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(54) [A COMPACT DISC DEVICE]

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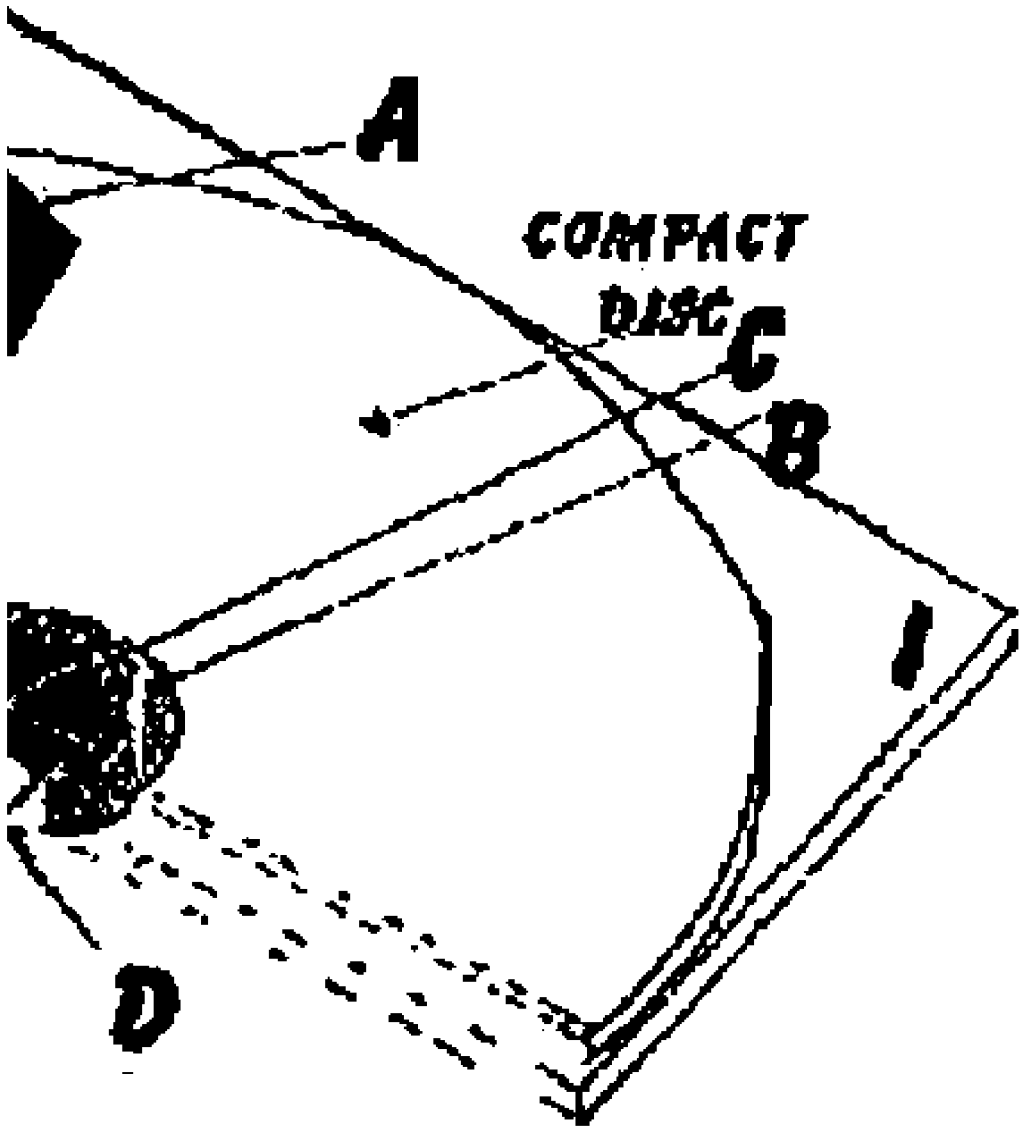
(57) **ABSTRACT**

The device allows the Compact Disc to spin on its axis. Part of the device comprises of a kite shaped key shaft, which is forced into the well located in the base of the spinner and can be used to grip the spinner. The base disc which has a split level surface that is forced into four parts expanding outwards and gripping the hole of the CD. The lower lip supports the weight of the CD. Located in the base of the spinner is a spike, which allows the CD to spin on its axis and can be spun on the jewel case tray or on any flat surface. The device disassembles to be stored between the back of the tray and the clear Jewel case so that the spike fits comfortably thru the hole and the Key is placed in the corner of the tray.



