United States Patent [19]

Von Camber

[11] **3,728,795**

[45] **Apr. 24, 1973**

[54] **COIN DEGREE FINDER**

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[22] Filed: **Nov. 8, 1971**

[21] Appl. No.: **196,491**

[52] **U.S. Cl.** .....**33/1 N,** 33/75 R, 73/163

[51] **Int. Cl.**.....**G07f 3/02**

[58] **Field of Search** .....229/92.9; 73/163; 33/1 BB, 1 N, 174, 75

[56] **References Cited**

UNITED STATES PATENTS

3,349,612 10/1967 Sherman 73/163

Primary Examiner—Harry N. Haroian

[57] **ABSTRACT**

A coin degree finder, the device consisting of a 360° protractor of transparent material so to permit viewing therethrough, a circular snap on lid with a scribed center line thereacross, and the lid being made of likewise transparent material, and the device in one form of the invention also including a set of inserts each one of which is adaptable to receive a different denominator of coin, the inserts selectively being receivable in a center opening of the protractor.

2 Claims, 2 Drawing Figures

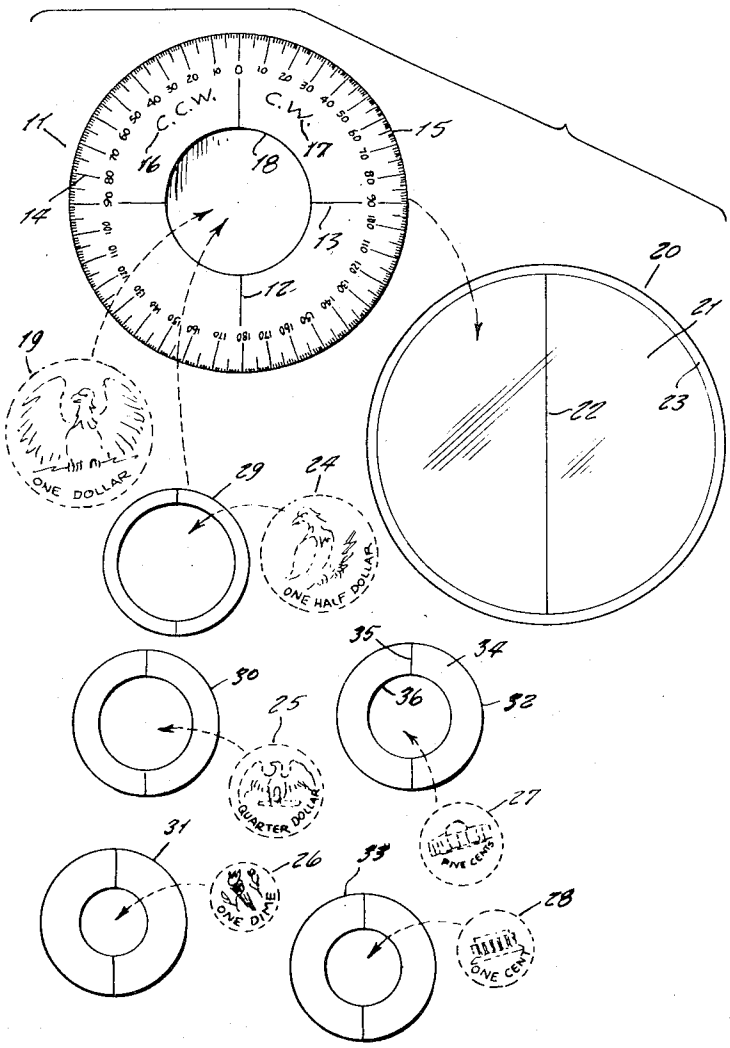


Fig. 1

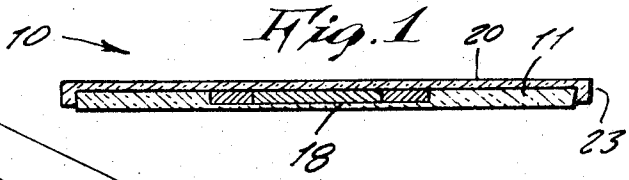
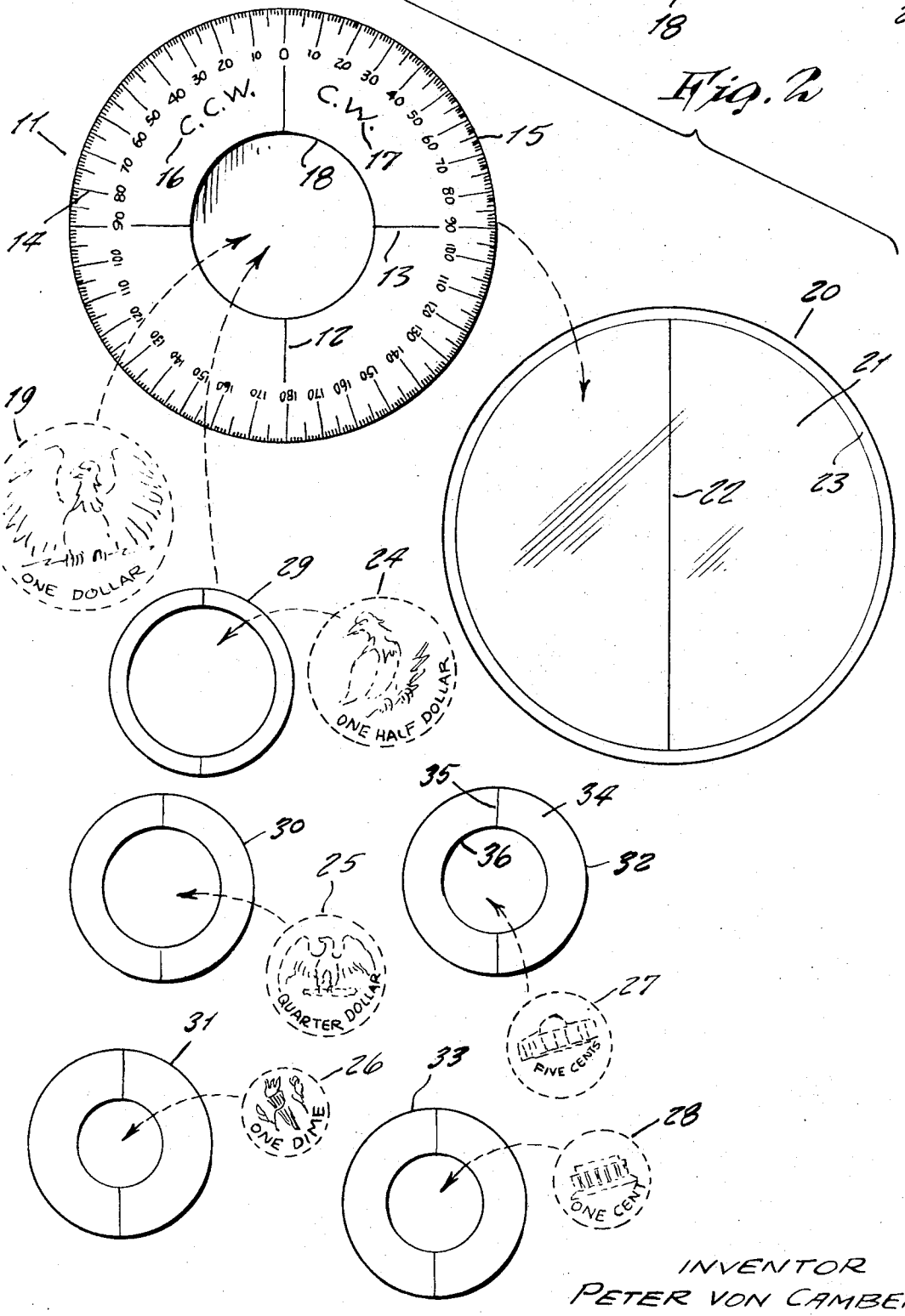


Fig. 2



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COIN DEGREE FINDER

This invention relates generally to accessories used by coin enthusiasts and coin collectors.

