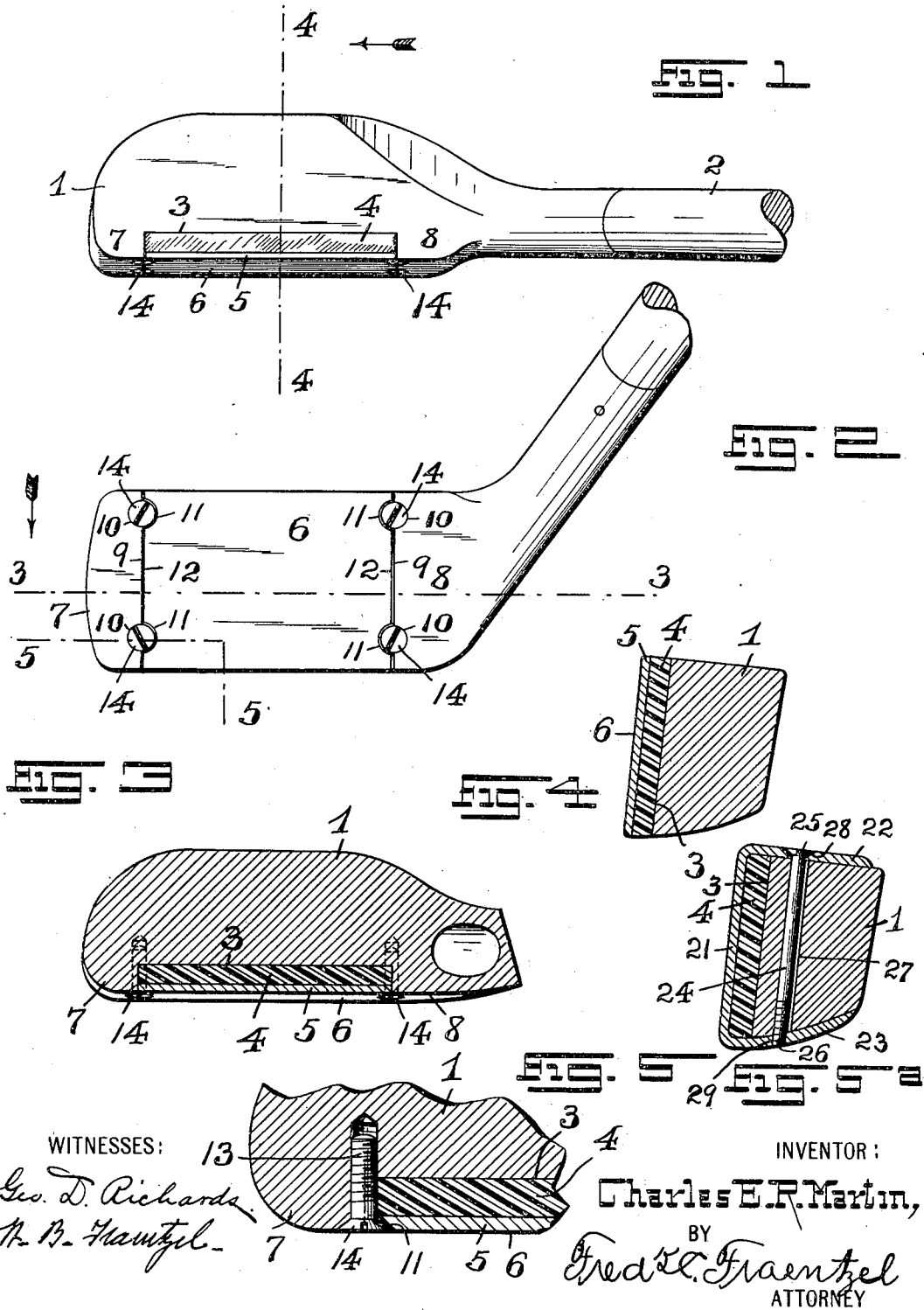


No. 819,900.

PATENTED MAY 8, 1906.

C. E. R. MARTIN.
GOLF CLUB.

APPLICATION FILED APR. 19, 1904.



UNITED STATES PATENT OFFICE.

CHARLES E. R. MARTIN, OF NEWARK, NEW JERSEY.

GOLF-CLUB.

No. 819,900:

Specification of Letters Patent.

Patented May 8, 1906.

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To all whom it may concern:

Be it known that I, CHARLES E. R. MARTIN, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Golf-Clubs; and I do hereby 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, reference being had to the accompanying drawings, and to numerals of reference marked thereon, which form a part of this specification.

The present invention relates to improvements generally in golf-clubs; and the present invention has for its principal object to provide a simple and easily-constructed striking face or plate for a striking implement for players of golf and other similar sports or games, such striking face or plate having great resiliency and spring-like action that the ball when struck will be sent with greater force than is now ordinarily the case.

A further object of this invention is to provide, in connection with a player's implement for striking a ball or the like, a pad or cushion of a flexible and preferably a plastic material which is arranged substantially back of the striking-plate of the implement, the face of said plate preferably being of the same size as the face of the cushion and capable of moving back into its normal initial position flush with the main face of the striking-head of the club.

Other objects of this invention will be clearly evident from the following detailed description of the same.

With the various objects of my invention in view the same consists in the novel construction of golf-clubs, as hereinafter set forth; and, furthermore, this invention consists in the general arrangements and combinations of parts, as well as in the details of the construction of the same, all of which will be hereinafter more particularly set forth and then finally embodied in the clauses of the claim.

