



US00D752001S

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

(10) **Patent No.:** **US D752,001 S**
(45) **Date of Patent:** **** Mar. 22, 2016**

- (54) **CLEANER FOR A MALE AND FEMALE TRAILER ELECTRICAL CONNECTOR**
- (71) Applicant: **Roger Val Didonato**, Evergreen, CO (US)
- (72) Inventor: **Roger Val Didonato**, Evergreen, CO (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/471,966**
- (22) Filed: **Nov. 6, 2013**
- (51) **LOC (10) Cl.** **13-99**
- (52) **U.S. Cl.**
USPC **D13/199**
- (58) **Field of Classification Search**
USPC D13/184, 199; D4/119, 128-131, 133;
15/104.16, 104.011, 104.2, 159.1, 160,
15/164, 206, 106; D8/14, 90
CPC A46B 9/02; B08B 1/00; H01R 43/00
See application file for complete search history.

4,255,828 A	3/1981	Colla	
4,301,567 A *	11/1981	Tucker	15/160
4,310,941 A *	1/1982	Smith	15/160
4,494,812 A	1/1985	Bolton	
4,575,892 A	3/1986	Ross	
D300,404 S *	3/1989	Lauer	D8/98
4,897,044 A	1/1990	Rood	
4,899,409 A	2/1990	Cox, Jr.	
D309,376 S *	7/1990	Kiesz	D4/128
5,094,556 A	3/1992	Kohler	
D347,523 S *	6/1994	Villeneuve	D4/102
D364,543 S *	11/1995	Hennen	D8/14
5,513,411 A	5/1996	Simon	
D384,961 S *	10/1997	Gassman	D15/138
D387,523 S *	12/1997	Armbruster et al.	D32/35
D426,451 S *	6/2000	Rosenbaum	D8/107
6,220,950 B1	4/2001	Novitsky	
D458,456 S *	6/2002	Dragan et al.	D4/119
6,701,566 B2	3/2004	Rooke	
6,745,425 B1 *	6/2004	Tope	15/104.04
D500,410 S *	1/2005	Dragan	D4/119
6,983,508 B2 *	1/2006	Saurer	15/104.04
D528,891 S *	9/2006	Thompson et al.	D8/90
7,354,336 B1	4/2008	Lalancette et al.	
D628,155 S *	11/2010	Maurer et al.	D13/131

(Continued)

Primary Examiner — Derrick Holland
Assistant Examiner — Jennifer O King
(74) *Attorney, Agent, or Firm* — Barber Legal; Craig Barber

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,461,904 A	7/1923	Hoyem	
1,710,127 A	4/1929	Vaughn	
1,838,958 A *	12/1931	Page	15/160
1,950,862 A	3/1934	Page	
D157,258 S *	2/1950	Hertzberg	D4/121
3,088,150 A	5/1963	Sweeney	
3,324,496 A *	6/1967	Haracz	15/183
3,504,459 A	4/1970	Spiteri	
3,745,622 A	7/1973	DeAmicis	
3,797,055 A	3/1974	Greene	
3,802,793 A	4/1974	Simon	
3,946,456 A	3/1976	Martin et al.	
3,964,122 A	6/1976	Kurdy	
4,014,063 A *	3/1977	Bunke	15/111
D247,936 S *	5/1978	Wortley et al.	D4/120
4,204,295 A	5/1980	O'Connor	

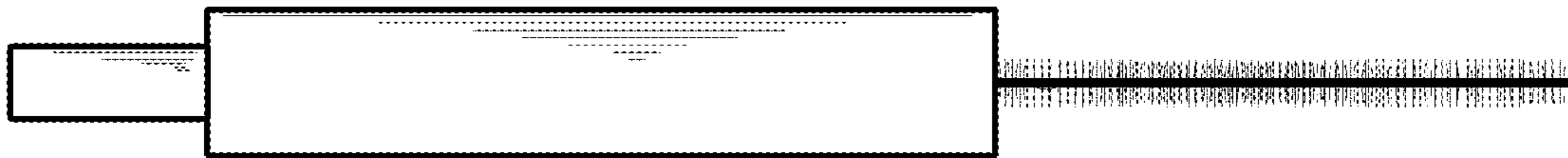
(57) **CLAIM**

The ornamental design for a cleaner for a male and female trailer electrical connector, as shown and described.

DESCRIPTION

FIG. 1 is a top view of a cleaner for a male and female trailer electrical connector;
FIG. 2 is a left side view thereof;
FIG. 3 is an enlarged left side view thereof; and,
FIG. 4 is a right side view thereof.
The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D752,001 S

Page 2

(56)

References Cited

U.S. PATENT DOCUMENTS					
8,214,961	B2	7/2012	Vinci et al.	2009/0113644	A1* 5/2009 Heck 15/104.05
D666,670	S *	9/2012	Dehne	2010/0212097	A1* 8/2010 Jeong et al. 15/160
2008/0052847	A1*	3/2008	Antler	2011/0030663	A1* 2/2011 Verpoort et al. 123/668
					* cited by examiner

