



US00D900417S

(12) **United States Design Patent** (10) **Patent No.:** **US D900,417 S**
Baldwin et al. (45) **Date of Patent:** **** Oct. 27, 2020**

(54) **SPRAYER FOR DISH WASHING MACHINE**

(71) Applicant: **WHIRLPOOL CORPORATION**,
Benton Harbor, MI (US)

(72) Inventors: **Mark W. Baldwin**, Saint Joseph, MI
(US); **Michael S. Seeley**, South Haven,
MI (US)

(73) Assignee: **Whirlpool Corporation**, Benton
Harbor, MI (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/728,032**

(22) Filed: **Mar. 16, 2020**

Related U.S. Application Data

(62) Division of application No. 29/628,612, filed on Dec.
6, 2017, now Pat. No. Des. 882,890, which is a
division of application No. 29/548,259, filed on Dec.
11, 2015, now Pat. No. Des. 808,598, which is a
division of application No. 29/471,178, filed on Oct.
29, 2013, now Pat. No. Des. 748,351.

(51) **LOC (12) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/3**

(58) **Field of Classification Search**
USPC D32/2-3, 5-7, 12-13, 25-29
CPC A47L 15/42; A47L 15/00; B65D 47/06;
D06F 23/06; D06F 37/26
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,737,257 A 11/1929 Merseles
2,380,090 A 7/1945 Wallace
2,585,608 A 2/1952 Wieghart
2,637,595 A 5/1953 Fox et al.

2,905,393 A 9/1959 Federighi
D196,450 S 10/1963 Claywell
3,323,529 A 6/1967 Geiger
D212,121 S 8/1968 Tuthill
4,145,002 A 3/1979 Noren
4,418,868 A * 12/1983 Gurubatham A47L 15/23
134/179
D314,255 S 1/1991 Brito
(Continued)

FOREIGN PATENT DOCUMENTS

CN 304874999 * 11/2018
GB 1018885 4/1985
(Continued)

OTHER PUBLICATIONS

Whirlpool WPW10498900 Upper Spray Arm, reviews 2020, site
visited Jun. 20, 2020, [https://www.virginiaservicesupply.com/
Whirlpool_W10498900_UPR_STRT_SPR_A_p/ . . . *](https://www.virginiaservicesupply.com/Whirlpool_W10498900_UPR_STRT_SPR_A_p/...)
(Continued)

Primary Examiner — John R Yeh
(74) *Attorney, Agent, or Firm* — McGarry Bair PC

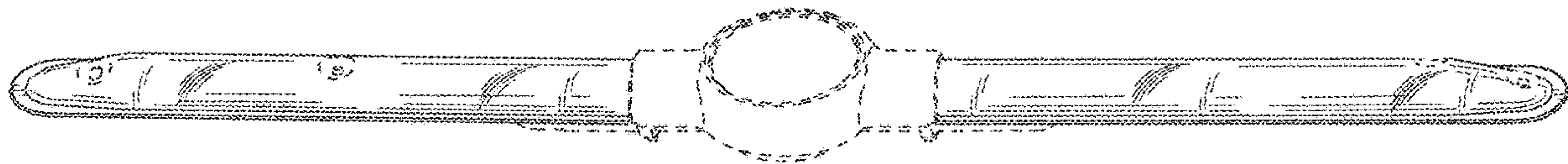
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a sprayer for a dish washing
machine showing our new design;
FIG. 2 is a front view of the sprayer from FIG. 1, the rear
view being a mirror image thereof;
FIG. 3 is a right side view of the sprayer from FIG. 1, the
left side view being a mirror image thereof; and,
FIG. 4 is a top view of the sprayer from FIG. 1.
The broken lines represent portions of the sprayer for dish
washing machine that form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,267,582 A * 12/1993 Purtilo A47L 15/22
134/180
5,560,381 A * 10/1996 Edwards A47L 15/23
134/176
D376,451 S 12/1996 Osborn
5,673,714 A 10/1997 Campagnolo et al.
6,869,029 B2 3/2005 Ochoa, Sr.
D461,284 S 2/2008 Hegeman et al.
8,007,598 B2 8/2011 Chen et al.
D675,386 S 1/2013 Burrows et al.
D675,387 S * 1/2013 Burrows D32/3
8,349,089 B2 1/2013 Bertsch et al.
D741,556 S 10/2015 Lee et al.
D748,351 S 1/2016 Baldwin
D748,352 S 1/2016 Baldwin et al.
D750,855 S 3/2016 Lee
D761,500 S * 7/2016 Feddema D32/3
D776,372 S 1/2017 Haft et al.
9,655,494 B2 * 5/2017 Haft A47L 15/4206
D799,764 S 10/2017 Haft et al.
D808,598 S 1/2018 Baldwin et al.
D836,262 S 12/2018 Lee
10,575,706 B2 * 3/2020 Woo A47L 15/20
D882,890 S * 4/2020 Baldwin D32/3
2003/0006305 A1 1/2003 Hegeman et al.
2004/0000331 A1 1/2004 Elick et al.
2004/0045586 A1 3/2004 Rappette
2004/0159338 A1 8/2004 Elick et al.
2004/0163680 A1 8/2004 Elick et al.
2005/0051201 A1 3/2005 Ashton et al.
2005/0126607 A1 6/2005 Haft et al.
2008/0149148 A1 * 6/2008 Woo A47L 15/4204
134/104.1
2010/0187958 A1 7/2010 Colon
2011/0226289 A1 * 9/2011 Forster A47L 15/4223
134/111
2013/0068259 A1 3/2013 Thiyagarajan
2013/0180555 A1 7/2013 Lee et al.
2013/0255734 A1 * 10/2013 Hermann A47L 15/4278
134/198
2014/0083470 A1 3/2014 Kim et al.
2014/0190525 A1 7/2014 Porcaro, II et al.
2014/0190533 A1 * 7/2014 Boyer A47L 15/23
134/172
2015/0164299 A1 6/2015 Naik
2015/0335269 A1 11/2015 Boydell et al.
2015/0363022 A1 12/2015 Sebastian et al.
2017/0020359 A1 1/2017 Choi et al.
2017/0065147 A1 3/2017 Boyer
2017/0086640 A1 3/2017 Feddema
2017/0135552 A1 5/2017 Yu et al.

