

# (12) United States Design Patent (10) Patent No.:

US D1,089,554 S

(45) Date of Patent: \*\* Aug. 19, 2025

## (54) CERAMIC VALVE

(71) Applicant: Xuancheng Gear Precision Industry

Co., Ltd, Xuancheng (CN)

(72) Inventor: **Man-Qiang Yin**, Shanghai (CN)

Term: 15 Years

Appl. No.: 29/867,299 (21)

(22)Filed: Oct. 19, 2022

#### (30)Foreign Application Priority Data

Ap	r. 19, 2022	(CN	)	20223022	0549.7
(51)	LOC (15)	<b>Cl.</b>			23-01
(52)	U.S. Cl.				

## Field of Classification Search

USPC ...... D23/233, 245, 235, 254, 255 CPC ....... F16K 1/48; F16K 31/508; F16K 5/0694; F16K 11/0746; F16K 11/0743; F16K 27/045; F16K 11/0787

See application file for complete search history.

#### (56)**References Cited**

## U.S. PATENT DOCUMENTS

6,202,695 B1*	3/2001	Wu F16K 3/08
6.640.357 B1*	11/2003	137/454.6 Chang F16K 11/0746
0,040,337 B1	11/2003	4/677
7,174,916 B2*	2/2007	Chang F16K 11/0743
		137/637.3
D623,724 S *	9/2010	Thomas D23/233
D633,987 S *	3/2011	Thomas D23/233
D891,583 S *	7/2020	Li D23/233

2009/0025800 A1	* 1/2009	Lopp F16K 27/045
2010/0058534_A1	* 3/2010	137/454.6 Martin F16K 11/0787
		4/677
2011/0214/32 A1	** 9/2011	Yang G05D 23/1313 137/100

\* cited by examiner

Primary Examiner — Gino Colan (74) Attorney, Agent, or Firm — Egbert, McDaniel & Swartz, PLLC

#### (57)**CLAIM**

The ornamental design for a ceramic valve as shown and

### DESCRIPTION

FIG. 1 is an upper perspective view of a ceramic valve showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof:

FIG. 4 is a side view thereof;

FIG. 5 is an opposite side view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

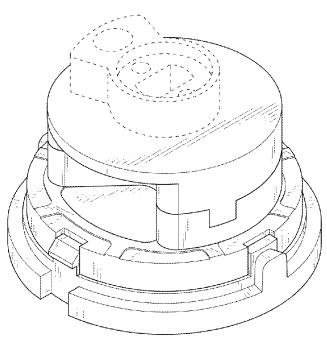
FIG. 8 is a lower perspective view thereof;

FIG. 9 is an exploded view thereof; and,

FIG. 10 is a perspective view showing the ceramic valve in a condition of use, wherein a housing is shown being positioned over the ceramic valve.

The broken line showing of the housing in the upper portion of FIG. 10 illustrates the environment of the claimed design and forms no part of the claimed design. The remaining broken lines in FIGS. 1-10 illustrate portions of the ceramic valve that form no part of the claimed design.

