

US00D647308S

(12) **United States Design Patent**
Best et al.

(10) **Patent No.:** **US D647,308 S**
(45) **Date of Patent:** **** Oct. 25, 2011**

(54) **FLOW-THROUGH BRUSH HEAD**

D307,963 S 5/1990 Newman, Sr. et al.
D311,645 S * 10/1990 Warwick et al. D4/115
4,993,101 A 2/1991 Newman, Sr. et al.

(75) Inventors: **Jim Joseph Best**, Hewitt, NJ (US);
David Zachariah Block, Brooklyn, NY
(US); **William Lauchlin Gullede, Jr.**,
Leawood, KS (US); **William Daniel
Richardson**, Greenwood, MO (US);
Chad Edward Brott, Greenwood, MO
(US); **Barbara D. Newman**, Lone Jack,
MO (US); **Melodie Lea Wendleton**,
Lee's Summit, MO (US); **Benjamin A.
Shobert**, Indianapolis, IN (US); **Richard
S. Dale**, Honeoye Falls, NY (US); **Todd
Brunner**, Brooklyn, NY (US)

(Continued)

FOREIGN PATENT DOCUMENTS

KR 91489 S * 6/1989

OTHER PUBLICATIONS

HAYCO® Flow Thru Wash Brushes, Brushware Products, p. 3
[online], Hayco Manufacturing Ltd. © 2006 [retrieved on Jun. 7,
2008]. Retrieved from the Internet: <URL: http://www.hayco.com.
hk>.*

Primary Examiner — Melanie H Tung
Assistant Examiner — Lavone D Tabor

(74) *Attorney, Agent, or Firm* — Hovey Williams LLP

(73) Assignee: **Specialty Products of Greenwood,
Missouri, Inc.**, Greenwood, MO (US)

(57) **CLAIM**

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

The ornamental design for a flow-through brush head, as
shown and described.

(21) Appl. No.: **29/359,610**

DESCRIPTION

(22) Filed: **Apr. 13, 2010**

(51) **LOC (9) Cl.** **04-01**

(52) **U.S. Cl.** **D4/114; D4/132; D4/199**

(58) **Field of Classification Search** D4/114,
D4/115, 132, 135, 138, 199; D32/45, 50,
D32/51; 15/146, 159.1, 160, 171, 176.1,
15/175; 222/191; 401/137, 140, 268, 270,
401/276, 279, 282, 284, 289, 286, 287, 290,
401/291

See application file for complete search history.

FIG. 1 is a top perspective view of a flow-through brush head;
FIG. 2 is a bottom perspective view of the flow-through brush
head as depicted in FIG. 1;
FIG. 3 is a front elevation view of the flow-through brush head
as depicted in FIGS. 1 and 2;
FIG. 4 is a rear elevation view of the flow-through brush head
as depicted in FIGS. 1-3;
FIG. 5 is a side elevation view of the flow-through brush head
as depicted in FIGS. 1-4 with the opposite side elevation view
being a mirror image thereof;
FIG. 6 is a top elevation view of the flow-through brush head
as shown in FIGS. 1-5; and,
FIG. 7 is a bottom elevation view of the flow-through brush
head as depicted in FIGS. 1-6.

