



US00D539872S

(12) **United States Design Patent**  
**Grether**

(10) **Patent No.:** **US D539,872 S**

(45) **Date of Patent:** **\*\* Apr. 3, 2007**

(54) **FLOW REGULATOR**

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(73) Assignee: **Neoperl GmbH**, Mullheim (DE)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/260,253**

(22) Filed: **May 22, 2006**

3,363,841 A *	1/1968	Aghnides .....	239/428.5
4,313,564 A	2/1982	Shames et al.	
4,971,117 A *	11/1990	Hendrickson .....	138/41
5,467,929 A	11/1995	Bosio	
D428,114 S	7/2000	Le Bars	
6,126,093 A	10/2000	Grether et al.	
6,152,182 A	11/2000	Grether et al.	
6,892,964 B2	5/2005	Grether et al.	
6,902,123 B2	6/2005	Grether et al.	
D516,182 S	2/2006	Buttgen	
7,093,425 B2 *	8/2006	Jankowski et al. ....	60/284
2006/0011748 A1	1/2006	Ferrari	

**Related U.S. Application Data**

(62) Division of application No. 29/224,543, filed on Mar. 3, 2005.

(30) **Foreign Application Priority Data**

Sep. 3, 2004 (EP) ..... 000223235

(51) **LOC (8) Cl.** ..... **23-01**

(52) **U.S. Cl.** ..... **D23/249**

(58) **Field of Classification Search** ..... D23/233-237,  
D23/244-249, 255, 257, 260, 241, 242, 213;  
138/40-42, 37; 239/428.5, 552, 553.3, 553.5;  
261/DIG. 22

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,793,016 A	5/1957	Aghnides	
2,797,906 A *	7/1957	Aghnides .....	261/76
2,849,217 A *	8/1958	Bachli et al. ....	261/76

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a flow regulator, as shown and described.

**DESCRIPTION**

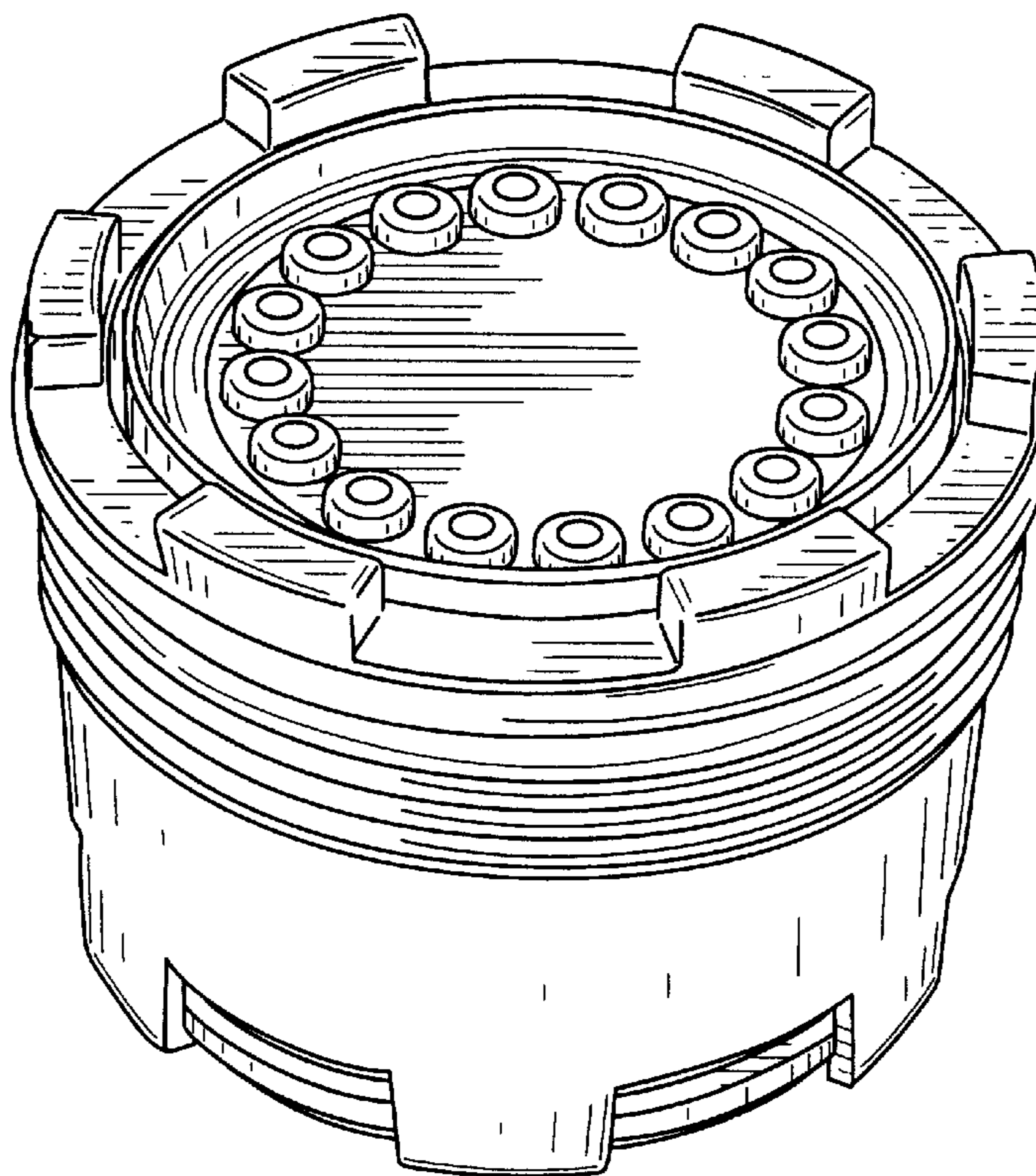
FIG. 1 is a top perspective view of a flow regulator showing my new design;

