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(12) **United States Design Patent**  
**Liang-Hsu et al.**

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(54) **SOCKET WITH A PULL RING**  
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(52) **U.S. Cl.** ..... **D13/139.1**  
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D8/353, 350; 363/15, 34, 146; 439/93, 105,  
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439/655, 692; 174/494, 53, 55, 59, 66; 320/111,  
320/114, 115; 307/150, 151  
See application file for complete search history.

D242,464 S 11/1976 Acosta  
4,042,292 A 8/1977 Chensky  
4,210,377 A 7/1980 La Voque  
4,307,924 A 12/1981 Gibbs  
D270,628 S 9/1983 Bobrovniczky  
D294,018 S 2/1988 Poliak  
4,778,400 A 10/1988 Jacobs  
D301,462 S 6/1989 Drew  
D348,431 S 7/1994 Hoffman et al.  
D349,276 S 8/1994 Hoffman et al.  
D355,162 S 2/1995 Karman  
5,409,397 A 4/1995 Karman  
D360,401 S 7/1995 Chen  
5,551,882 A 9/1996 Whiteman, Jr. et al.

(Continued)

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(57) **CLAIM**

The ornamental design for socket with a pull ring, as shown and described.

**DESCRIPTION**

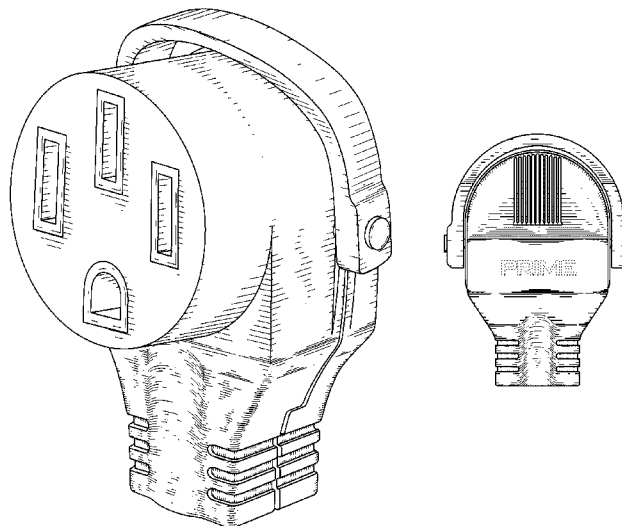
FIG. 1 is a perspective view of a socket with a pull ring. FIG. 2 is a front view of the socket with a pull ring of FIG. 1. FIG. 3 is a back view of the socket with a pull ring of FIG. 1. FIG. 4 is a top view of the socket with a pull ring of FIG. 1. FIG. 5 is a bottom view of the socket with a pull ring of FIG. 1. FIG. 6 is a left side view of the socket with a pull ring of FIG. 1; and, FIG. 7 is a right side view of the socket with a pull ring of FIG. 1. In the figures, trademarks are shown in dashed lines and do not form part of the claimed design. The portions of the socket with a pull ring shown in broken lines form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,714,763 A 5/1929 Boysen  
1,749,623 A 3/1930 Zinman  
D88,337 S 11/1932 Massey  
2,030,115 A 2/1936 Muldoor  
2,224,547 A 12/1940 Ludwig  
D148,105 S 12/1947 Gossard  
D155,149 S 9/1949 Gossard  
2,507,092 A 5/1950 Cline  
D159,196 S 7/1950 Englar  
D179,343 S 12/1956 Gombar  
D185,163 S 5/1959 Miller  
2,977,564 A 3/1961 Civitelli et al.  
3,008,115 A 11/1961 Oakes  
3,160,947 A 12/1964 Sunderlin  
3,431,535 A 3/1969 Munyon  
D241,649 S 9/1976 Andersen, Jr.