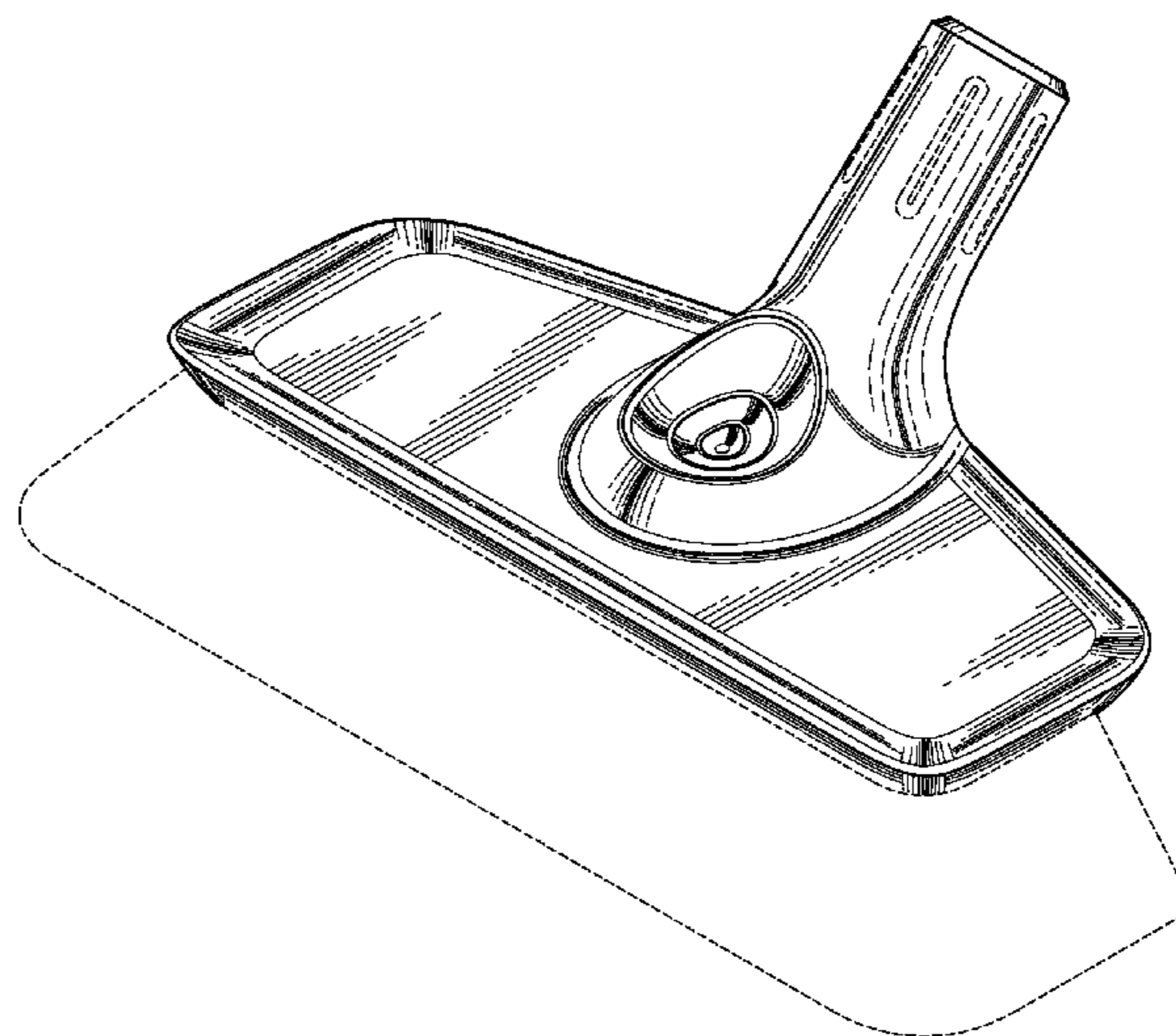
The broken lines showing the pole coupler of the brush head,
and the brush bristles are for environmental purposes only
and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D186,156 S * 9/1959 Osrow et al. D4/115
D202,876 S 11/1965 Newman
4,057,353 A * 11/1977 Kitatani 401/43
4,237,570 A * 12/1980 Brock, Jr. 15/28
D290,553 S * 6/1987 Clivio et al. D4/115