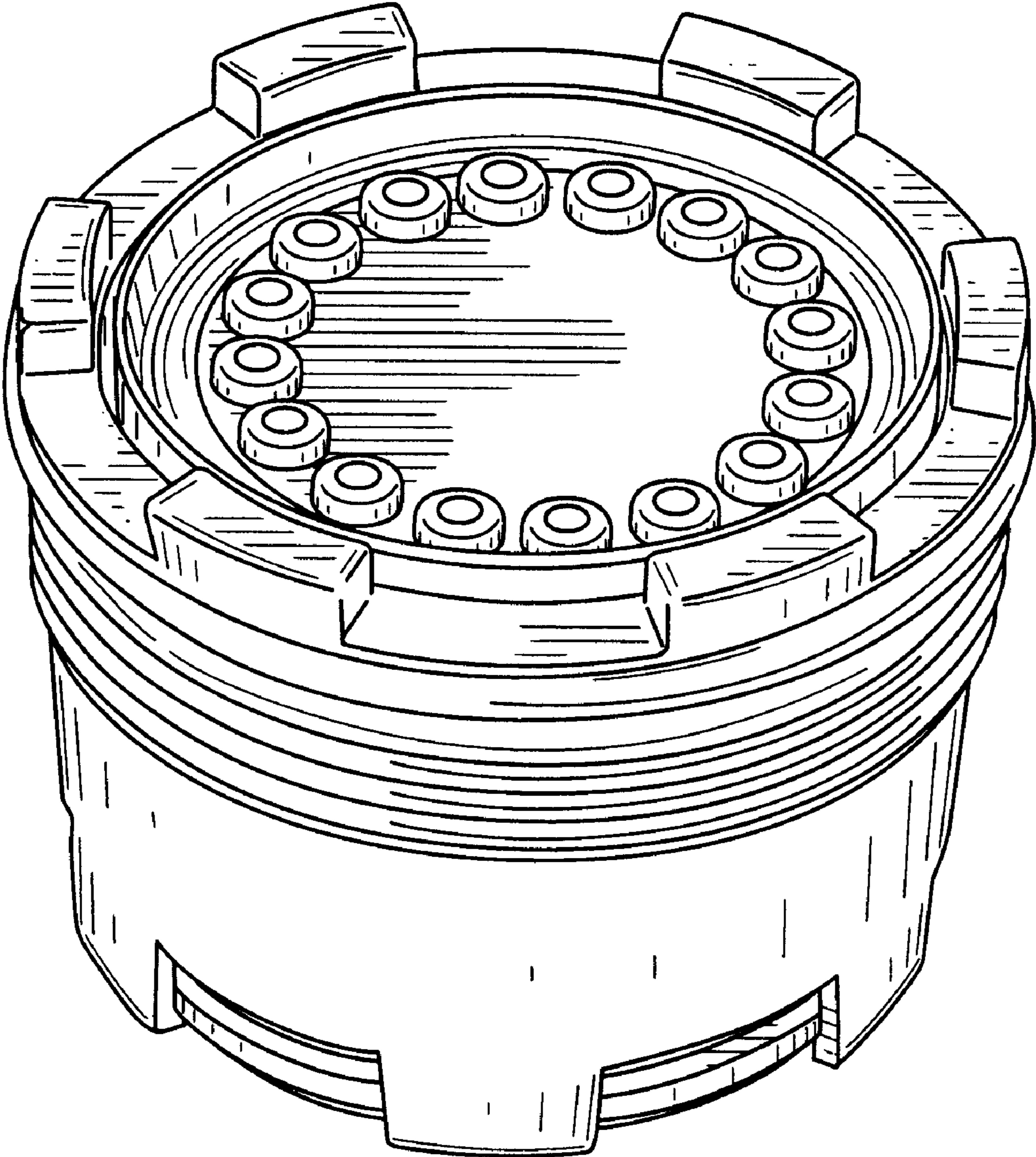
FIG. 2 is an elevational view thereof;

