

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

Baldwin et al.

US D748.351 S

(45) **Date of Patent:**

Jan. 26, 2016

(54) SPRAYER FOR DISH WASHING MACHINE

Applicant: Whirlpool Corporation, Benton Harbor,

MI (US)

Inventors: Mark W. Baldwin, Saint Joseph, MI

(US); Michael S. Seeley, South Haven,

MI (US)

Assignee: Whirlpool Corporation, Benton Harbor,

MI (US)

(**) Term: 14 Years

(21) Appl. No.: 29/471,178

Oct. 29, 2013 (22) Filed:

(51) LOC (10) Cl. 15-05

(52) U.S. Cl.

USPC **D32/3**

Field of Classification Search

USPC D32/1-3, 25-27; 134/56 D, 93, 94.1, 134/95.1, 98.1, 200; 366/137.1, 315

CPC A47L 15/428 See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

2,585,608 A * 2/1952 Wieghart 239/251 5,673,714 A * 10/1997 Campagnolo et al. 134/57 D (Continued)

FOREIGN PATENT DOCUMENTS

GB 1018885 * 4/1985 D1320626 2/2008

(Continued)

OTHER PUBLICATIONS

Amazon.com: Frigidaire 154754502 Upper Spray Arm Assembly for Dish Washer, review date Feb. 5, 2012, online, http://www.amazon. com/...54754502-Upper-Assembly-Washer/dp/B00545AC8Q/

ref=sr_1_1?ie=UTF8&qid=1428964856&sr=8-1& keywords=dishwasher+sprayer+arm, [site visited Apr. 13, 2015 6:42:52 PM].*

(Continued)

Primary Examiner — John Windmuller Assistant Examiner — John R Yeh

The ornamental design for a sprayer of a dish washing machine, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a sprayer for dish washing machine showing our new design;

FIG. 2 is a front view thereof, the rear view being a mirror image thereof;

FIG. 3 is a right side view thereof, the left side view being a mirror image thereof;

FIG. 4 is a top view thereof;

FIG. 5 is a perspective view of a second embodiment of a sprayer for dish washing machine showing our new design;

FIG. 6 is a front view thereof, the rear view being a mirror image thereof;

FIG. 7 is a right side view thereof, the left side view being a mirror image thereof;

FIG. 8 is a top view thereof;

FIG. 9 is a perspective view of a third embodiment of a sprayer for dish washing machine showing our new design;

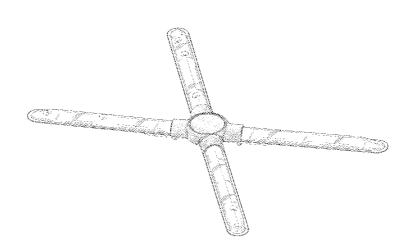
FIG. 10 is a front view thereof, the rear view being a mirror image thereof;

FIG. 11 is a right side view thereof, the left side view being a mirror image thereof; and,

FIG. 12 is a top view thereof.

As shown in FIGS. 1-12, the sprayer has arms with a reflective appearance, such as polished metal or chrome for example, as represented by the shading. Also, as shown in FIGS. 1-12, the sprayer has a hub with a contrasting appearance to the arms, as represented by the shading. Further, as shown in FIGS. 9-12, the third embodiment of the sprayer has a medallion with a reflective appearance, such as polished metal or chrome for example, as represented by the shading. The broken lines in the figures represent portions of the sprayer that form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56) References Cited

U.S. PATENT DOCUMENTS

D461,284 S	* 8/2002	Hegeman et al D32/3
8,007,598 B2	2 * 8/2011	Chen et al 134/56 D
8,349,089 B2	2 * 1/2013	Bertsch et al 134/25.2
2003/0006305 A1	l * 1/2003	Hegeman et al 239/225.1
2004/0000331 A1	l * 1/2004	Elick et al 134/180
2004/0045586 A1		
2004/0159338 A1		Elick et al 134/25.2
2004/0163680 A1	l* 8/2004	Elick et al 134/25.2
2005/0051201 A1	l * 3/2005	Ashton et al 134/104.1
2005/0126607 A1		Haft et al 134/56 D
2010/0187958 A1		
2013/0180555 A1	1* 7/2013	Lee et al 134/181