1 Claim, 3 Drawing Sheets



US D647,308 S

Page 2

U.S. PATENT DOCUMENTS

D331,650 S	12/1992	Newman, Sr.	D459,587 S	7/2002	Newman et al.	
5,220,707 A	6/1993	Newman, Sr. et al.	6,453,777 B1	9/2002	Newman et al.	
5,267,369 A	12/1993	O'Neil et al.	D463,669 S *	10/2002	Chih	D4/115
5,293,662 A	3/1994	Newman, Sr. et al.	6,497,007 B2	12/2002	Newman et al.	
5,316,264 A	5/1994	Newman, Sr. et al.	6,519,800 B2	2/2003	Newman et al.	
D351,015 S	9/1994	Caceres et al.	6,530,124 B2	3/2003	Newman et al.	
5,348,409 A	9/1994	Newman, Sr. et al.	6,532,630 B1	3/2003	Newman et al.	
D354,554 S	1/1995	Newman, Sr. et al.	6,553,628 B2	4/2003	Newman et al.	
5,385,420 A	1/1995	Newman, Sr. et al.	6,634,822 B1 *	10/2003	Wang	401/137
5,432,972 A	7/1995	Polzin et al.	D482,202 S	11/2003	Newman et al.	
5,460,458 A	10/1995	Caceres	6,681,438 B2	1/2004	Newman et al.	
5,579,558 A	12/1996	Newman, Jr. et al.	6,779,235 B2	8/2004	Newman et al.	
5,682,641 A	11/1997	Newman, Jr. et al.	D519,820 S	5/2006	Newman et al.	
5,692,856 A	12/1997	Newman, Jr. et al.	D520,243 S *	5/2006	Sickler et al.	D4/115
5,822,823 A	10/1998	Polzin et al.	7,066,511 B2	6/2006	Newman et al.	
6,151,747 A	11/2000	Newman et al.	D538,133 S	3/2007	Richardson et al.	
6,272,715 B1	8/2001	Polzin et al.	7,237,305 B2	7/2007	Newman et al.	
D447,874 S	9/2001	Newman et al.	7,775,736 B2 *	8/2010	Song	401/279
D452,777 S	1/2002	Newman et al.	2004/0158949 A1	8/2004	Booth et al.	
6,349,451 B1	2/2002	Newman et al.	2006/0147256 A1	7/2006	Richardson et al.	
D457,003 S	5/2002	Newman et al.	2006/0230581 A1	10/2006	Richardson et al.	

