Feb. 26, 1924. 1,485,272

H. J. KINSMAN

GOLF CLUB

Filed Feb. 27, 1923

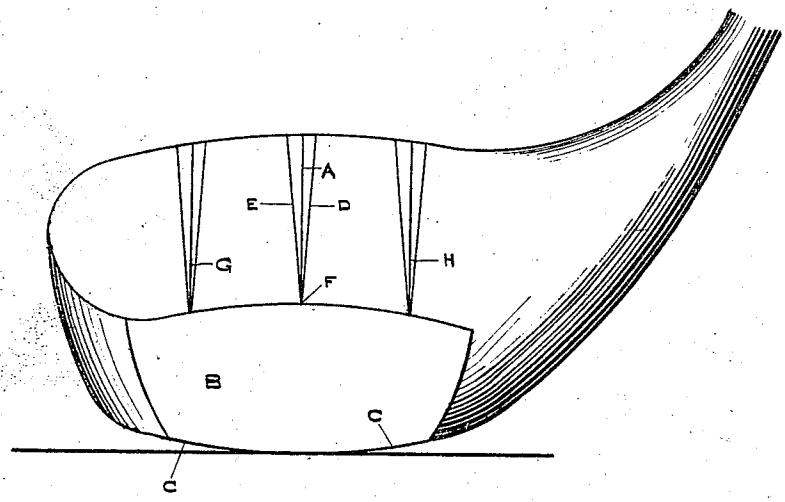


FIG.1.

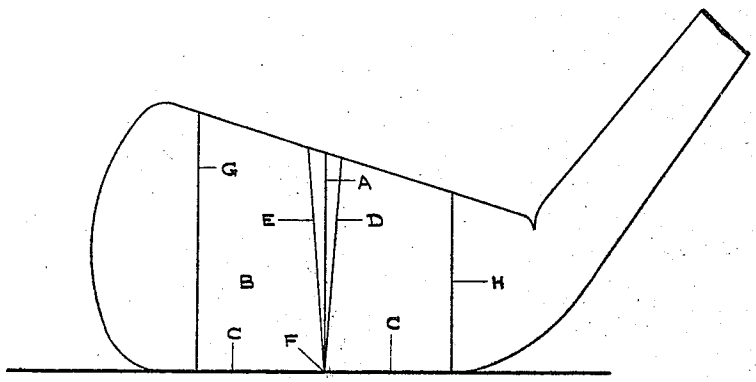


FIG.2.

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UNITED STATES PATENT OFFICE.

HAROLD JOHN KINSMAN, OF FALMOUTH, ENGLAND.

GOLF CLUB.

Application filed February 27, 1923. Serial No. 621,638.

To all whom it may concern:

Be it known that I, HAROLD JOHN KINSMAN, a subject of the King of England, residing at Tredourva, Melville Road, Falmouth, England, have invented certain new and useful Improvements in Golf Clubs (for which I have filed an application in England 14th February, 1922, Serial No. 4,142), of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to golf clubs provided with a guide line on the face or top to indicate the initial direction of the ball, the object of the invention being to provide an improved combination and arrangement of such lines by the aid of which the performance of variations in the normal stroke may be effected with ease and efficiency.

According to the present invention, in addition to the known guide line in a plane which is normal both to the striking face and to the addressing surface there is also provided one or two lines inclined at an angle to the guide line and preferably meeting the latter at the point where it joins the edge of the surface bearing it. Preferably there are two such inclined lines, one on each side of the guide line and conveniently both at the same angle thereto, their object being to enable the player either to "slice" or to "pull" the ball should he so desire.

The guide and inclined lines are preferably substantially central in relation to the striking face of the club, and additional guide lines may be provided on either side thereof. The central guide line indicates the normal striking portion of the club, the additional guide lines being for use when it is desired either to increase or to reduce the travel of the ball by striking it at a spot further from or nearer to the handle shaft. Inclined lines may also be provided for each of the additional guide lines if desired.

