

No. 779,947.

PATENTED JAN. 10, 1905.

C. E. LOMBARD.

HAY KNIFE.

APPLICATION FILED APR. 11, 1904.

Fig. 1.

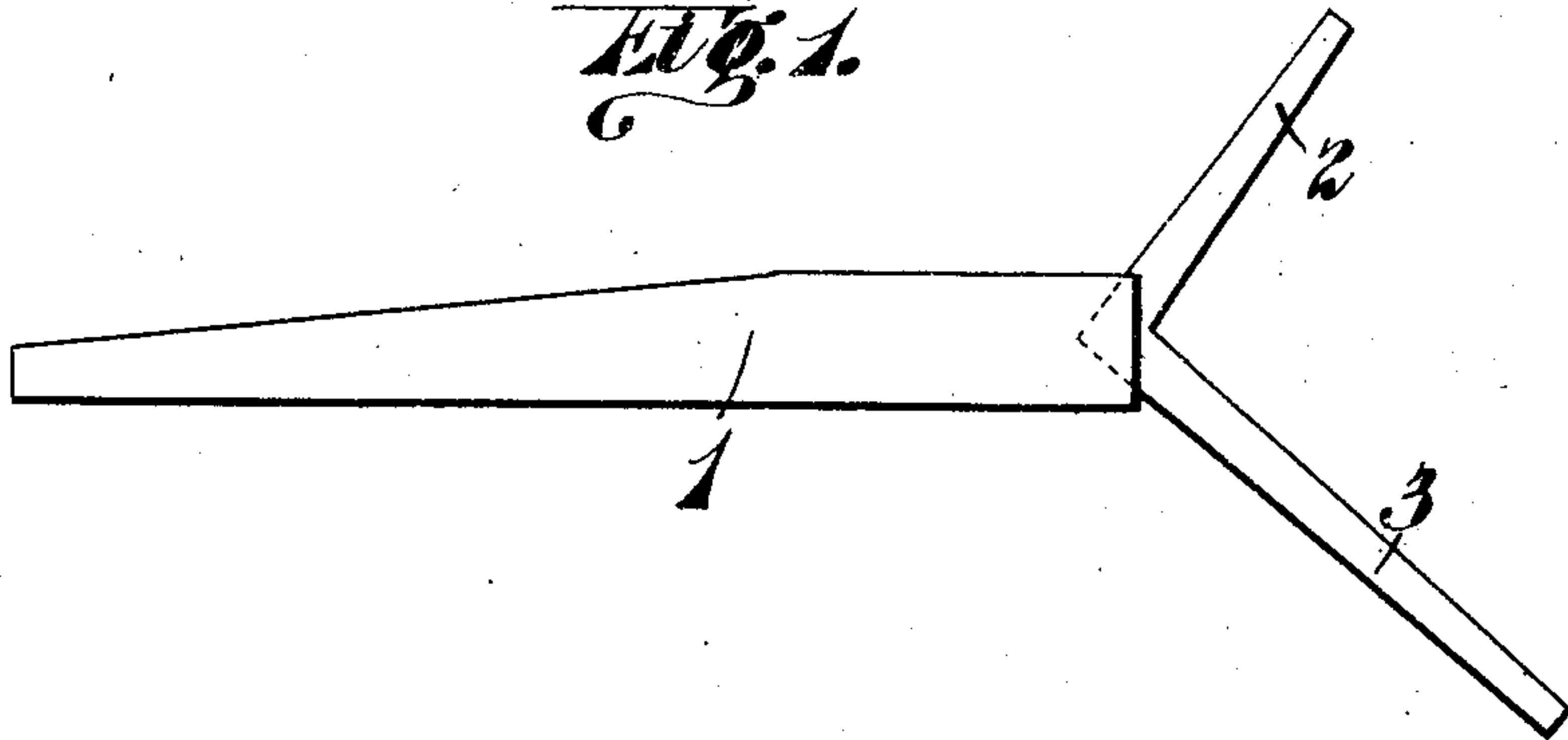


Fig. 2.