* cited by examiner

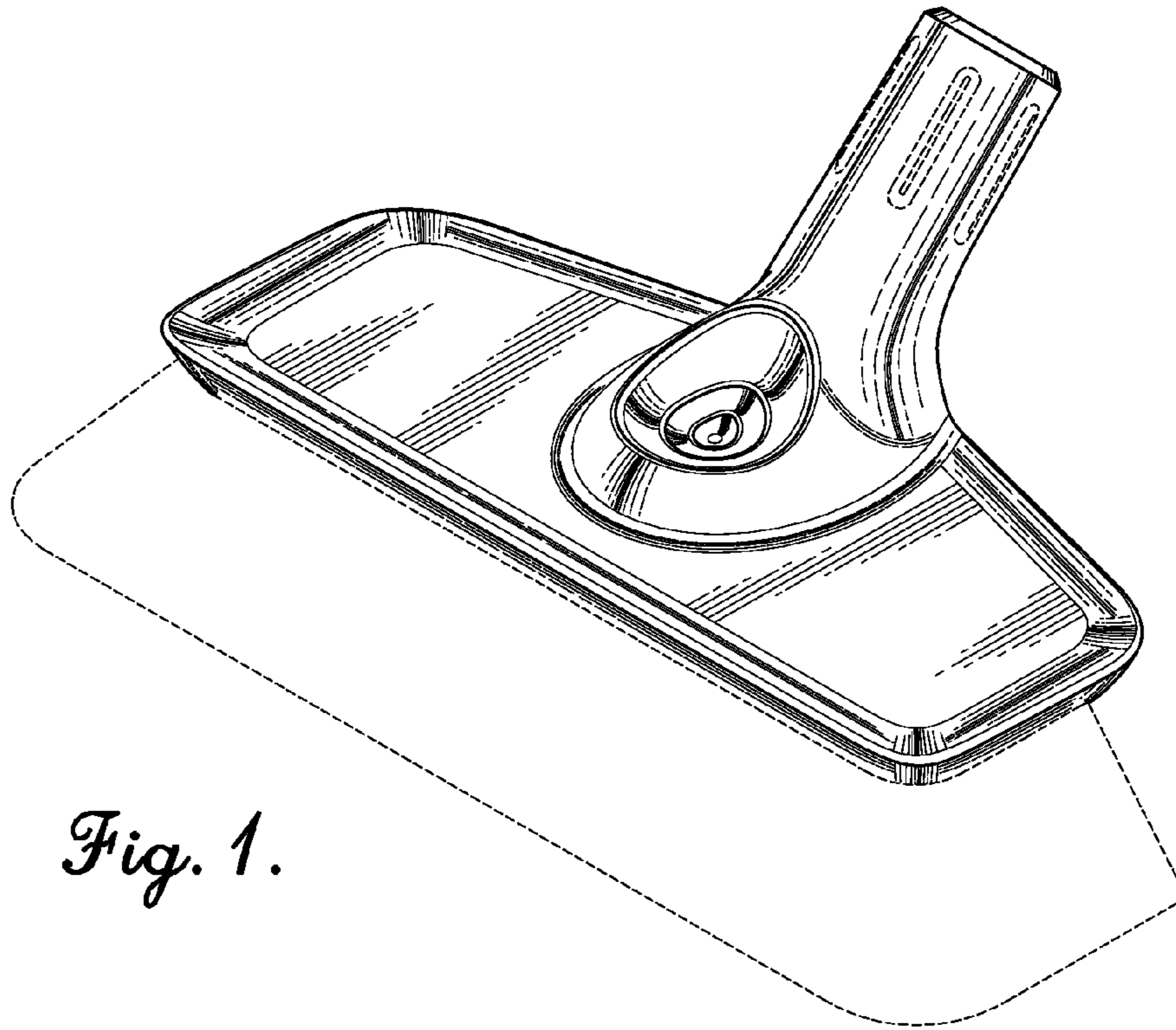


Fig. 1.