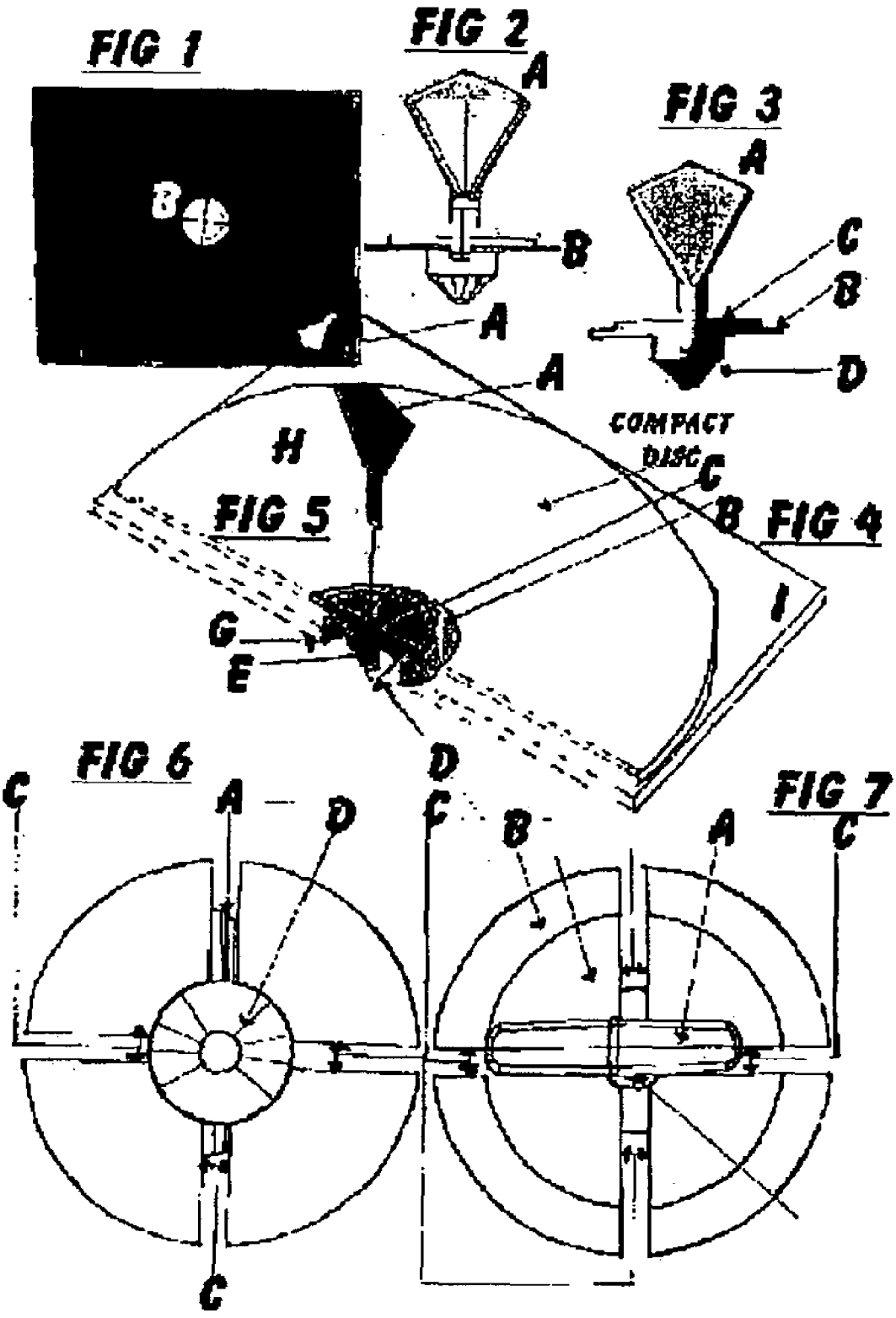


FIG 1
FIG 2
FIG 3
FIG 4
FIG 5
FIG 6
FIG 7
A
B
C
D
E
G
H
I
COMPACT DISC

[A COMPACT DISC DEVICE]

BACKGROUND OF INVENTION

[0001] Compact disc are well known device for storage of data, music, video and software. Most CD's are packed in Jewel cases and locked into place by raised spokes on the inner tray that grip the inner ring of the CD into place. CD's have only been used for a single purpose to record or play information.

BRIEF DESCRIPTION OF DRAWINGS

[0002] **FIG. 1** Shows in perspective a view of the spindle and base stored in the back or the CD Jewel case

[0003] **FIG. 2** Shows in perspective a line drawing side view of the key locked into well of the base of the spinner

[0004] **FIG. 3** Shows in perspective a shaded side view of the key locked into well of the base of the spinner.

[0005] **FIG. 4** Shows in perspective a Cross section of the key the base of the spinner fixed inside the compact disc center hole with the spike resting inside the teeth and hole in the tray on the Jewel case.

[0006] **FIG. 5** Is a close up of the spinning base and the teeth inside the jewel case tray.

[0007] **FIG. 6** Shown the underside view of the Spinning device with the spike located in the center.

[0008] **FIG. 7** Shows a perspective of the top view of the key and the base which holds the CD

[0009] Key

[0010] A is the Key kite shape spindle

[0011] B is the lips of the base supporting the CD

[0012] C is the surface of the 4 quarters that push out locking the hole of the CD

[0013] D is the spike

[0014] E is the well located in the base center where the key is pushed and then is locked in.

[0015] F is the where the four quarters of the base expand to lock the CD

[0016] G is the Teeth around the hole located in the center of the Jewel case tray.

[0017] H is the CD

[0018] I is the tray of the Jewel CD Case

DETAILED DESCRIPTION

