

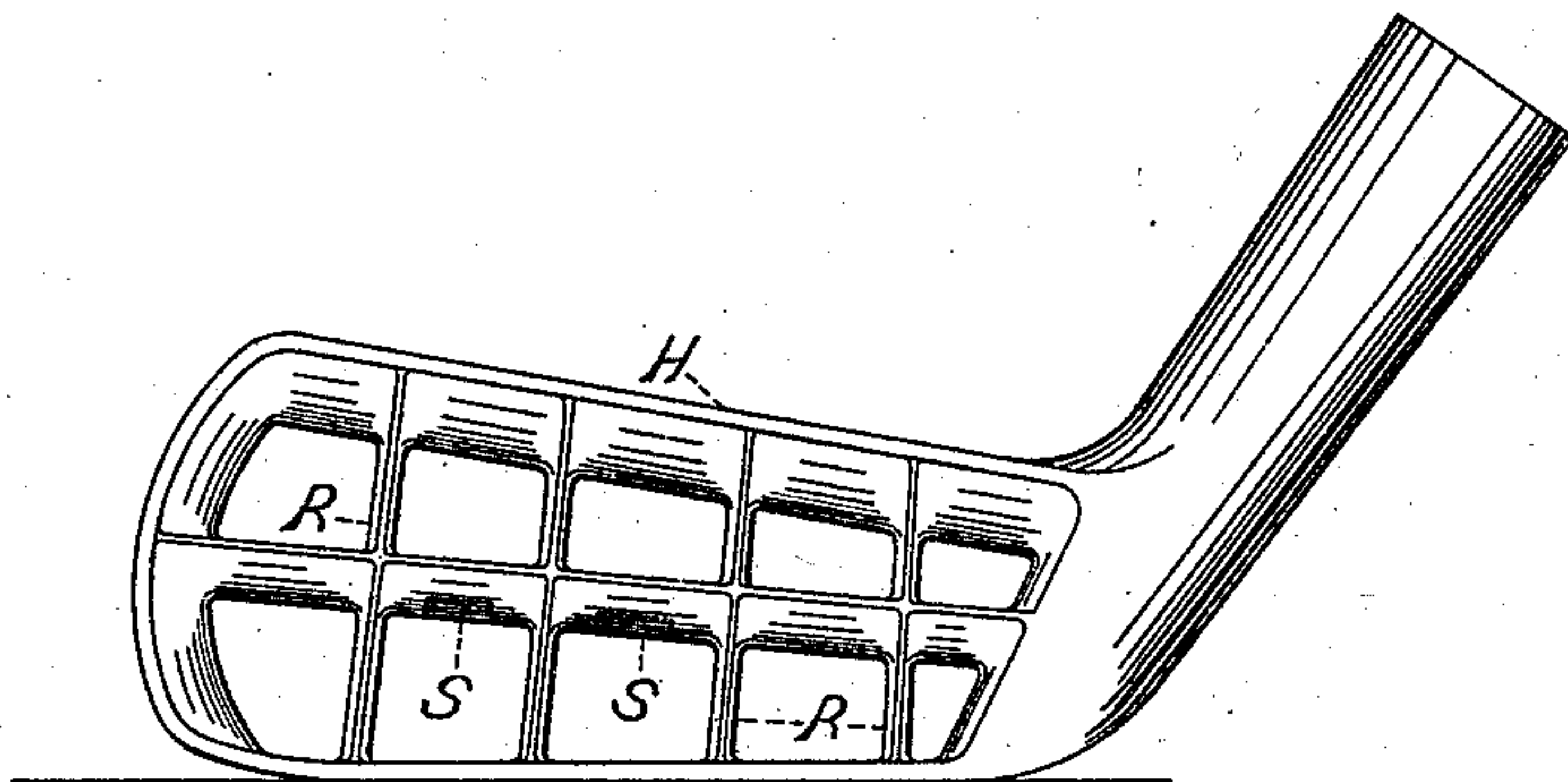
(No Model.)