FIG. 3 is a top plan view thereof; and,

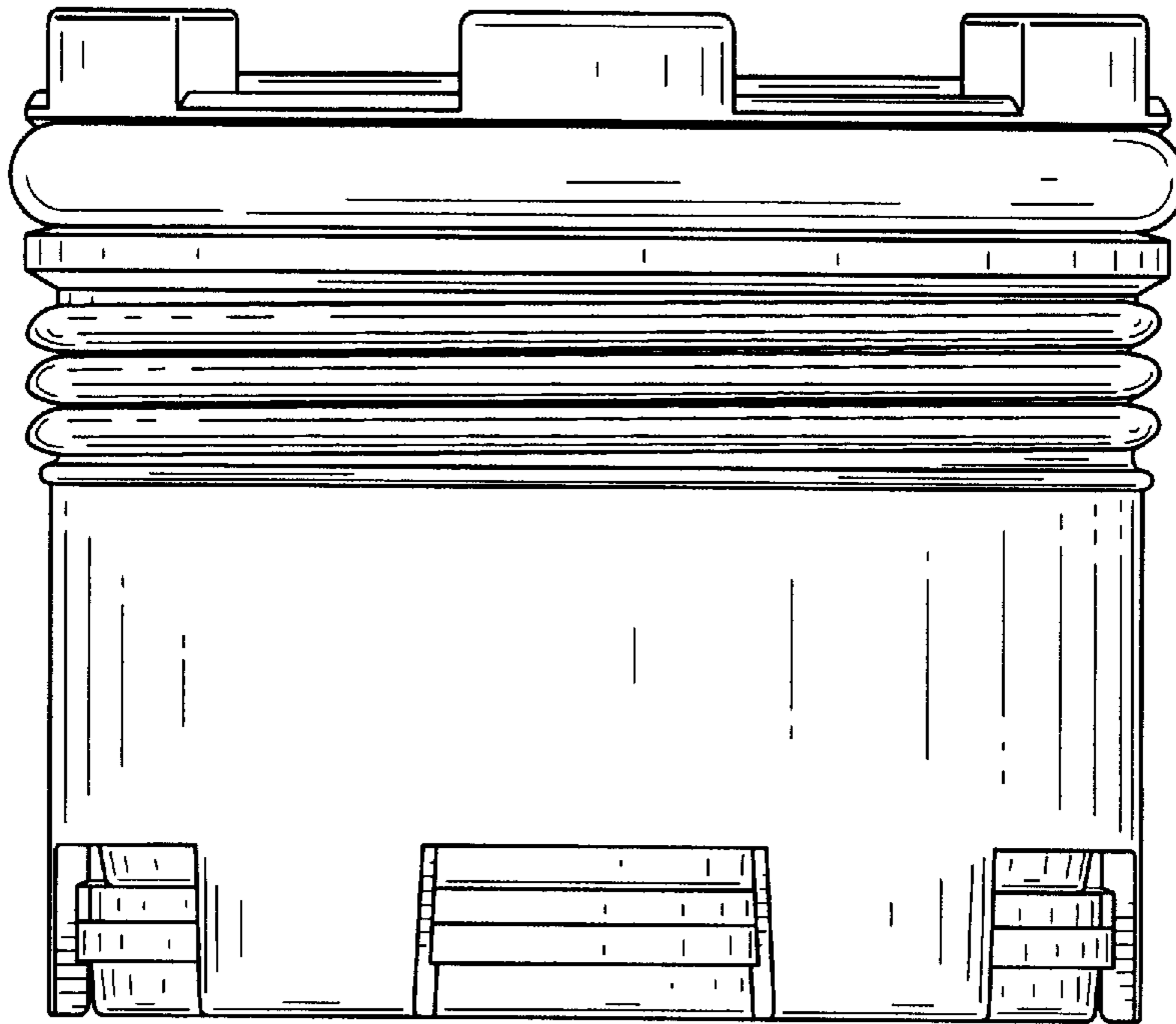
FIG. 4 is a bottom plan view thereof, wherein the dashed lines show environmental matter for illustrative purposes only and do not form part of the claimed design.

