Z. A. HALL.

HOCKEY STICK.

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1,438,030.

Patented Dec. 5, 1922.

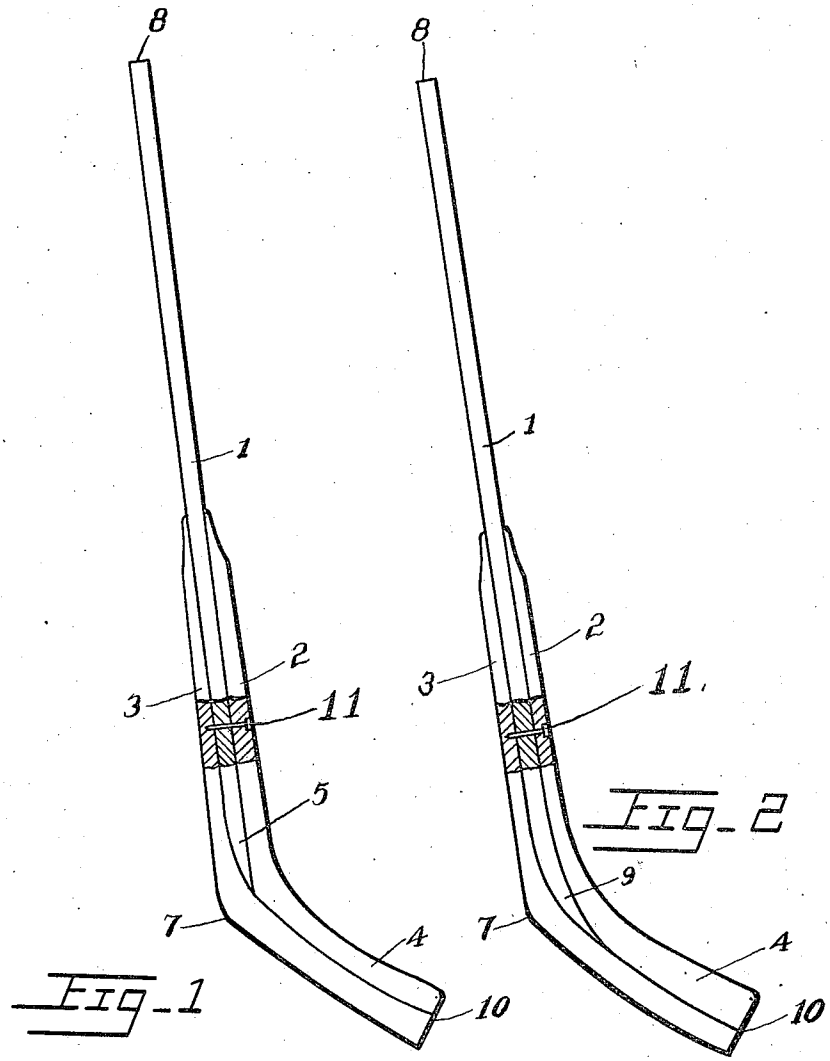


Fig. 1

Fig. 2

Zachariah A. Hall

per Chas. H. Richter

Attorney.

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UNITED STATES PATENT OFFICE.

ZACHARIAH ADAM HALL, OF HESPELER, ONTARIO, CANADA.

HOCKEY STICK.

Application filed September 17, 1921. Serial No. 501,366.

To all whom it may concern:

Be it known that I, ZACHARIAH ADAM HALL, of Hespeler, in the county of Waterloo, in the Province of Ontario, Dominion of Canada, have invented certain new and useful Improvements in Hockey Sticks, of which the following is a full, clear, and exact description.

Heretofore, hockey sticks, particularly those used for goal keeping purposes, have consisted of a handle with a blade at one end of, and at an angle to, the handle with a lateral member extending along one edge of the blade and one edge of the handle and terminating at a point spaced from that end of the handle opposite to the blade, and a second lateral extension extending along the opposite edge of the handle from the same point to the heel of the stick.