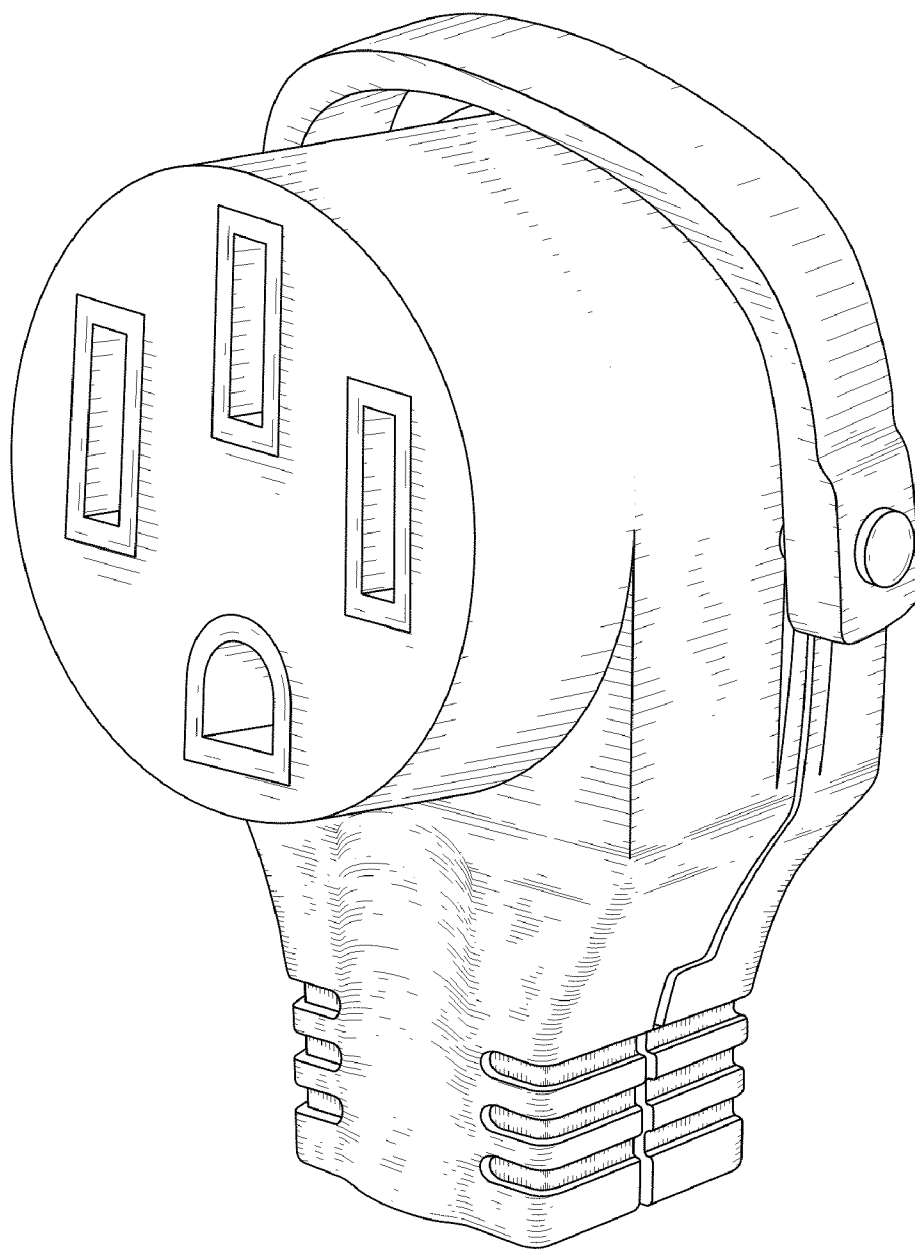


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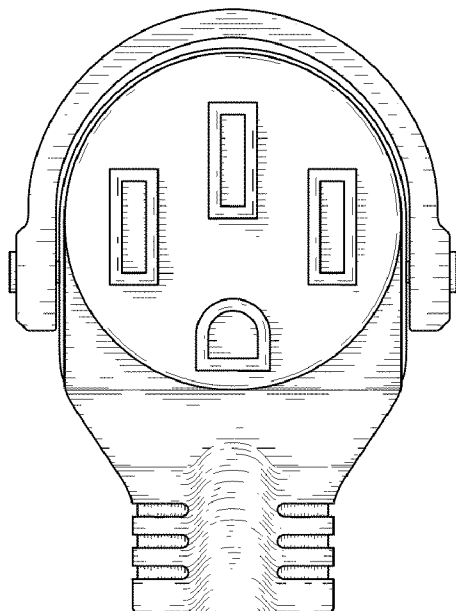
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U.S. PATENT DOCUMENTS						
			6,986,665	B2	1/2006	Schauz et al.
5,567,181	A	10/1996	7,052,309	B1	5/2006	Chen
D375,291	S	11/1996	7,063,558	B1	6/2006	Chen
D375,720	S	11/1996	D537,410	S *	2/2007	Yuen ..... D13/110
5,591,043	A	1/1997	7,179,105	B1	2/2007	Hung
D379,964	S *	6/1997	D549,650	S	8/2007	Russell et al.
5,679,014	A	10/1997	D549,651	S	8/2007	Mancari et al.
5,752,850	A	5/1998	7,255,568	B1	8/2007	Wu
D401,556	S *	11/1998	D553,570	S *	10/2007	Peck ..... D13/138.2
D404,984	S	2/1999	D559,184	S	1/2008	Russel et al.
D405,759	S	2/1999	D562,766	S *	2/2008	Yang ..... D13/110
D409,567	S	5/1999	D564,964	S	3/2008	Caine et al.
D413,570	S	9/1999	D576,552	S	9/2008	Caine et al.
D421,960	S *	3/2000	D586,296	S *	2/2009	Liu ..... D13/138.2
6,071,142	A	6/2000	D592,139	S *	5/2009	Wu ..... D13/138.2
D430,848	S	9/2000	D592,141	S	5/2009	Mancari et al.
D431,027	S	9/2000	D594,417	S	6/2009	Ho'o et al.
D445,090	S	7/2001	D602,434	S	10/2009	Mancari et al.
D467,545	S *	12/2002	D613,248	S	4/2010	Wu
D474,744	S	5/2003	D635,515	S *	4/2011	Atwell et al. .... D13/138.2
D483,723	S	12/2003	D638,359	S *	5/2011	Atwell et al. .... D13/138.2
D485,239	S	1/2004	2007/0032109	A1	2/2007	Hung
D492,254	S	6/2004				
D511,748	S	11/2005				