**1 Claim, 3 Drawing Sheets**

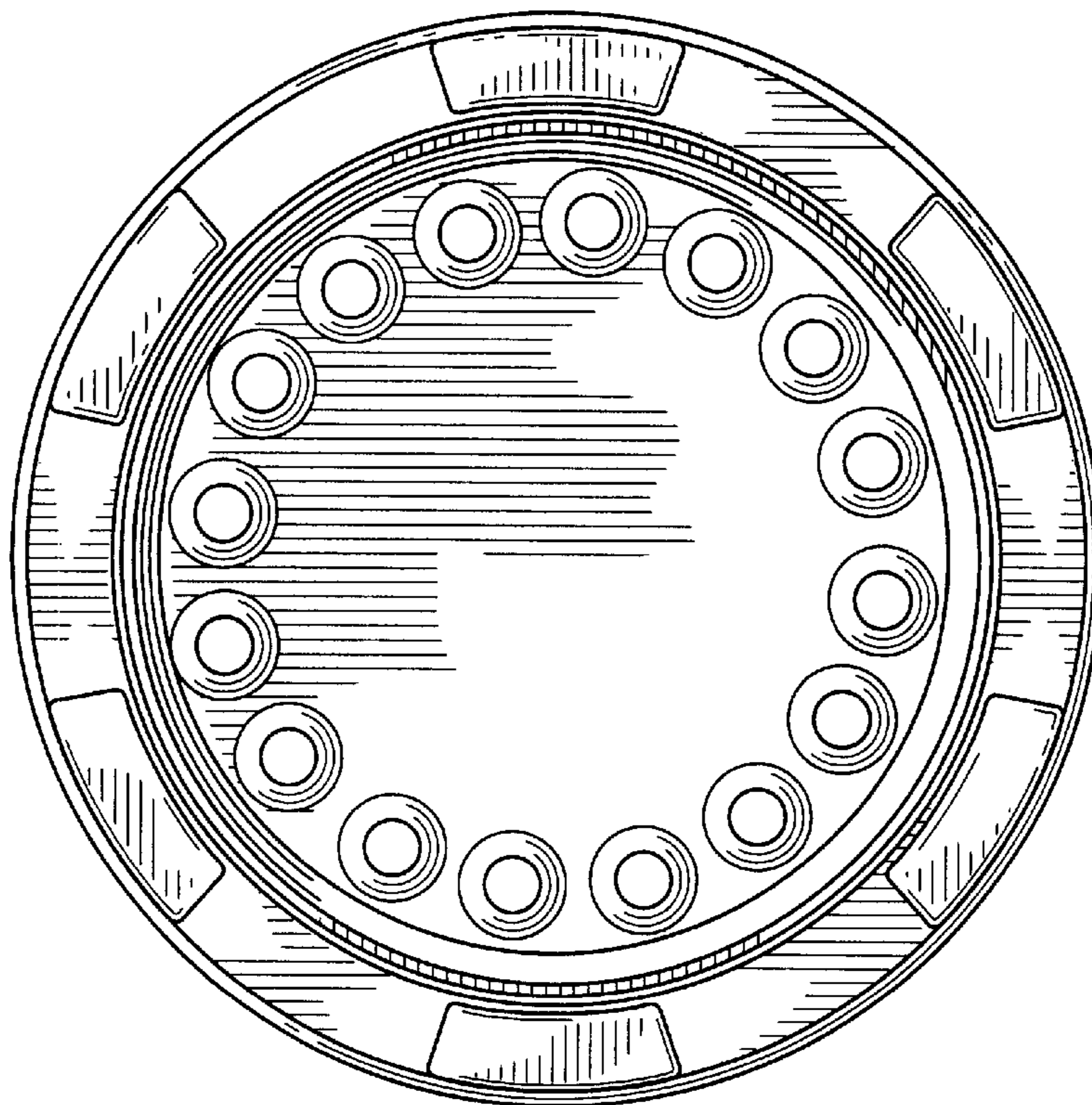