In the manufacture of that type of hockey stick, it is necessary to use specially selected stock, owing to the handle and blade being of an integral or unitary character and the blade being bent at an angle to the handle, and this class of stock, owing to the high price of material, adds considerably to the cost of production.

To avoid the necessity of using expensive stock for the manufacture of these sticks and therefore eliminate, as far as possible, a considerable portion of the cost, is the object of the present invention, this object being attained by a built-up hockey stick made from inexpensive material, and particularly from short ends of material which in some cases might be considered waste in factory operation.

In carrying out this object I have devised a hockey stick which consists of a handle terminating at a point spaced from the toe of the blade, and two lateral members bent to form the blade and embrace that part of the handle adjacent to the blade, said members being rigidly united to the handle and to each other as hereinafter set forth and particularly pointed out in the claims.

In the drawings, Figure 1 is a view of a hockey stick constructed in accordance with this invention, and

Figure 2 is a modification of the same, embodying the same principle of construction.

The hockey stick, in accordance with my invention, consists of a handle 1 and two lateral members 2 and 3, bent to embrace the lower part of the handle and form the blade 4, which, as shown in the accompanying drawings, is set at an angle to the handle.

In Figure 1, the lower end 5 of the handle terminates at a point opposite the heel 7 of the stick, that side of the end 5 adjacent to the heel 7 being preferably curved. The members 2 and 3 embrace two opposite sides of the handle 1, from its lower end 5 to a point suitably spaced from the upper end 8, the members 2 and 3 combined with that part of the handle embraced by them, being of such lateral width as to comply with the requirements of the rules of the game.

The handle 1, and the members 2 and 3 may be made from short ends of material which might otherwise be considered waste in factory operation.

In forming the handle, a piece of material is cut to the requisite dimensions with the grain preferably running lengthwise, or as nearly lengthwise as possible, of the stick, and the lower end 5 of the handle is curved as shown in the drawings.

The member 2 is shaped so that one part of it will embrace the front edge of the handle 1 from the toe of the end 5, to a point suitably spaced from the opposite end 8, and the other part of the member 2 is bent as shown in the same figure, to form part of the blade 4.

The member 3 is shaped so that one part of it embraces the rear edge of the handle 1 from the toe of the end 5 to a point suitably spaced from the end 8, and the other part of the member 3 is bent to form the heel 7, and complete the blade 4.

In assembling the stick, the blade part of the members 2 and 3 are glued together from the end 5 of the handle to the toe 10 of the blade 4, and the other part of the members are glued to their respective edges of the handle, the handle and members being then nailed together as at 11, to form a solidly constructed stick capable of withstanding the strains to which it may be subjected in ordinary use.

In Figure 2, the stick is constructed similarly to that shown in Figure 1, except that the lower end 9 of the handle is extended past the heel 7 in the direction of the toe 10 of the blade 4. The termination of the handle 1, at or slightly beyond the heel 7, lends sufficient strength to the stick at this point, to withstand the strain to which the blade is subjected from the heel to the toe, and provides a sufficient attaching surface by which

the blade members and the handle may be rigidly secured together.

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

1. A hockey stick comprising a handle, and a blade at one end of the handle and set at an angle thereto, the handle at the blade end of the stick being curved and terminating at a point spaced from the toe of the blade, and two members bent to form the blade and embrace the curved end of the handle and that part of the handle adjacent to the curved end, said handle and members being rigidly united.

2. A hockey stick comprising a handle, and a blade at one end of the handle and set at an angle thereto, the handle at the blade end of the stick terminating in a curved part of less length than the blade, and two members bent to form the blade and embrace the curved end of the handle and that part of the handle adjacent to the curved end, said handle and members being rigidly united.

Dated at the town of Hespeler, this 30th day of August, A. D. 1921.

ZACHARIAH ADAM HALL.

In the presence of:—

O. ZIYD,

STANLEY RICHES.