

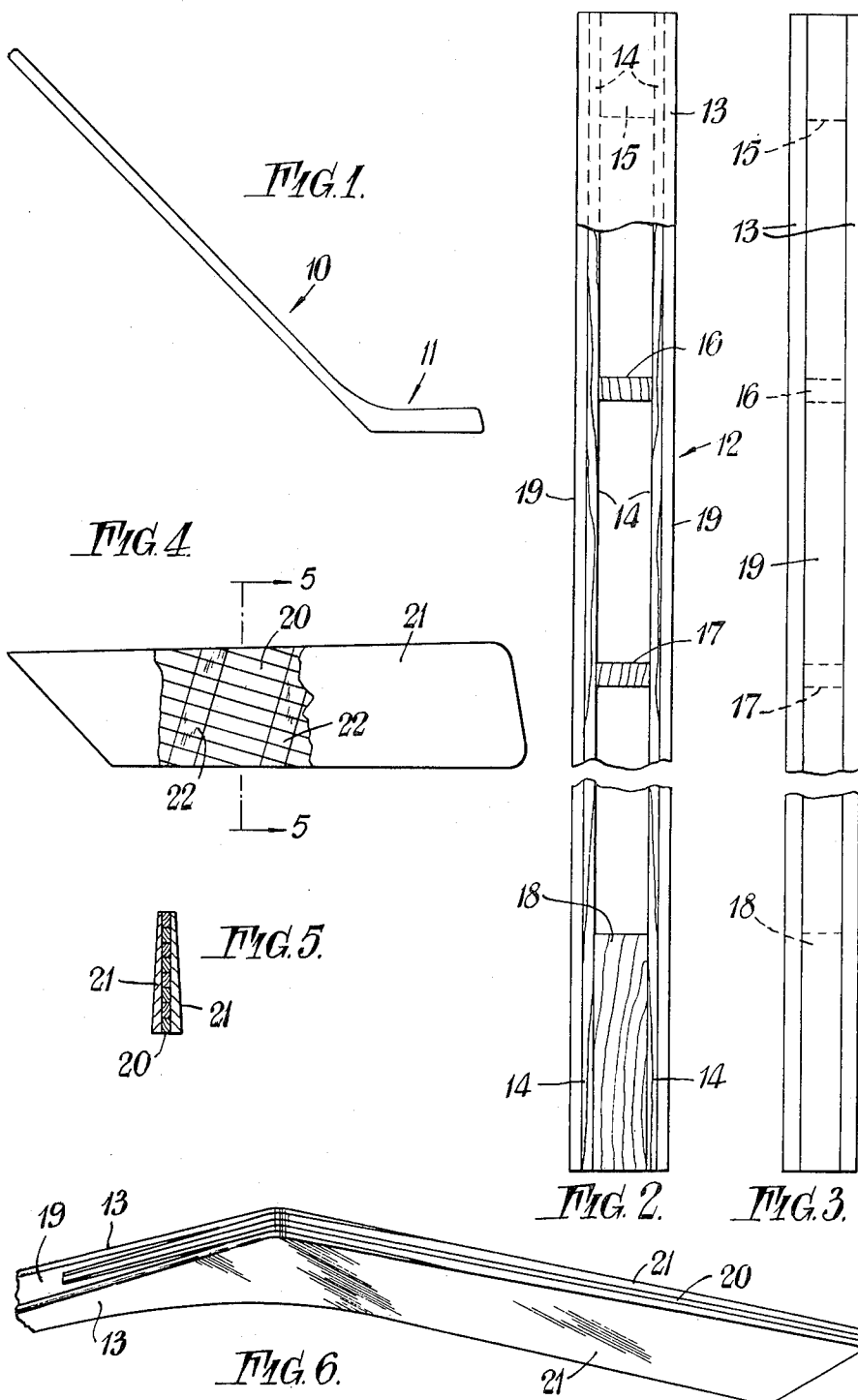
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HOCKEY STICKS

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1

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HOCKEY STICKS

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2 Claims. (Cl. 273-67)

This invention relates to hockey sticks intended for use in the game of ice hockey and it has for its chief object to evolve an improved stick which while being relatively light in weight will nevertheless be stronger or more durable than sticks at present generally in use.

In order that the invention may be clearly understood and readily carried into effect, the same will hereinafter more fully be described with reference to the accompanying drawings which show one embodiment by way of example and in which:

Figure 1 shows a complete hockey stick in side elevation.