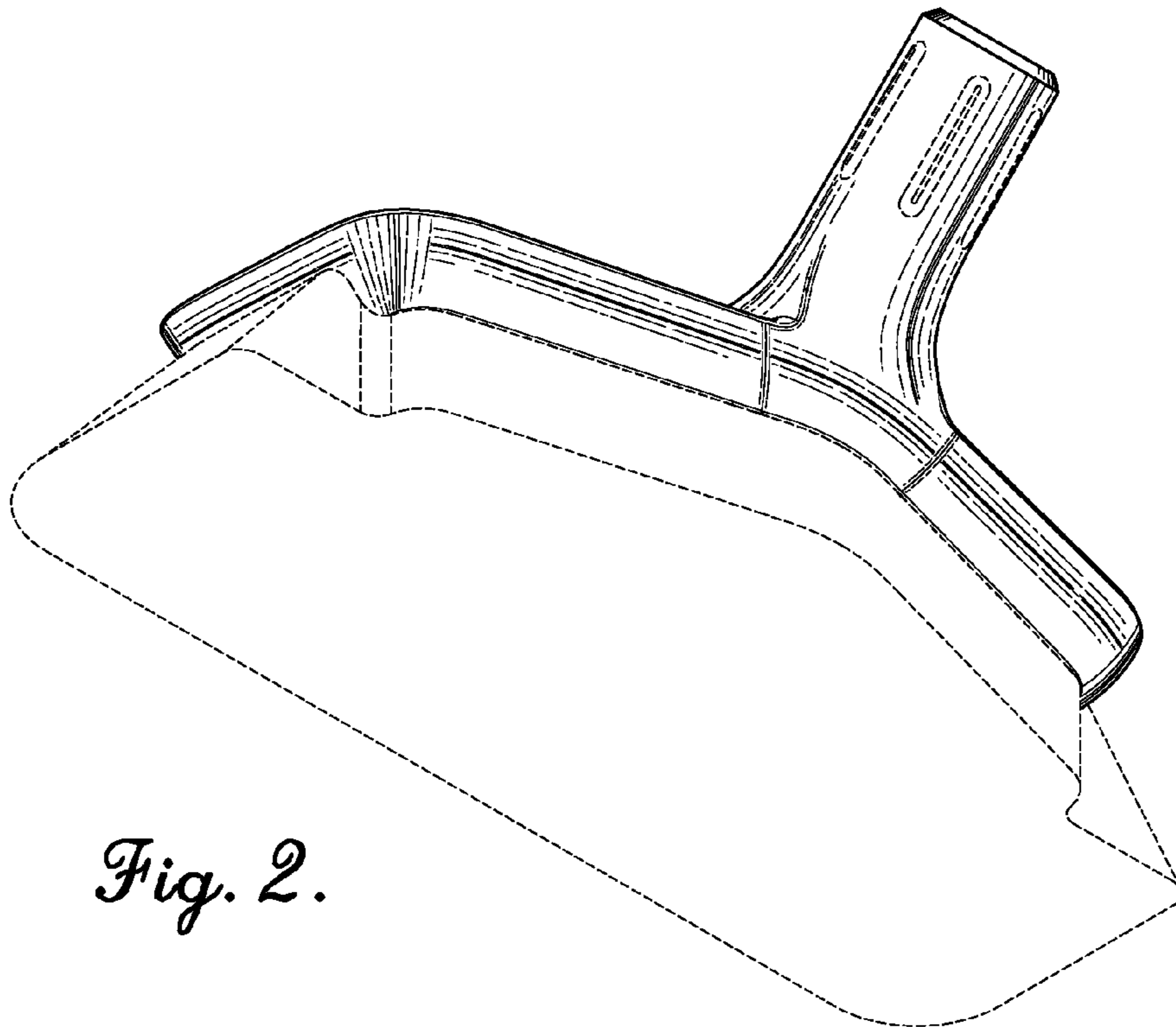


Fig. 2.

