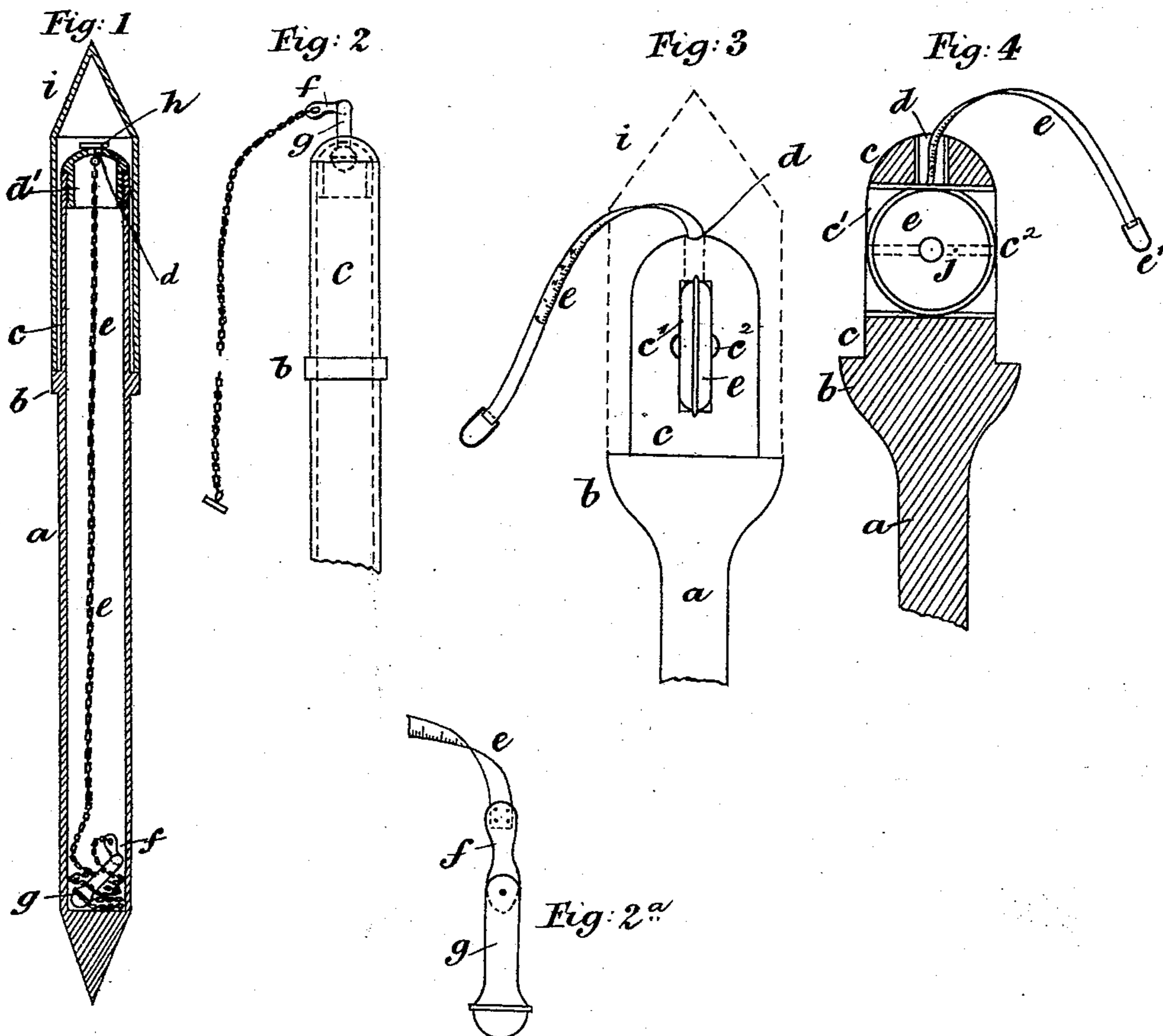


(No Model.)

F. A. O'B. BEDINGFELD.
QUOIT PEG.

No. 479,614.

Patented July 26, 1892.



Witnesses.
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QUOIT-PEG.

SPECIFICATION forming part of Letters Patent No. 479,614, dated July 26, 1892.

