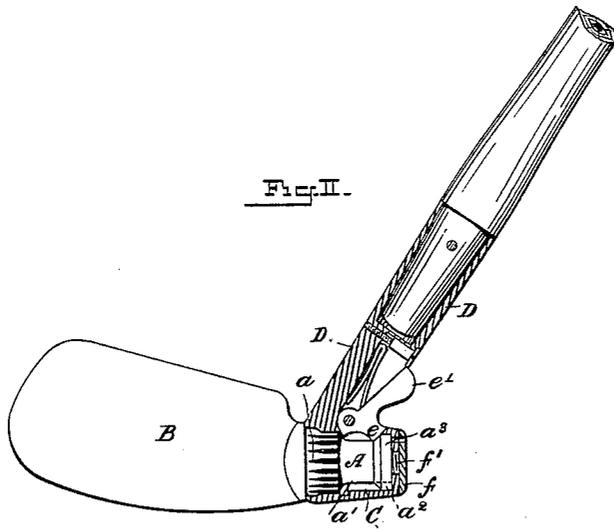
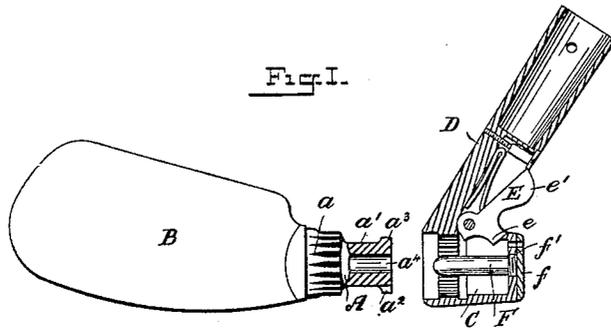


(No Model.)

D. I. & R. L. URQUHART.  
GOLF CLUB.

No. 569,438.

Patented Oct. 13, 1896.



Witnesses  
G. V. Bidgood  
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David Inglis Urquhart  
and  
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By Amig 1896  
Attys.

# UNITED STATES PATENT OFFICE.

DAVID INGLIS URQUHART, OF GLASGOW, AND ROBERT LISH URQUHART,  
OF EDINBURGH, SCOTLAND.

## GOLF-CLUB.

SPECIFICATION forming part of Letters Patent No. 569,438, dated October 13, 1896.

Application filed March 10, 1896. Serial No. 582,648. (No model.) Patented in France March 18, 1895, No. 252,585, and in Belgium February 11, 1896, No. 119,794.

*To all whom it may concern:*

Be it known that we, DAVID INGLIS URQUHART, coalmaster, residing at 47 Westbourne Gardens, Glasgow, in the county of Lanark, and ROBERT LISH URQUHART, gentleman, residing at 31 Lauder Road, Edinburgh, in the county of Mid-Lothian, Scotland, subjects of the Queen of the United Kingdom of Great Britain and Ireland, have invented new and useful Improvements in Golf-Clubs, (for which we have secured Letters Patent in France, No. 252,585, dated March 18, 1895, and in Belgium, No. 119,794, dated February 11, 1896,) of which the following is a specification.

Our invention has for its object to provide more efficient means for adjusting the head to the shaft, so that the head may be set to any desired angle.

In the drawings, Figure 1 is a sectional elevation showing parts disconnected; and Fig. 2 a similar view, showing parts in position, of our improved golf-club.

We form the tailpiece A of the head B with a circle of grooves or teeth around its circumference, the ends  $a$  of the said grooves or spaces between the teeth being tapered, as shown, so that on the said tailpiece being placed in position in the internally-grooved recess C of the lower portion D the two sets of grooves and teeth become locked with each other and are held in such position by means of the tailpiece  $e$  of the pivoted spring-actuated lever E, as shown in Fig. 2, there being a suitably-recessed portion  $a'$  in the tailpiece A for the end of the lever E to work in.

The arrangement in accordance with our present improvements is such that the button  $e'$  of the lever E is at the back of the club, and consequently out of the player's line of sight. The rim or edge  $a^2$  of the recessed portion  $a'$  is provided with a slot  $a^3$ , so as to enable the head B to be disengaged when de-

sired, by turning the head B a half of a circle and withdrawing it from the lower portion D.

In order to steady and guide the movements of the tailpiece A in the lower portion D, I provide a guiding-pin F, having a large flat head  $f$  and screwed portion  $f'$ , said head  $f$  being riveted or otherwise connected to the lower portion D after the screw  $f'$  has been driven home, said pin F working in a hole  $a^4$  in the tailpiece A.

The whole thus forms an efficient adjustable golf-club head, which may be used as a substitute for various clubs, that is to say, the head may be set at any desired angle to the shaft by simply pressing in the top end of the lever E, pulling out and turning around the tailpiece A, and then engaging it in the recess C of the end portion of the shaft.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. In a golf-club, the combination of the recessed head C formed with the internal grooves and the head B having tailpiece A provided with the tapered teeth or ribs  $a$  adapted to fit snugly within the grooves of the recessed head C, and means for securing the tailpiece within the recessed head, substantially as set forth.

2. In a golf-club, the combination of the recessed head C having the annular series of internal grooves, the head B formed with a tailpiece A and the circular series of tapered teeth  $a$ , and means for securing the tailpiece A within the head C.

3. In a golf-club, the combination of the recessed head C, the guiding-pin F, the head B having the tailpiece A formed with a central opening adapted to fit over the guide-piece F, and means for securing the tailpiece within the head, substantially as set forth.

4. In a golf-club, the combination of the recessed head C, the head B formed with the tailpiece A supported in said recessed head,

and a locking-lever E pivoted in the head C at the back of the club so as to be out of the player's line of sight, said lever E being adapted to engage the tailpiece A, substantially as described.

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 5. In a golf-club, the combination of the recessed head C, the locking-lever E pivoted in an opening at the back of the head C and formed with a button portion  $e'$ , and the  
 10 locking-shoulder  $e$ , with the head B having the tailpiece A fitting in the recessed head C and formed with a shoulder  $a^3$  with which

the shoulder  $e$  of the lever engages, substantially as set forth.

DAVID INGLIS URQUHART.  
 ROBERT LISH URQUHART.

Witnesses to the signature of David Inglis Urquhart:

JOB M. CLINE,  
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 JOHN D. VENN.