FOREIGN PATENT DOCUMENTS

KR	300458286-0000	3fc	8/2007
KR	300558603-0000	*	4/2010

OTHER PUBLICATIONS

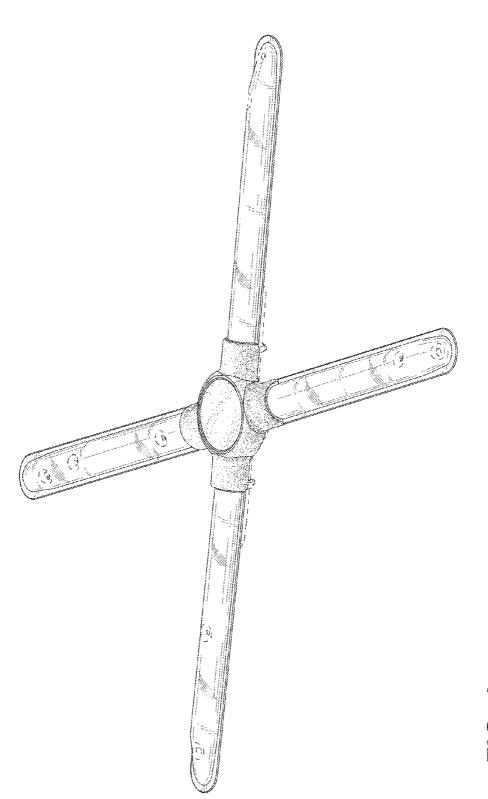
I have a Kenmore Elite 665 16919001 built in dishwasher, conversation dated to 2010, online, http://www.justanswer.com/appliance/2m8xn-kenmore-elite-665-16919001-built-dishwasher-lately.html, [site visited Apr. 13, 2015 6:30:18 PM].*

Whirlpool 675808 Arm Kit—Replacement Dishwasher Wash Arms—Amazon.com, review date Feb. 9, 2012, online, http://www.amazon.com/Whirlpool-675808-Arm-Kit/dp/B00DZU7ODI/ref=sr_1_3?ie=UTF8&qid=1428964856&sr=8-3&

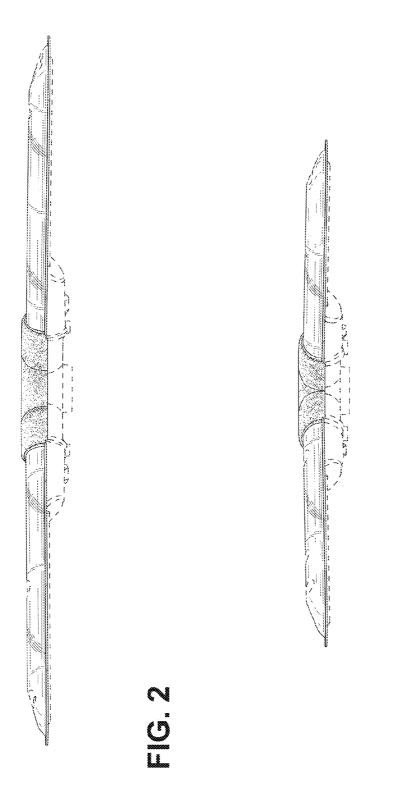
keywords=dishwasher+sprayer+arm, [site visited Apr. 13, 2015 6:45:09 PM].*

How to Really Clean Your Dishwasher, post date May 14, 2011, online, http://dangerismydayjob.blogspot.com/...onths-i-have-noticed-that.html#!/2011/05/last-few-months-i-have-noticed-that.html, [site visited Apr. 13, 2015 7:08:47 PM].*