**FIG. 1**

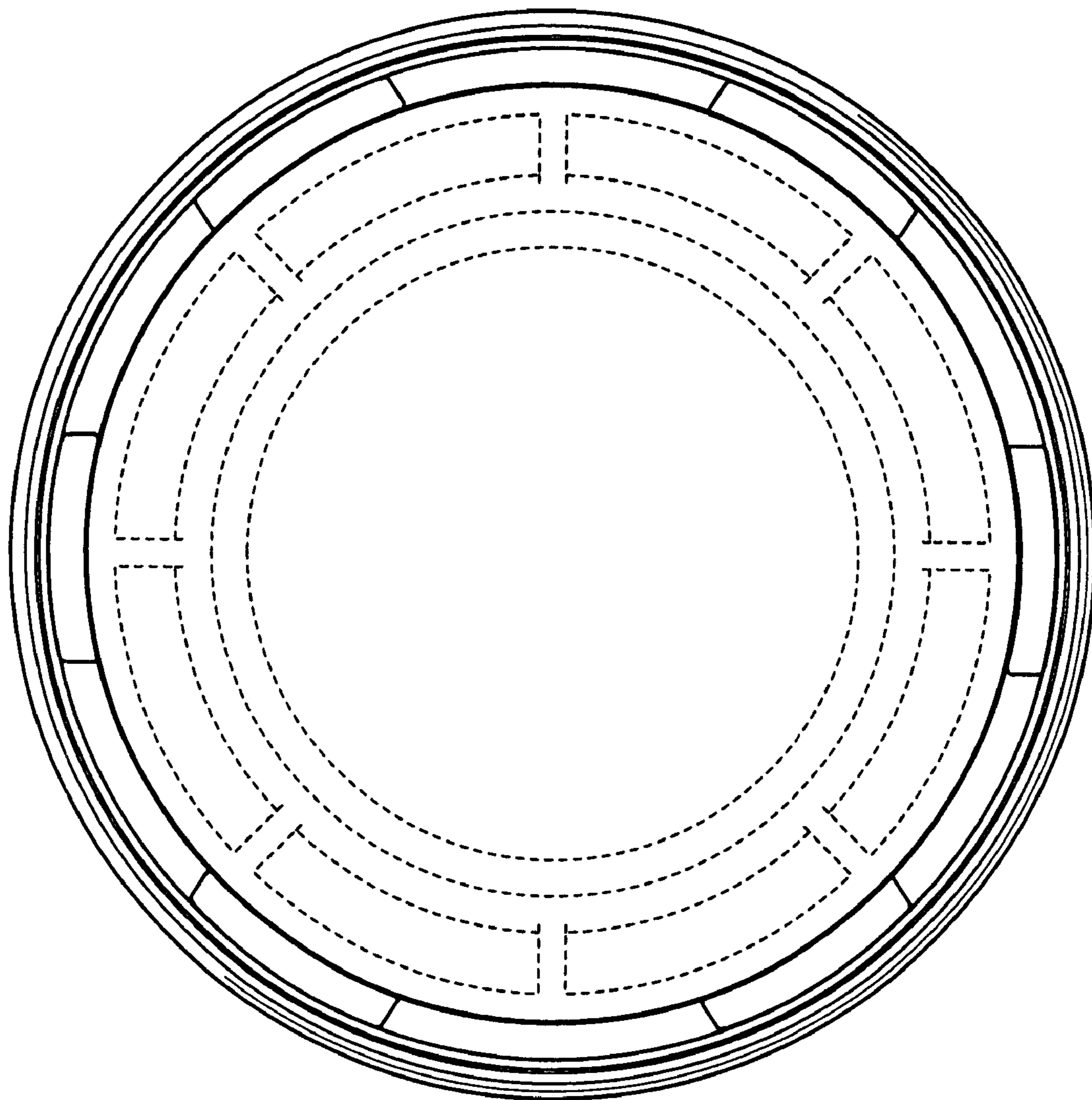


**FIG. 2**



**FIG. 3**





**FIG. 4**