extending farther from the eye of the ax in proportion to common ax, receding obliquely to letter G, making the cut of the ax on a shave or draw form the lower corner. Letter G shows the distance from the eye to be less than common ax. From G to F, lower part of the ax or poll, to be much thicker and heavier than front part

of the poll B B. The head or poll P H shows the difference in thickness. The difference may be more or less, according to the heft of ax. C C shows the swell of the ax on a line, L L, from L to G and from L to F, lower part of ax acting as a lever or momentum power to drive or propel inner corner into the timber, the inner or upper corner being rounded and sharp up to letter D.

What I claim as my invention and improvement on axes, and desire to secure by Letters Patent, is substantially as follows:

1. An ax having the lower part thicker and heavier than the upper part, in combination with the upper corner, D, projecting upward and outward, longer in proportion than other axes.

2. The slanting or oblique form of the edge of the ax, as above described.

TRUMAN MERRIAM.

Witnesses :

E. B. WINSHIP,
JAMES CUSHING.