The invention is clearly illustrated in the accompanying drawings, in which—

Figures 1 and 2 show an edge and face view, respectively, of a striking-head or body of a golf-club, the same being provided with one form of striking face and plate embodying the principles of my present invention. Fig. 3 is a horizontal section of the same, said section

being taken on line 3 3 in said Fig. 2; and Fig. 4 is a transverse vertical section taken on line 4 4 in Fig. 1 of the drawings. Fig. 5 is a horizontal section, on an enlarged scale and in detail, the section being represented as taken on line 5 5 in Fig. 3 of the drawings. Fig. 5^a is a transverse vertical section of a modification of the invention.

Similar characters of reference are employed in the above-described views to indicate corresponding parts.

Referring now to the several figures of the drawings, the reference character 1 indicates the striking end or head of a golf-club, which may be of any suitable metal or of wood and may be of any suitable shape and configuration, according to the style and class of golf-club, and 2 indicates a portion of the handle of the club.

In the construction represented in Figs. 1 to 5, inclusive, the striking end or head 1 is made in its striking-face with a depression or recessed portion 3, in which is arranged a pad or cushion 4, preferably of a soft and flexible material, such as rubber or the like. Arranged upon this pad or cushion 4 and within the remaining part of said depression or recessed portion 3, with the outer face 6 normally flush with the said striking-face of the head or end 1 of the golf-club, is a plate 5, preferably of metal, said plate having resilient properties and being capable of a slight movement toward the cushion 4 when struck and the said plate 5 serving as the striking-face of the head or end 1 of the golf-club for striking a ball and driving the same and the face of said plate 5 being preferably of the same size as the face of the cushion and moving back into its normal initial position flush with the face of the head of the club immediately after impact with a ball. That the said striking face or plate 5 may be suitably held in its operative position upon the pad or cushion 4 and still be capable of a slight movement, due to the resilient nature of the plate when striking a ball, the said plate or face 5 is made of slightly less length than the longitudinal distance across the said recess or depression 3 between the parts 7 and 8 of the end or head 1 of the club, as indicated in Fig. 2 of the drawings, the said plate or face 5 being made in its marginal edges 12 with countersunk receiving portions 11, which register with correspondingly-placed countersunk-receiving portions 10 in the marginal edges 9 of the said parts 7 and 8, substantially as

illustrated, thus providing depressions or recesses for the heads 14 of screws 13, which are screwed into the main body of the head or end 1, as clearly illustrated, and thereby secure the said face or plate 5 and the pad or cushion 4 in their operative positions within the said recess or depression 3. It will thus be clearly evident that when a ball is struck with the said face or plate 5 the sudden impact produces a movement of the plate 5 toward the pad or cushion 4, which suddenly becomes compressed and the parts instantaneously resuming their normal initial positions, due to the vibratory and spring-like action of the parts, the ball will be driven a greater distance than is ordinarily the case with the usual construction of golf-club.

The simplicity of construction and the many advantages obtained of a striking implement for players of golf, when made in the manner of my present invention are clearly evident from the foregoing description and from an inspection of the accompanying drawings. I am aware that changes may be made in the arrangements and combinations of the parts without departing from the scope of my present invention. Hence I do not limit my invention to the exact arrangements and combinations of the parts as described and as illustrated in the accompanying drawings, nor do I confine myself to the exact details of the construction of the said parts.

Having thus described my invention, what I claim is—

1. A golf-club comprising a head or body having a laterally-extending opening in the front face of said body, a flexible cushion or pad in said opening, a striking-plate of substantially the same size of said opening placed in said opening and arranged over said cushion or pad, said plate having its lower marginal edge flush with the lower face of said head or body, and said plate moving inwardly when struck and assuming its normal initial position flush with the front face of said head or body immediately after impact with a ball, substantially as and for the purposes set forth.

2. A golf-club, comprising a body having an opening extending laterally across the entire face of said body, a flexible cushion or pad in said opening, a separable plate of substantially the same size as said opening placed in said opening and arranged over said cushion or pad, and means for securing said plate and said cushion or pad in position,

said plate moving inwardly when struck and assuming its normal initial position flush with the face of said body immediately after impact with a ball, substantially as and for the purposes set forth.

3. A golf-club comprising a head or body having an open portion, extending laterally across the entire face of said body, a flexible cushion in said opening, a plate in said opening of substantially the same size of said opening, placed in said opening and arranged above the said cushion and between the marginal edges of the respective parts which are contiguous to the end portions of said opening, and fastening-screws arranged in the marginal edges of the said parts and said plate, said screws having their screw ends screwed into said head or body, said plate moving inwardly when struck and assuming its normal initial position flush with the face of the said body immediately after impact with a ball, substantially as and for the purposes set forth.

4. A golf-club comprising a head or body having an opening extending laterally across the entire face of said body, the face of said head or body also having countersunk receiving portions in the marginal edges of the respective parts which are contiguous to the edge portions of said opening, a flexible cushion in said opening, a plate of substantially the same size as said opening placed in said opening and arranged above the said cushion and between the marginal edges of said parts which are contiguous to the edge portions of said opening, said plate having countersunk receiving portions in its marginal edges registering with the countersunk receiving portions in the marginal edges of said parts, and screws provided with heads for fastening said cushion and plate in position, the heads of said screws being arranged in the countersunk receiving portions, and said screws having their screw ends screwed into the said head or body, said plate moving inwardly when struck and assuming its normal initial position flush with the face of said body immediately after impact with a ball, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 16th day of April, 1904.

CHAS. E. R. MARTIN.

Witnesses:

FREDK. C. FRAENTZEL,
GEO. D. RICHARDS,