## 1 Claim, 10 Drawing Sheets



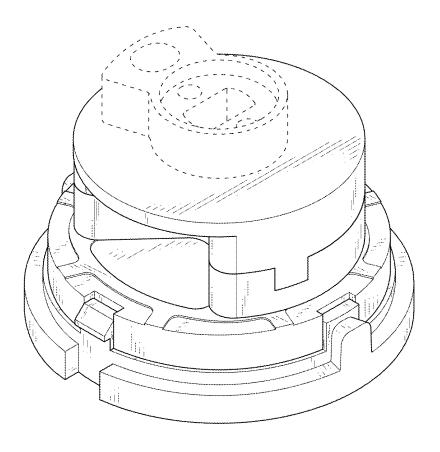


FIG.1

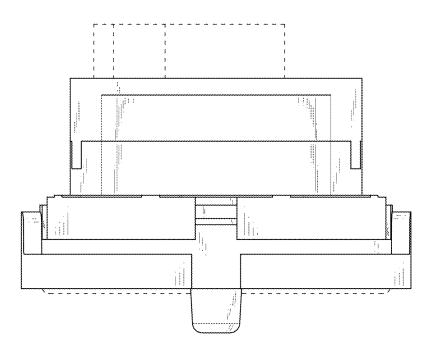


FIG.2

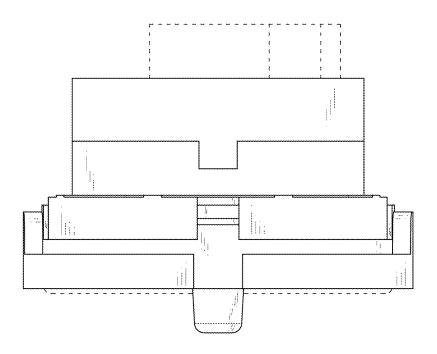


FIG.3

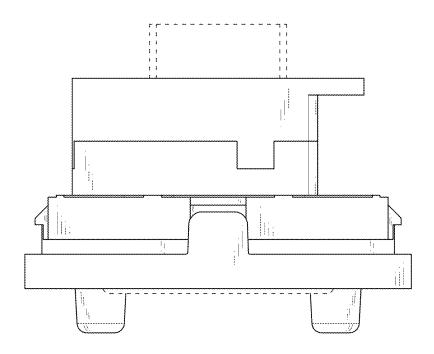


FIG.4

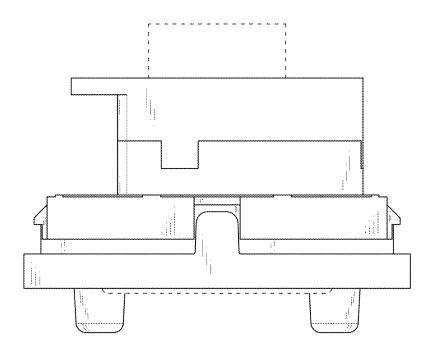


FIG.5

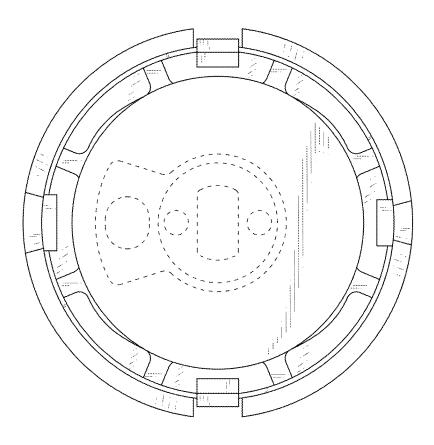


FIG.6

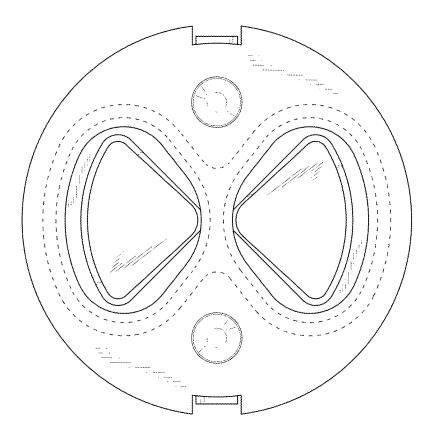


FIG.7

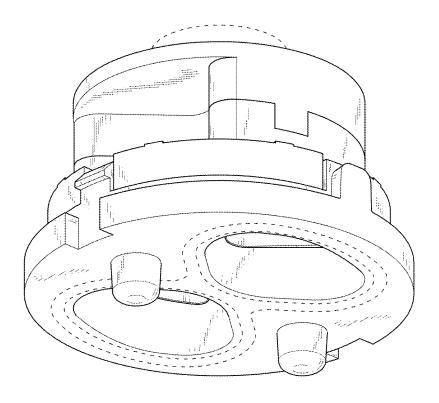


FIG.8

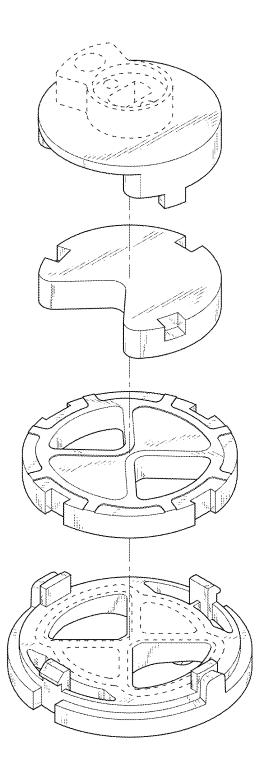


FIG.9

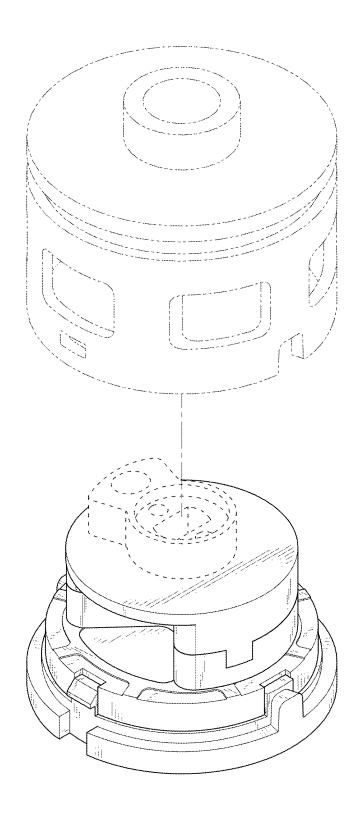


FIG.10