Figure 2 is a side elevational view of the handle portion of a stick, a part of the outer wooden covering or layer being broken away to permit of better illustration of the construction.

Figure 3 is a view of a complete handle portion looking from the left of Figure 2.

Figure 4 is a side elevational view of the blade portion of a hockey stick, a part of one outer wooden covering strip or layer being broken away to permit of better illustration of the construction.

Figure 5 is a section on the line 5-5 of Figure 4.

Figure 6 is a perspective view showing the blade and lower portion of the handle of a completed hockey stick.

Referring now to the drawings, it will be seen that the hockey stick therein illustrated comprises a handle portion 10 and a blade portion 11, both of which are formed initially as separate integers and are subsequently united to provide the complete stick.

As is clearly seen from Figures 2 and 3, the handle portion comprises a composite insert designated generally by 12 which is adapted to be sandwiched between two outer or covering strips of wood 13. The insert comprises two relatively thin wooden strips 14 which are the length of the handle and are maintained in spaced relation by means of wooden spacer blocks 15, 16, 17 and 18. The strips 14 and the spacer blocks 15, 16, 17 and 18 are secured together by an adhesive to form a unitary structure. To each of the outer faces of the strips 14 a relatively thin strip 19 of cane, such as Tonkin cane is securely affixed by means of an adhesive. Purely as an example with a handle of or in the region of 53 inches in length the strips 14 and 19 may each conveniently be of the order of 1/2" wide and 1/8" thick. It will be obvious that the dimensions quoted above are purely exemplary and may be varied to suit any particular requirements. The outer or covering strip 13 will be securely affixed to the insert 12 by means of an adhesive, the arrangement being such that in the finished handle portion, the outer faces of the cane strips 19 will be exposed being sandwiched between the strips 13 and extending along opposite sides of said handle portion as is indicated in Figure 3.

As will be seen from Figures 4 and 5 the blade portion 11 is also of laminated construction comprising an

2

inner layer 20, composed of strips of cane, such as Tonkin cane, which layer is interposed between two outer or covering strips of wood 21. The layer 20 is conveniently formed of cane strips of the order of 3/8" wide and 1/8" thick, such strips being so arranged as to extend diagonally or substantially diagonally of the assembled blade as is clearly indicated in Figure 4. In order to secure the cane strips together and to maintain them in the desired relative positions during assembly of the blade, said strips may initially be held together by means of thin strips of adhesive material, two of which are indicated at 22 in Figure 4. The blade assembly, i. e. the covering strips 21 and the cane layer 20 will be secured together by means of an adhesive.

As will be seen from Figure 6, in order to complete the stick the appropriate end of the assembled blade portion is introduced into a slot formed in the lower part of the handle portion, the parts being secured together by means of an adhesive and the whole assembly being thereafter finally shaped and finished to produce the final product.

By reason of the construction described above, it is possible to provide a stick which combines the desiderata of relatively great strength and lightness. The handle is substantially hollow and the incorporation of the cane in both said handle and the blade provides in addition to strength a degree of whip or resilience which renders the stick most effective in use.

I claim:

1. A hockey stick for the game of ice hockey and comprising a substantially hollow handle portion and a blade portion, said handle portion comprising an insert extending the length of the handle and formed of two longitudinally extending strips of wood maintained in spaced relationship, two longitudinally extending strips of cane affixed one to the outer lateral face of each of said wood strips and two separate outer or covering strips of wood between which said insert and its associated cane strips are sandwiched and said blade portion, which is initially separate from said handle portion and subsequently affixed thereto, comprising an inner layer composed of a plurality of strips of cane disposed in edge to edge relationship and two outer or covering strips of wood between which said inner layer is sandwiched.

2. A hockey stick for the game of ice hockey and comprising a substantially hollow handle portion and a blade portion, said handle portion comprising an insert extending the length of the handle and formed of two longitudinally extending strips of wood and spacer blocks disposed between said strips to maintain the same in spaced relationship, two longitudinally extending strips of cane affixed one to the outer lateral face of each of said wood strips and two separate outer or covering strips of wood between which said insert and its associated cane strips are sandwiched and said blade portion, which is initially separate from said handle portion and subsequently affixed thereto, comprising an inner layer composed of a plurality of strips of cane disposed in edge to edge relationship and two outer or covering strips of wood between which said inner layer is sandwiched, the strips of cane forming the inner layer being disposed to extend substantially diagonally of said blade portion.

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