FOREIGN PATENT DOCUMENTS

JP D1320626 2/2008
KR 300458286-0000 8/2007
KR 300558603-0000 4/2010

OTHER PUBLICATIONS

Amazon.com: Frigidaire 154754502 Upper Spray Arm Assembly for Dish Washer, review date Feb. 5, 2012, online, [Whirlpool 675808 Arm Kit—Replacement Dishwasher Wash Arms—Amazon.com, review date Feb. 9, 2012, online, \[Amazon UK, Smeg Dishwasher Upper Spray Arm, review Jan. 27, 2015, \\[Dishwasher Spray Arm, ebay site update May 23, 2016, \\\[May 22, 2017 10:10:09 PM\\\], \\\[Amazon.com: Frigidaire 154567702 Dishwasher Spray Arm, reviews 2018, \\\\[AP Wagner Arm-Spray | Whirlpool Corporation, website 2019, \\\\\[* cited by examiner\\\\\]\\\\\(https://www.apwagner.com/appliance-part/wpl/wpw10320510?utm_content=buffer8f323&... site visited Aug. 8, 2019.</p>
</div>
<div data-bbox=\\\\\)\\\\]\\\\(https://www.amazon.com/Frigidaire-154567702-Dishwasher-Equipment-Manufacturer/dp/... site visited Aug. 8, 2019.
Amazon.com Whirlpool Dishwasher Spray Arm, website 2019, <a href=\\\\)\\\]\\\(http://www.ebay.com/...rms=aid%3D222007%26algo%3 OS IC.MB E%26ao%3D 1 %26asc%3D40130%26meid%3 D45711 005602 b4f3a8243468e45a23bda%26pid%3D100011 %26rk%3D3%26rkt%3D9%26mehot%3Dlo%26sd%3D111260297912.
LG's Quad Wash dishwashers, CNET article date Jan. 4, 2017, <a href=\\\)\\]\\(https://www.amazon.co.uk/Smeg-Dishwasher-Genuine-number-694570071 /dp/B00EO1GUSW, site visited May 22, 2017.
Let Me Count The Waves: New GE Dishwasher, GE press release 1 0 9 2013, <a href=\\)\]\(http://www.amazon.com/Whirlpool-675808-Arm-Kit/dp/B00DZU7OD1/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, <a href=\)](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].
I have a Kenmore Elite 665 16919001 built in dishwasher, conversation dated to 2010, on line, <a href=)



FIG. 1

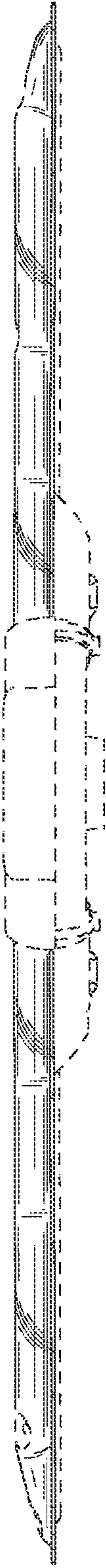


FIG. 2



FIG. 3

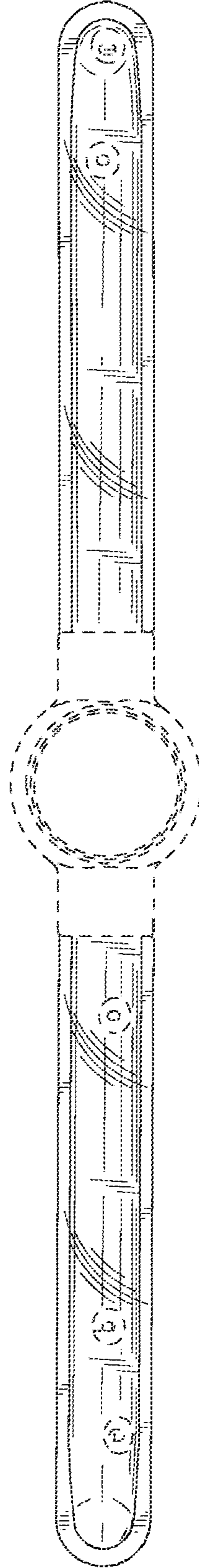


FIG. 4