W. MILLS.  
HEAD FOR GOLF CLUBS.

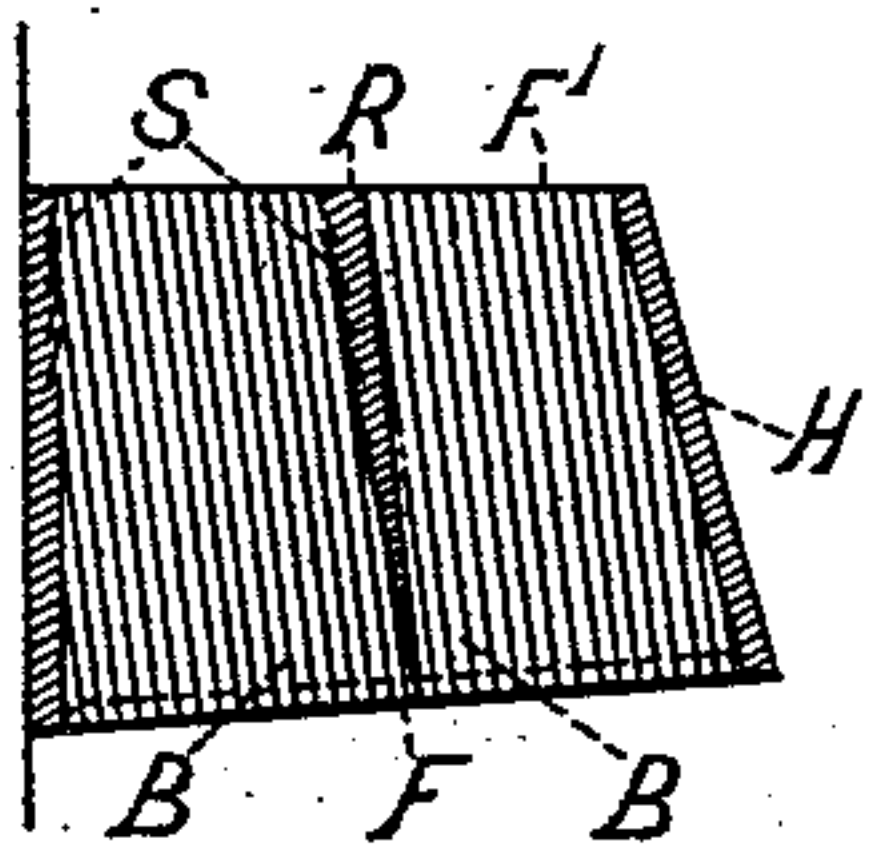