A principle object of the present invention is to provide a coin degree finder for use with various different denomination of coins to find to what degree the opposite side of a coin are off clockwise or counter-clockwise respective to each other.

Another object is to provide a coin degree finder which together with set instructions would be issued as to the center of each coin.

Another object is to provide a coin degree finder which may be produced in two types; one of which includes a set of different size inserts adapted for different coins, and the other set not including the inserts.

Other objects are to provide a coin degree finder which is simple in design, inexpensive to manufacture, rugged in construction, easy to use, and efficient in operation.

These and other objects will be readily evident upon a study of the following specification and the accompanying drawings wherein:

FIG. **1** is a side cross sectional view of the invention shown assembled.

FIG. **2** is a view of the different parts of the invention shown separated.

Referring now to the drawing in detail, the reference numeral **10** represents a coin degree finder according to the present invention wherein there is a circular protractor **11**, made of transparent plastic material, the protractor having scribed on one side thereof a pair of cross lines **12** and **13** at right angle to each other, and degree calibrations **14** which read from 0° to 180° on each opposite side of edge **15**. The cross lines **12** and **13** are associated with the calibrators **14** so that line **12** extends from 0° to 180° while the line **13** extends from 90° calibration on one side, to the 90° calibration on the other side. The calibrations on the left side of the 0° are indicated at **16** to be counter clockwise, while the calibrations on the right side of 0° are indicated at **17** to be clockwise.

A central depression **18** on the protractor **11** is concentric with the circular edge **15**; the depression **18** being of a size of a silver U.S. dollar coin **19**, and which accordingly can be placed therein. The depth of the depression is at least the thickness of the thickest coin for which it is intended to be used.

A circular lid **20** made of transparent plastic, is adaptable to snap over the protractor; the lid including a circular top panel **21** with a single cross line **22** inscribed across its center, and the panel edge having a flange **23** for snapping around the protractor edge **15**.

When the coin degree finder is intended to be used for different sizes of coins such as a one-half dollar **24**, quarter **25**, dime **26**, nickel **27** or penny **28**, then the present invention also includes inserts **29** through **33** for associating with the respective coin; each insert consisting of a flat circular disc **34** which is of transparent plastic; all inserts being of a same size to fit into the depression **18**. A single cross line **35**, is scribed centrally across each disc **34**, and a central opening **36** through the disc is of a size so to fit the particular coin, as shown in the drawing.

In operative use, it is now evident how the coins may be utilized with the invention. By aligning a front side of the coin with the cross lines of the lid **20** and the insert **29**, and/or the cross lines of the protractor, he can then look at the rear of the coin so to check to what degree the rear side of the coin design is out of line respective to the front side design of the coin.

As indicated, the device may be manufactured including the inserts so that it is adaptable for measuring different denominators or coins, or it can be manufactured without the inserts in which case the protractor depression is of a size so to receive the particular coin denominator only. Thus different finders would be manufactured for the different sizes of coins.

While changes may be made in the detail construction it is understood that such changes will be within the spirit and scope of the present invention.

I claim:

1. In a coin degree finder, the combination of a protractor and a lid, said protractor and lid having means whereby a design stamped on one side of a coin may be measured to a design stamped on an opposite side of said coin, so to see to what specific degree clockwise or counter clockwise, said designs are angularly off respective to each other, wherein said protractor is a circular disc of transparent material with degree calibrations therearound and cross lines scribed thereupon, said protractor having a central depression for placement of a coin therein, and said lid comprises a circular panel of transparent material with a cross line scribed thereupon, said lid having a flange to snap around said protractor.

2. The combination as set forth in claim **1**, wherein said finder also includes a set of inserts selectively receivable in said depression, each insert being of transparent material with a cross line scribed thereupon, and each insert having a central circular opening therethrough, said opening being of a size adaptable to receive a particular size of coin.

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