In the accompanying drawings:—

Figure 1 is a perspective view showing the striking face and the top of the head of a driver according to the present invention.

Figure 2 is an elevation of a face of a lofting iron according to the present invention.

Like letters indicate like parts throughout the drawings.

The driver illustrated in Figure 1 is provided with a known guide line A on the upper surface of its head, the line A being in a plane which is normal both to the striking face B and to the addressing surface C. On each side of the guide line A there is provided a line D and E respectively, inclined at an angle thereto. The two inclined lines D and E are preferably disposed as illustrated meeting the guide line A at the point F where it joins the front edge of the surface bearing it. The three lines A, D, and E thus form an arrow head, and in playing the normal stroke of any club, the guide line A corresponding to the stem of the arrow is contained in the path of the head; when the stroke is so played the initial course of the ball will be in the same vertical plane as the continuation of the line A. The object of the inclined lines D and E is to enable the player either to "slice" or to "pull" the ball should he so desire for which purpose these inclined lines indicate the path in which to swing the club whilst addressing the ball and in making the initial portion of the swing, whilst the guide line A will indicate in all cases the path which the head of the club should take during the concluding stages of the stroke. The mental image given when addressing a ball by the inclined and guide lines of the angular deflection required in the path of the head of the club will persist during the stroke and form a considerable aid to the player in controlling such path in the desired manner.

In addition to the guide line A, with its inclined lines D and E described above, which line also indicates the normal striking portion of the club, one or two additional guide lines may be also provided; preferably there are two such additional guide lines G and H as illustrated one on each side of the normal one, their object being for use when it is desired either to increase or to reduce the travel of the ball by striking it at a spot on the club head further from or nearer to the handle shaft. Such additional guide lines may also be provided as shown in Fig. 1 with like inclined lines to those described above and illustrated at D and E, although it is generally found sufficient only to provide the inclined lines in respect of the central guide line A, since when using either of the other guide lines the central inclined lines can be used to assist in controlling the path of the club head.

What I claim and desire to obtain by Letters Patent is:—

1. In a golf club the combination with a

guide line on one face thereof in a plane normal both to the striking face and to the addressing surface, of a line inclined to the guide line on one side thereof and intersecting it at the edge of the face.

2. In a golf club the combination with a guide line on one face thereof extending to the front edge of such face in a plane normal both to the striking face and to the addressing surface, of a line inclined to the guide line on both sides thereof, the two inclined lines meeting the guide line at the point where it joins the edge of the face bearing it, substantially as specified.

3. In a golf club the combination with a substantially central guide line on one face thereof extending to the front edge of such face in a plane normal both to the striking face and to the addressing surface, of a line inclined to the guide line on both sides thereof, the two inclined lines meeting the guide line at the point where it joins the edge of the face bearing it, and an additional guide line on either side of the central one and parallel thereto, substantially as specified.

4. In a golf club the combination with a substantially central guide line on one face thereof extending to the front edge of such face in a plane normal both to the striking face and to the addressing surface, of a line inclined to the guide line on both sides thereof, the two inclined lines meeting the guide line at the point where it joins the edge of the face bearing it, an additional guide line on either side of the central one and parallel thereto, and a line inclined to and meeting such additional guide line, substantially as specified.

5. In a golf club the combination with a substantially central guide line on one face thereof extending to the front edge of such face in a plane normal both to the striking face and to the addressing surface, of a line inclined to the guide line on both sides thereof, the two inclined lines meeting the guide line at the point where it joins the edge of the face bearing it, an additional guide line on both sides of the central one and parallel thereto, and lines inclined to and meeting such additional guide lines, substantially as specified.

In testimony whereof I hereunto affix my signature.

HAROLD JOHN KINSMAN.

Witnesses:
DONALD T. JONES,
KATHLEEN WYATT.