Figure 1



Figure 2

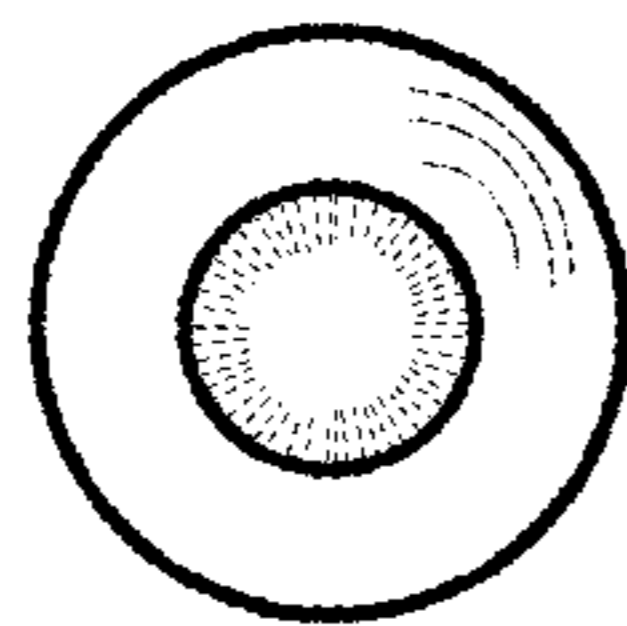


Figure 3

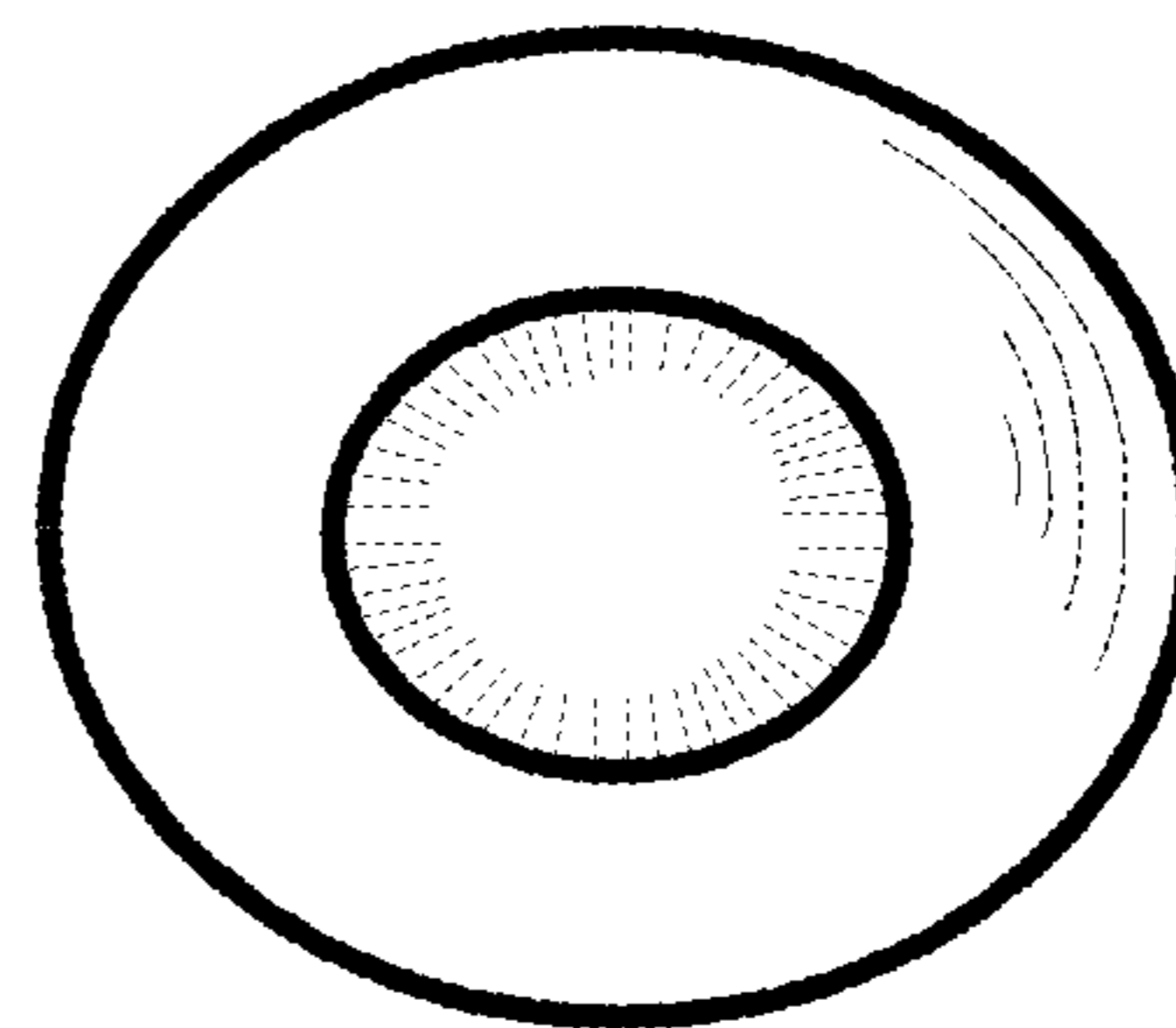


Figure 4