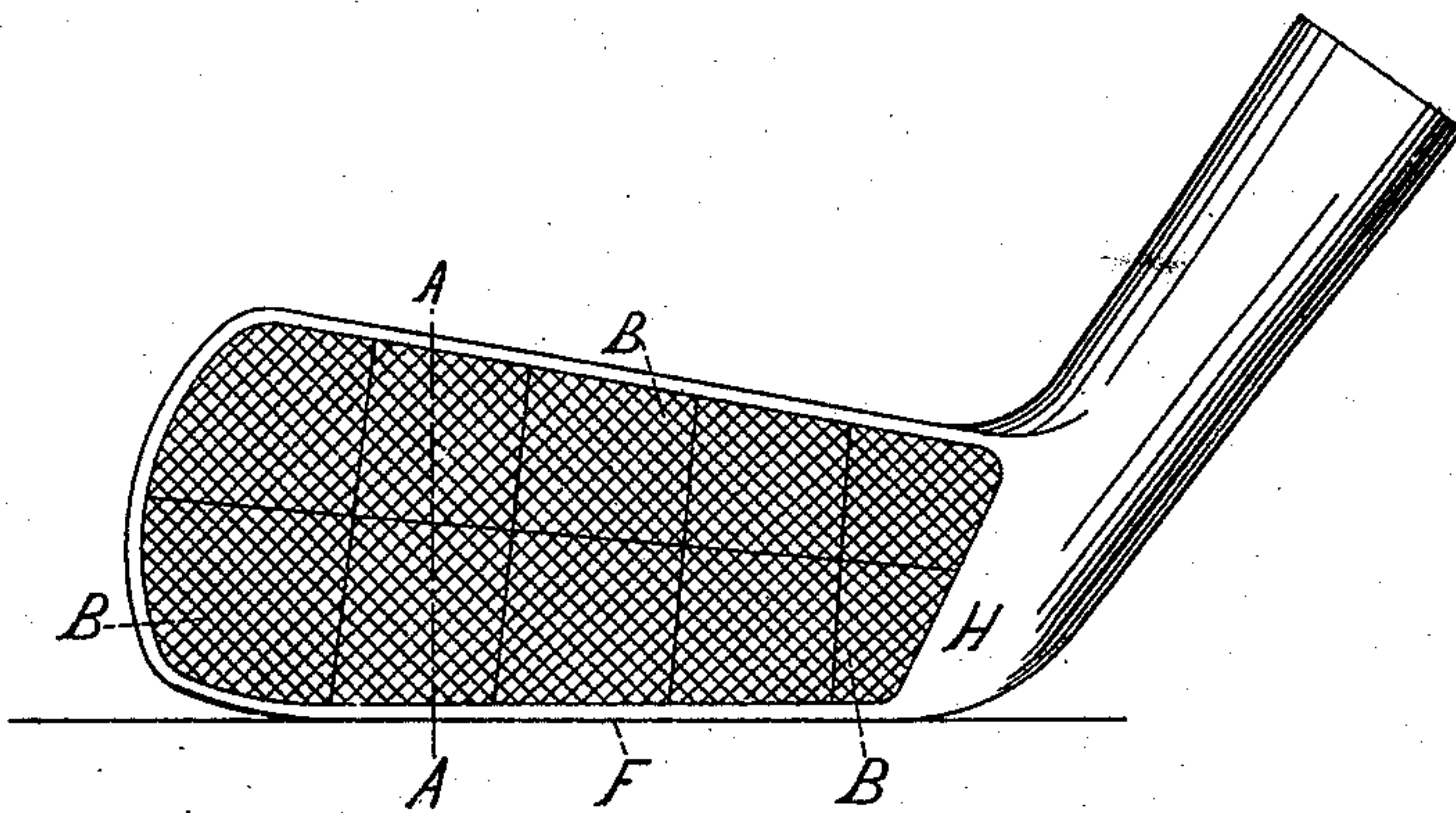
No. 572,436.