[0019] According to the present invention there is provided a spindle device for a Compact Disc comprising of two parts of a spindle a key connected to a shaft, which fits in to a locking device located on the 2nd part. A base disc locks in to the center of the compact disc and below the spinner a spike allowing the Compact disc to spin on the axel. The spindle disassembles to fit in the molded spaces between the tray and the back of the back of the Jewel case.

1. The compact disc spinning key is unique because it allows you to spin the compact disc on any normal surface or on the tray of the jewel CD case.

2. A base and key assembles to fit thru the center of the Compact Disc and allows the compact disc to spin on the axis of the erected device.

3. The spinning device is dissembled and trapped in spaces between the back of the tray and the reverse side of the jewel case. The base of the spinner is reversed so the spike comes thru the hole where the teeth are located in the center of the tray. The key is placed in the corner of the tray around the outside of the CD molding

4. To take the spinner out you remove the CD and the tray to reveal where the spinner base and the key are stored. The tray is then replaced and the base of the spinner is placed into the CD's hole from below and the spinner fits snugly into the space filling the hole tightly. The Lip of the base firmly supports the CD from underneath preventing any slipping movement.

5. The Key pin is then inserted from the top into the well of the spinner, which compresses outwards the 4 quarters of the spinner like a clamp while locking tightly into the hole at the center of the CD.

6. The spike below the spinning base is used to pivot the CD and allow free movement while carefully balancing the CD in the center. The spike is long enough for the CD to be placed back in the CD tray where it is raised sufficiently to allow the CD to easily spin without much effort.

7. The top of the key above the pin is flat and wide shaped like a kite to allow your fingers to grip and spin the CD.

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