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Rapparini

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(54) **REINFORCEMENT RING FOR BEVERAGE CAPSULE**

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

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(52) **U.S. Cl.**

USPC **D9/434**

(58) **Field of Classification Search**

CPC F16B 5/02; F16K 1/22; F16K 1/46;
B65D 25/20; B65D 1/023; B65D 41/0442;
B65D 53/02

USPC D7/396.2, 507, 509, 510, 511;
D9/434-455, 524, 682, 685, 694;
215/200, 235, 236, 252, 254, 329,
215/355-364; 220/203.04-203.07, 220,
220/254.1, 254.4, 556, 703, 704, 705;
D6/542-545

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,440,951 A	4/1969	Barrera	
D233,138 S	* 10/1974	Vogel	D9/453
D260,243 S	8/1981	Dogliotti	
D286,508 S	* 11/1986	Tilden	D9/455
D288,063 S	2/1987	Tyler	
D306,974 S	4/1990	Tholstrup	
D383,646 S	9/1997	Jeppesen et al.	
D438,794 S	3/2001	Miles et al.	
D445,677 S	7/2001	Lindsay et al.	
D452,433 S	12/2001	Lazaris	
6,431,389 B1	8/2002	Jerstroem et al.	
D470,050 S	* 2/2003	Renz et al.	D9/434
D474,404 S	* 5/2003	Tropeano	D9/455
6,648,163 B2	11/2003	Porter et al.	

D502,362 S	3/2005	Lazaris et al.	
D515,353 S	* 2/2006	Martin	D7/392.1
D587,995 S	3/2009	Studee	
D605,502 S	12/2009	Honda et al.	
D606,363 S	12/2009	Aardenburg	
D606,404 S	12/2009	Diss	
D612,732 S	3/2010	Takata et al.	
D627,636 S	11/2010	Fang	
D628,883 S	12/2010	Stephens	
D637,484 S	5/2011	Winkler	
D644,924 S	9/2011	Lin	
D647,397 S	10/2011	Inaba	

(Continued)

FOREIGN PATENT DOCUMENTS

CA	2 734 843 A1	2/2010
EP	0 524 464 A1	1/1993

(Continued)

OTHER PUBLICATIONS

International Search Report for International Application No. PCT/IB2011/001278, dated Oct. 20, 2011, 2 pages.

(Continued)

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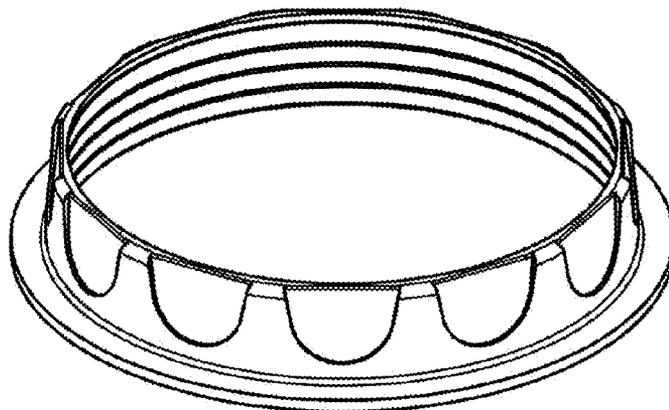
(57) **CLAIM**

I claim the ornamental design for a reinforcement ring for beverage capsule, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a reinforcement ring for beverage capsule of the present invention; FIG. 2 is a bottom plan view thereof; FIG. 3 is a top plan view thereof; and, FIG. 4 is a side elevation view thereof, with all other side views looking the same.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D651,865 S 1/2012 Smyers
D652,266 S 1/2012 Smyers
D668,538 S 10/2012 Knutson et al.
D682,675 S 5/2013 Rapparini
D685,631 S 7/2013 Rapparini
D688,945 S * 9/2013 Kim D9/452
D692,759 S 11/2013 Rapparini
D692,760 S 11/2013 Rapparini
D696,113 S * 12/2013 Stein D9/447
D709,369 S * 7/2014 Van de Klippe et al. D9/440
D709,765 S * 7/2014 Hager D9/449
D711,227 S * 8/2014 Sheikh D9/435
D713,245 S * 9/2014 Taylor et al. D9/436

2007/0148290 A1 6/2007 Ternite et al.
2009/0178313 A1* 7/2009 McManigal 40/310
2011/0111098 A1 5/2011 Ricotti
2013/0158637 A1* 6/2013 Sheikh 607/114

FOREIGN PATENT DOCUMENTS

EP 1 792 850 A1 6/2007
FR 1 543 608 10/1968

OTHER PUBLICATIONS

International Search Report for International Application No. PCT/
IB2011/001273, dated Oct. 21, 2011, 2 pages.