Patented Dec. 1, 1896.

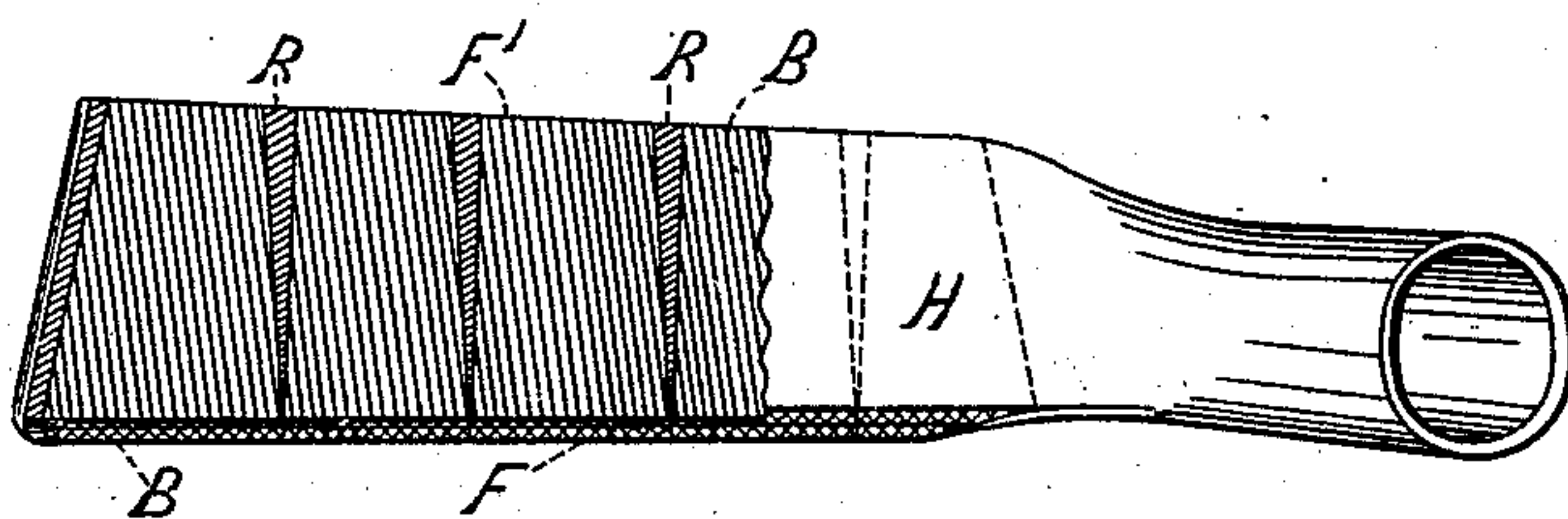
*Fig. 1*



*Fig. 2*



*Fig. 4*



*Fig. 3*

Witnesses

J. A. Harvey.  
E. W. Pattison.

Inventor.  
William Mills  
by his Attorney  
A. G. Hall Chapman.



# UNITED STATES PATENT OFFICE.

WILLIAM MILLS, OF SUNDERLAND, ENGLAND.

## HEAD FOR GOLF-CLUBS.

SPECIFICATION forming part of Letters Patent No. 572,436, dated December 1, 1896.

Application filed November 30, 1895. Serial No. 570,614. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM MILLS, a subject of the Queen of Great Britain and Ireland, and a resident of Sunderland, county of Durham, England, have invented certain Improvements in the Construction of the Heads of Certain Instruments Used in the Game of Golf, of which the following is a specification.

10 This invention relates to improvements in the construction of the heads of certain instruments used in the game of golf, such as clubs, drivers, bulgers, brasseys, cleiks, and the like.

15 I will describe my invention with reference to the accompanying drawings, in which—

Figure 1 shows in front elevation a golfing-instrument head before the compartments are filled up, as hereinafter described, Fig. 2 being a similar view after the compartments are filled up. Fig. 3 shows a plan, partly in section; and Fig. 4, a transverse section on line A A in Fig. 2.

25 In the following description like letters of reference indicate like parts.

Referring to the drawings, H is a combined socket-piece and hollow metallic head, aluminium or bronze being a suitable metal for this purpose, and it will be observed that the opposite sides or surfaces of the head are so tied together by metallic ribs R as to form within the head a series of compartments.

30 The surfaces or walls of the compartments or some of them are formed of a slightly-tapered form, as shown in the drawings, so as to diminish in sectional area from the front or striking face F of the instrument toward the back face F', the taper being given for the purpose of tightly securing the wood wedge-shaped striking-blocks B, which are driven into the compartments to form a uniform striking-face. After the wood striking-blocks have been driven home into the several compartments their ends are sawed off to form a striking-face, which may be checkered to grip

the ball being struck, as shown in Fig. 2. The thinner ends of the tapering ribs terminate slightly short of the striking-face, so as to enable the striking ends of the several wood wedges in the several compartments to unite together to form a continuous wooden striking-face.

The rear ends of the wood blocks are sawed off flush with the head, as shown in the drawings.

55 A portion of the inner wall or walls of any compartment may be roughened or slightly serrated, as clearly shown in Fig. 4 at S to prevent any removal of the wood when once driven home.

Each wood block should be well coated with paint or equivalent solution before being driven home in order to preserve it from damp.

What I claim as my invention, and desire 65 to secure by Letters Patent, is—

1. A golfing-instrument head comprising a frame, a series of partitions or divisional walls tapering to a narrow edge on the front and terminating a slight distance within the line of the frame-face, and a series of blocks fitted to the spaces and adapted to form an unbroken front face, substantially as described.

2. A golfing-instrument head consisting of a combined socket-piece and outer metallic framework H with divisional strengthening-ribs R forming compartments within the outer metallic frame, the wall or walls of any compartment being more or less serrated to retain the striking-blocks B filling the compartments all arranged combined or adapted for use substantially as herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM MILLS.

Witnesses:

ALFRED CRAWHALL CHAPMAN,  
EDMUND WARD PATTISON.