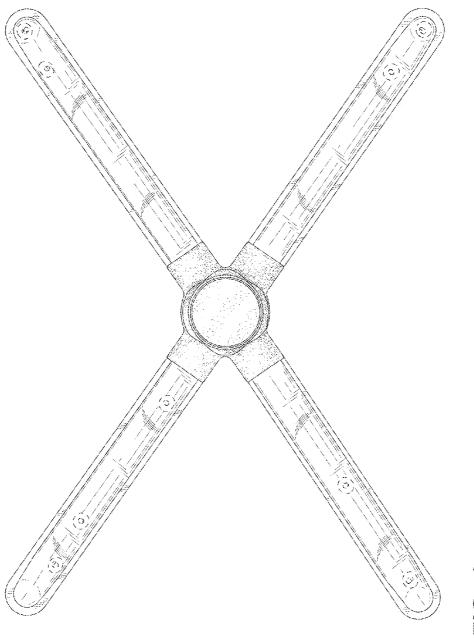
^{*} cited by examiner



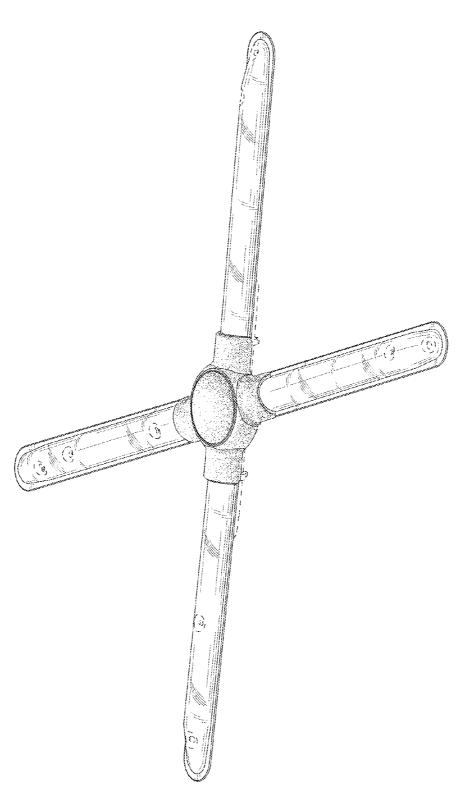
C L



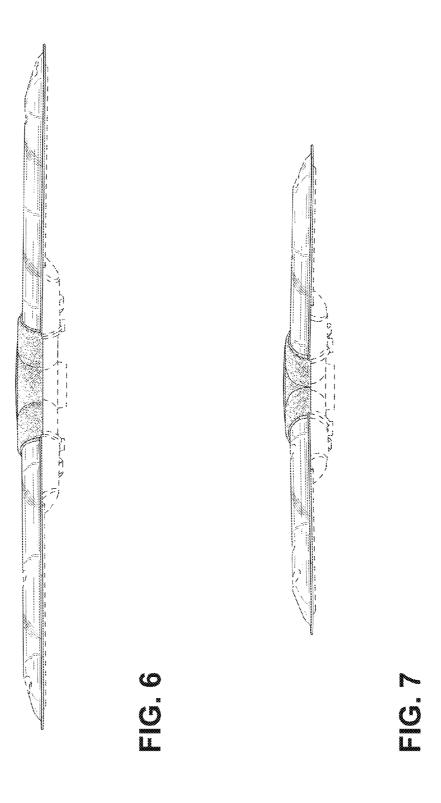
Q

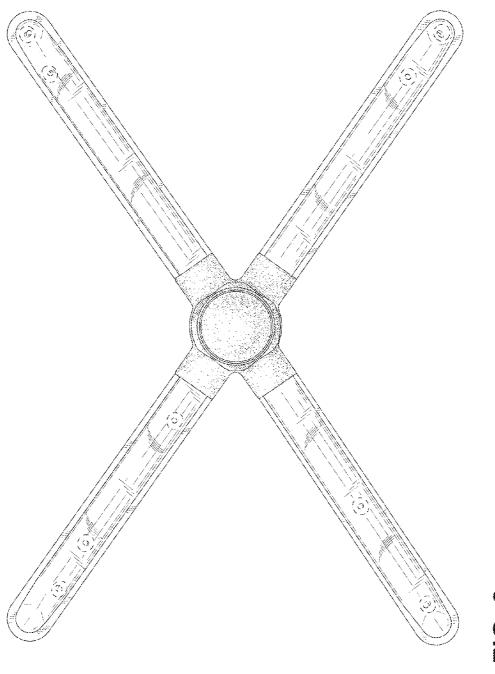


T C L

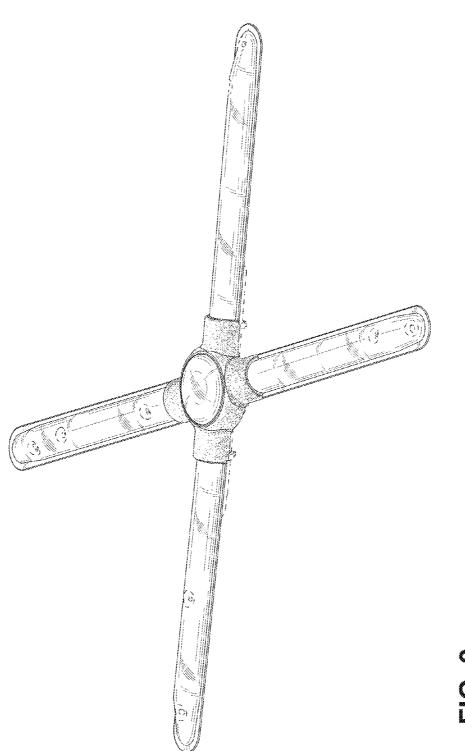


ග ල ධ





o C



o C L