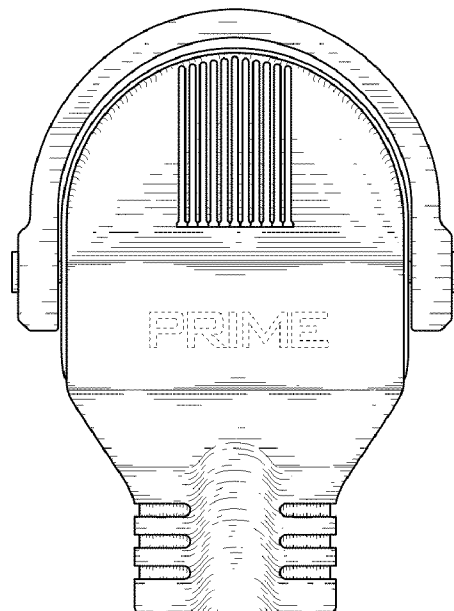
\* cited by examiner



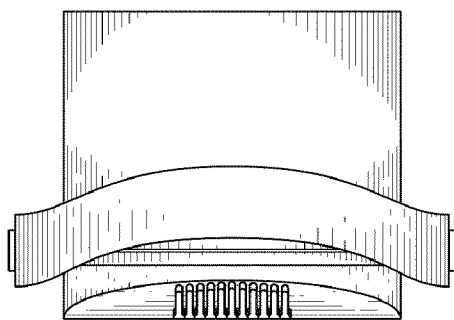
**FIG. 1**



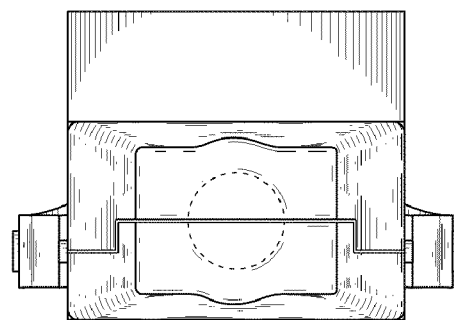
**FIG. 2**



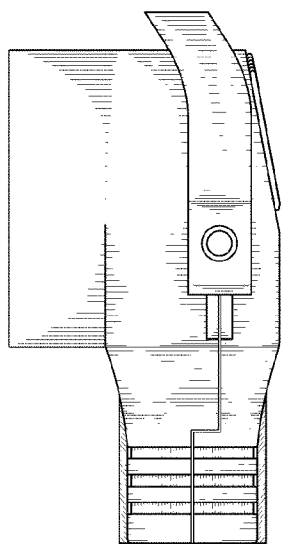
**FIG. 3**



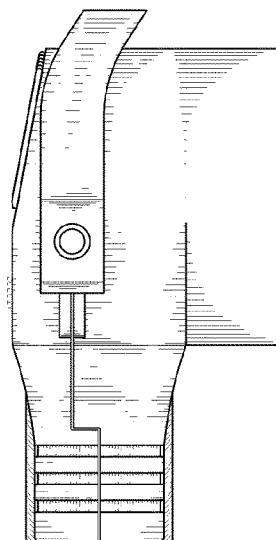
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**