(No Model.)

H. F. MANN.

QUOIT.

No. 281,773. Patented July 24, 1883.

Fig. 1.

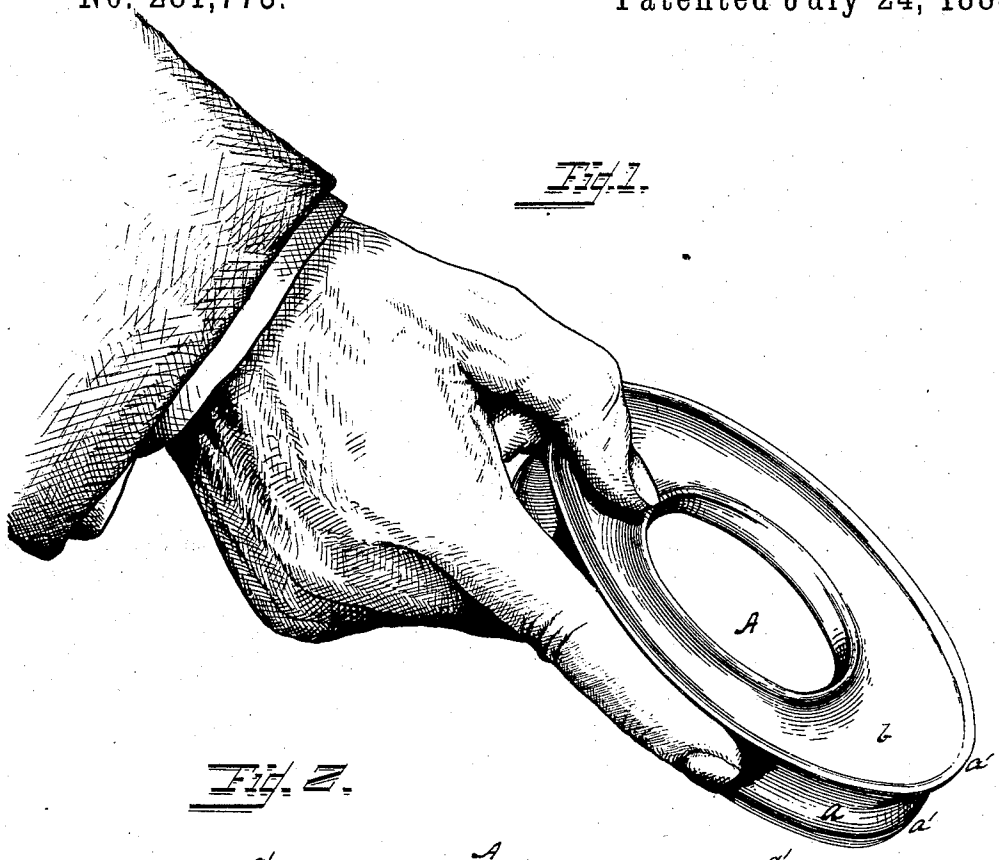
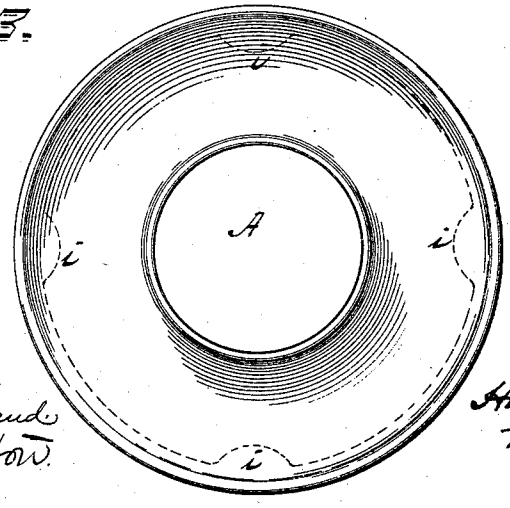


Fig. 2.



Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

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QUOIT.

SPECIFICATION forming part of Letters Patent No. 281,773, dated July 24, 1883.

Application filed June 26, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. MANN, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Disks or Quoits for use in the Game of Quoits; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, wherein—

Figure 1 is a perspective view of the quoit, showing the manner of holding the same. Fig. 2 is a sectional view. Fig. 3 is a face view or elevation.

Like letters refer to like parts wherever they occur.

Heretofore the quoit commonly used has been an annular disk having one convex or beveled face and one flat or slightly cupped face, and has been liable to turn over, roll, or slide after striking the earth, thus materially interfering with the accuracy and skill of the play. Furthermore, as the only grip for the thumb of the player was upon the convex surface of the disk or the inner edge of the ring, there was a liability of the disk slipping in the hand and disarranging the aim, or else the thumb was unnaturally spread from the forefinger in order to obtain a firm hold on the inner margin of the annulus.

The object of my present invention is twofold: first, to enable the quoit to be seized and held firmly in an easy, comfortable, and natural position, so that the aim shall not be disturbed by change of position of the quoit in the hand during the act of throwing, and to this end it consists in forming a thumb-groove in the face of the quoit; and, secondly, to obviate the rolling or turning over of the quoit after it strikes the earth, and to this end it consists in forming the quoit with a peripheral groove, which not only provides biting or embedding edges on both faces of the quoit, which prevents its rolling over or sliding upon striking the earth, but also provides a means for bracing the forefinger of the thrower.

I will now proceed to describe my invention more specifically, so that others skilled in the art to which it appertains may apply the same.

In the drawings, A indicates the quoit, which may be of any suitable material, but is commonly of cast metal, or, if of other material—as, for instance, wood, rubber, &c—should be weighted to give it the required gravity. The disk A is of greatest thickness or width at or near its periphery, and is provided with a peripheral groove, *a*, of sufficient depth to form the acute edges *a'*, and this groove will also accommodate the forefinger of the player and facilitate a firm grip. On one or both faces of the disk A are annular thumb-grooves *b*, which permit the thumb, when holding the quoit, to assume an easy and natural position approaching and substantially parallel with the forefinger.

It will be observed that the groove *b* and peripheral groove *a* reduce the disk at its periphery to an acute edge or edges, which, when the quoit is thrown, will, upon striking the earth, embed itself and prevent the rolling over or sliding of the quoit, and when, as preferred, the thumb-groove *b* is formed on both sides, a double-faced quoit will be obtained, with all its attendant advantages. Where the thumb-groove *b* is made in both faces of the quoit, the under groove, when the quoit is held in position for throwing, will receive the second finger of the player, and thus provide a seat which increases the firmness of the grip and the easy and natural position of the thumb and several fingers of the hand.

When desired, a series of depressions may be made at intervals in the bottom of the peripheral groove *a*, as indicated by dotted lines *i*, Fig. 3, in order to increase the purchase of the forefinger. Throughout the specification I have spoken of the groove *b* as annular, and have represented it as a continuous groove, because such is the preferred form, and it is more convenient to make it thus; but it is evident the groove *b* may be interrupted or segmental with attendant advantages, and I hereby assert the same to be within the scope of my invention.

Having thus set forth the nature and advantages of my invention, what I claim, and desire to secure by Letters Patent, is—

1. A quoit provided on its face with a thumb-groove, substantially as and for the purposes specified.

2. A quoit having a peripheral groove, substantially as and for the purposes specified.

3. A quoit having a thumb-groove upon its face, and provided with a peripheral groove, substantially as and for the purposes specified.

4. A quoit having an annular thumb-groove upon each face, and a peripheral groove, substantially as and for the purposes specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 23d day of June, 1883.

HENRY F. MANN.

Witnesses:
F. W. RITTER, Jr.,
H. B. MOULTON.