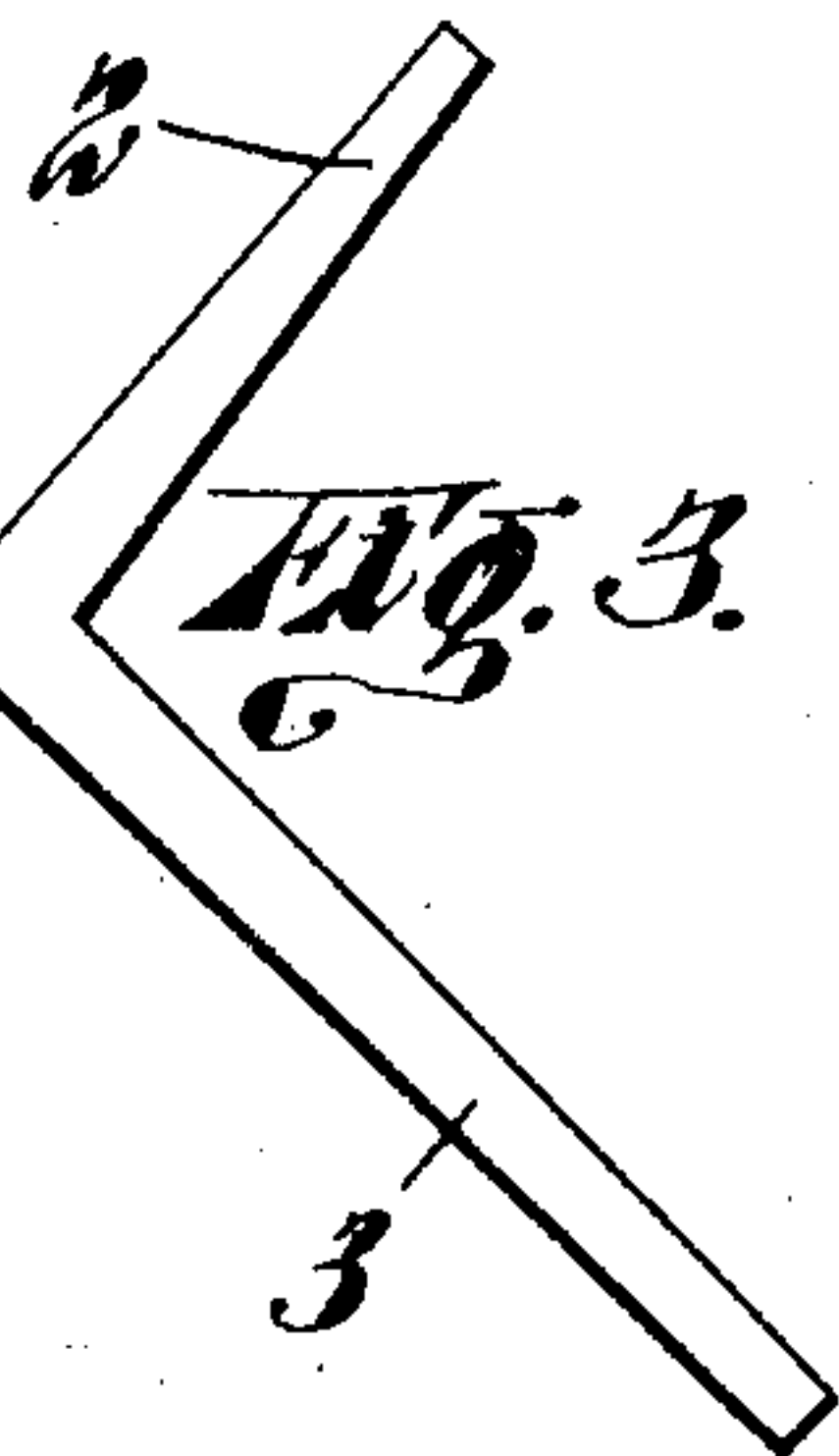
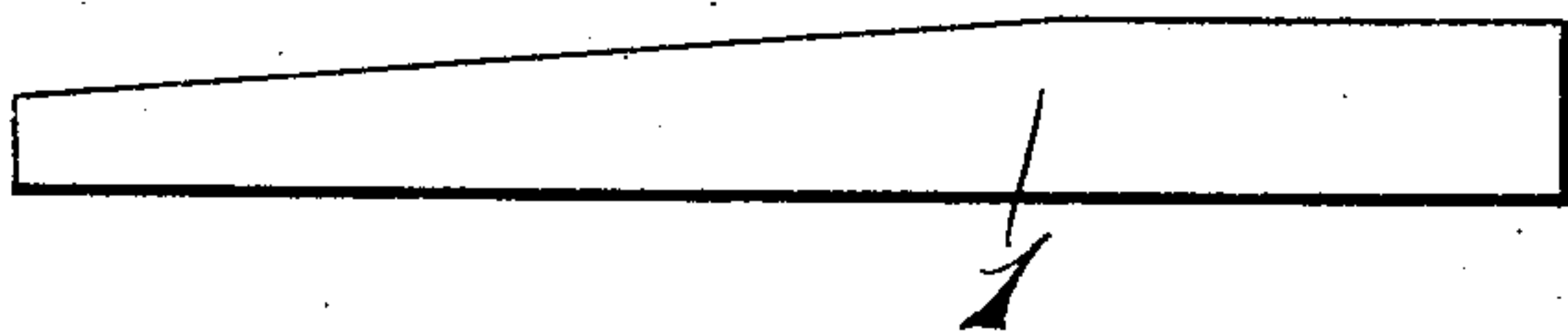