* cited by examiner

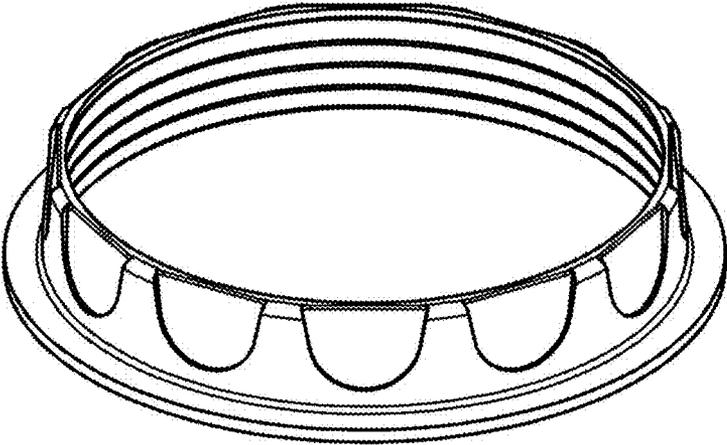


FIG. 1

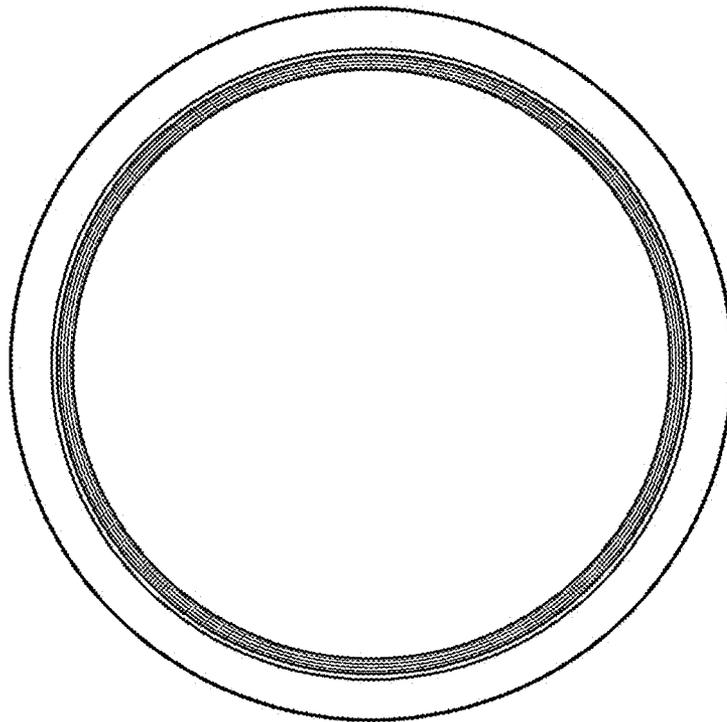


FIG. 2

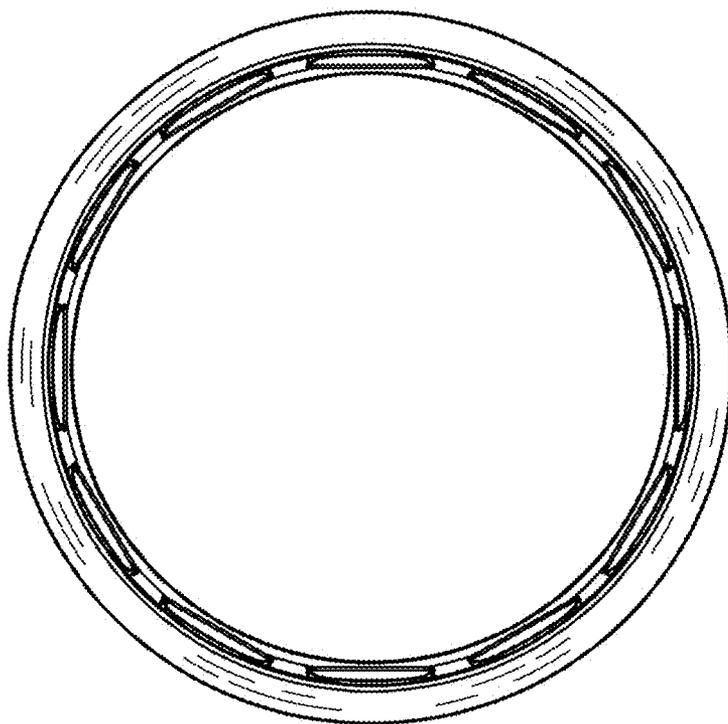


FIG. 3

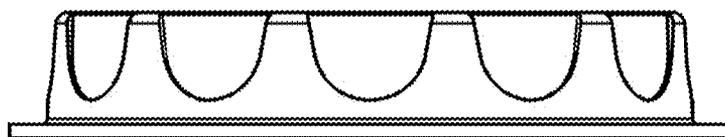


FIG. 4