Application filed January 19, 1892. Serial No. 418,561. (No model.)

To all whom it may concern:

Be it known that I, FLEMING AUGUSTUS O'BRIEN BEDINGFELD, a subject of the Queen of Great Britain, residing at Northwood House, 5 Mutford Beccles, in the county of Suffolk, England, have invented a new and useful Combination Measuring-Peg and Marker Suitable for Playing Quoits and for other Purposes, of which the following is a specification.

10 My invention consists of a combination measuring-peg and marker, either with or without a loose cap, which combination peg and marker is fitted with a suitable measure that can be drawn out or returned at will, or 15 such measure may be made to wind up automatically.

Figure 1 is a sectional elevation of the peg. Fig. 2 is a side view of the top of the peg. Fig. 2^a is a detail view of the plug. Figs. 3 20 and 4 are respectively a side view and a vertical section of the top of a modification of the peg shown in Fig. 1.

Fig. 1 shows a sectional elevation of one of my improved combination measuring-pegs 25 and markers, which consists of a tubular peg *a*, having a shoulder *b* and a fixed hollow top *c*, which latter is screw-threaded internally at its upper end and fitted with a perforated screw-nut *d'*, or the screw-thread may be dispensed with and the nut may be made to fit 30 in the top like a plug, or in any other convenient manner. Such peg contains a length of chain or other suitable measure *e*, fitted at its lower end with a swivel *f* and plug *g*, and 35 at its upper end, which passes through the screw-nut, with a button *h* or its equivalent. A loose cap *i* fits over the top of the peg. In playing quoits the peg is put in the ground and the loose cap placed over the top, as shown in the 40 drawings, to prevent injury thereto, and when it is desired to ascertain the distance to any given point the chain or other measure is drawn out sufficiently to take the required measurement. When the chain or other 45 measure is drawn out to its full extent, as shown in Fig. 2, the swivel allows it to be moved round the peg in any direction without twisting, while the plug prevents its lower end escaping through the perforated nut, and

when the chain or other measure is returned 50 into the peg such plug acts as a weight to draw the chain or other measure down, while the button prevents it passing through the nut into the body of the peg.

Fig. 2 shows a detail view, in elevation, of 55 the head of the peg with the loose cap removed and the chain drawn out. Fig. 2^a shows a detail view of the plug *g* and swivel *f*, the latter being riveted to the case of a spring-measure, so that the measure winds up 60 automatically.

Fig. 3 shows in side elevation a modification of my invention, which consists in making the peg *a* solid, with a shoulder *b* and fixed 65 head *c*, having a recess *c'* therein and a draw-out hole *d* in the top. Fitted in such recess is a spring-measure *e*, the outer end whereof is passed through the draw-out hole *d* and furnished with a loop *e'*, whereby the measure can be drawn out to any desired length. 70 The head or top *c* is fitted with a loose cap *i* in a similar manner as already described with reference to Fig. 1, such cap being shown in dotted outline. A groove *c²* is formed in each 75 side of the recess *c'*. In these grooves the central stud or pin *j*, Fig. 4, of the spring-winder rests, thus holding the measure in position, while the recess is made sufficiently narrow to keep such central stud or pin depressed, so as to allow the measure to wind 80 and unwind easily.

Fig. 4 is a sectional front elevation of the head or top of the peg *c*, showing in dotted 85 outline one of the grooves *c²* in the recess *c'*, with the spring-measure *e* fitted therein.

What I claim is—

1. The combination, with a peg provided with a chamber and a central hole *d* at its top, of a flexible measuring device carried in the said chamber and adapted to be drawn out 90 through the said central hole, whereby the distances of surrounding objects from the peg may be measured, substantially as set forth.

2. The combination, with a hollow peg provided with a central hole *d* at its top, of a 95 flexible measuring device provided with the plug *g* and the swivel *f* and adapted to be drawn out of the peg through the said cen-

tral hole, substantially as and for the purpose set forth.

3. The combination, with a peg provided with a chamber and a central hole *d* at its top,
5 of a flexible measuring device carried in the said chamber and adapted to be drawn out through the said central hole, and a cap fitting over the top of the peg and protecting

the projecting end of the said measuring device, substantially as set forth.

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SAML. JAS. SMITH,

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