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES E. LOMBARD, OF EAST WILTON, MAINE.

HAY-KNIFE.

SPECIFICATION forming part of Letters Patent No. 779,947, dated January 10, 1905.

Application filed April 11, 1904. Serial No. 202,643.

To all whom it may concern:

Be it known that I, CHARLES E. LOMBARD, a citizen of the United States, residing at East Wilton, in the county of Franklin and State of Maine, have invented certain new and useful Improvements in Hay-Knives; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improved hay-knife, consisting of a forged metal blade and right-angular integral wrought-metal handle-bars, said handle-bars being welded at their triangular point of junction centrally to the rear end of the blade and one of said handle-bars being longer than the other, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is an elevation of the blank for the blade of the hay-knife and the blank for the handle-bars of the same, showing the same united. Fig. 2 is a similar view of the blank for the blade after the same has been forged and before the handle-bars have been welded thereto. Fig. 3 is a similar view of the blank for the handle-bars.

In the manufacture of my improved hay-knife in accordance with my invention I first forge the blank 1 for the blade. The handle-bars 2 3 are formed of a single piece of metal and are disposed at a proper angle with relation to each other by bending the said piece of metal. That portion of the blank constituting the handle-bars where the latter meet is welded at the triangular point of junc-

tion of the handle-bars centrally with the rear end of the blade-blank 1, and the hay-knife is then finished by grinding and polishing the blade and bending the ends of the handle-bars 40 outwardly and providing them with suitable handles.

It will be noted that the handle 3 is longer than the handle 2. In using the hay-knife the handles are grasped in a manner somewhat 45 similar to the usual bucksaw, and the extension of one of the handles facilitates the operation of the saw.

Various changes in the form, proportion, and the minor details of construction may be 50 resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters 55 Patent, is—

The herein-described hay-knife consisting of the forged metal blade and the right-angular integral wrought-metal handle-bars, said handle-bars being welded at their trian- 60 gular point of junction centrally to the rear end of the blade, and one of said handle-bars being longer than the other, substantially as described.

In testimony whereof I have hereunto set 65 my hand in presence of two subscribing witnesses.

CHARLES E. LOMBARD.

Witnesses:

RALPH L. BUTLER,
TOM J. ILLINGWORTH.