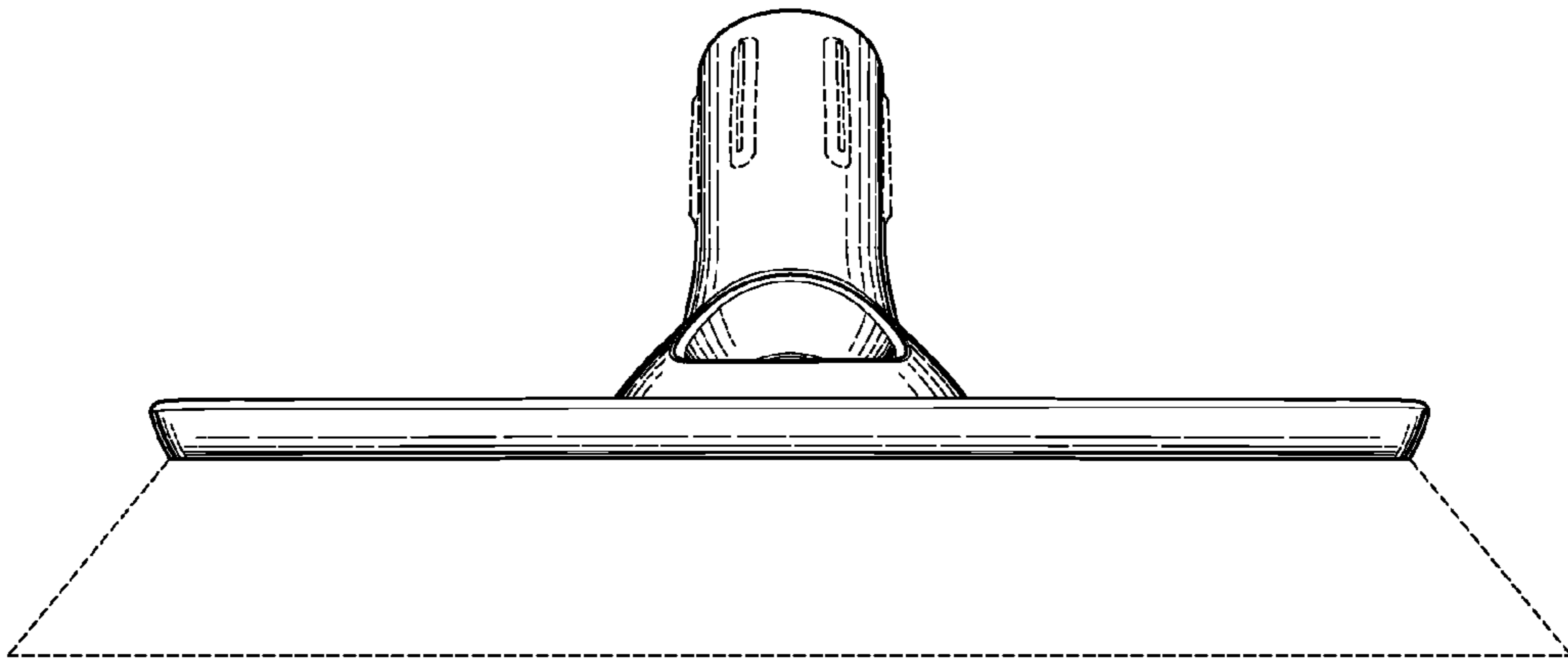


Fig. 3.

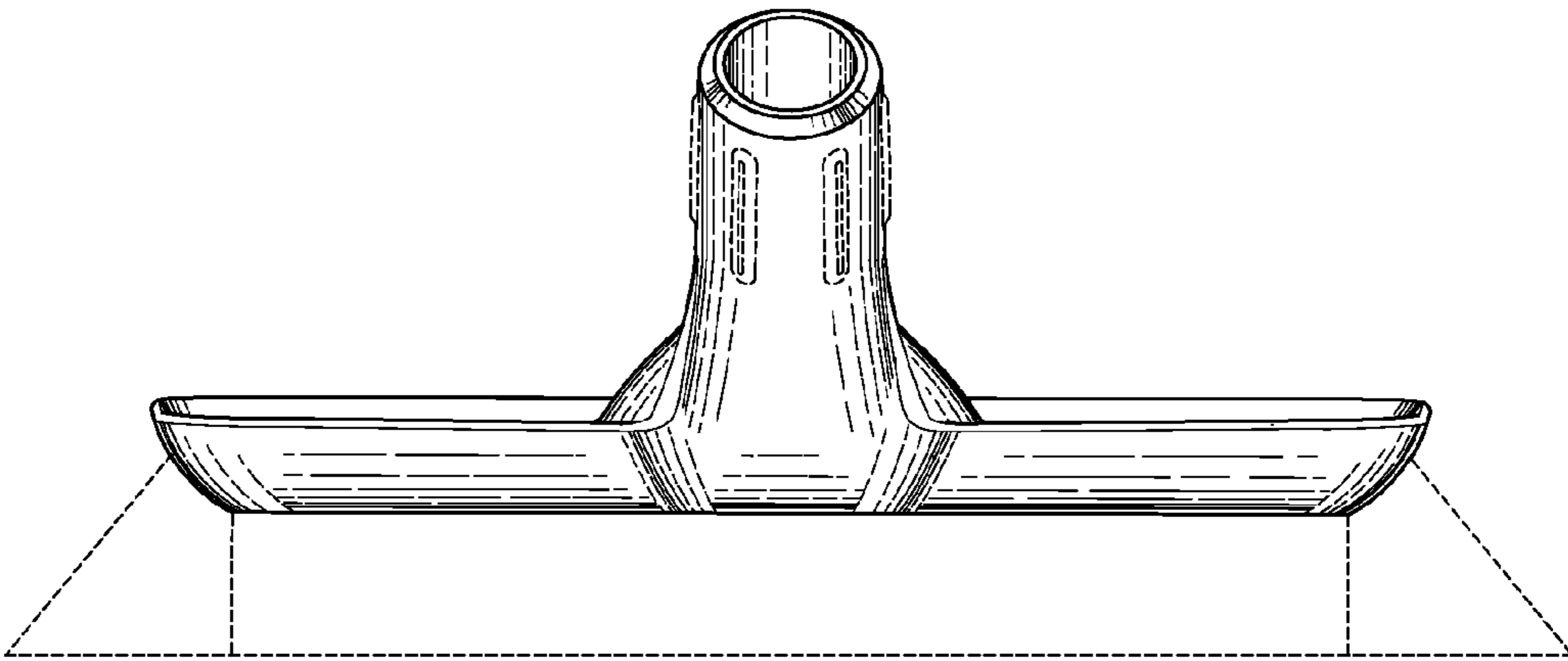


Fig. 4.

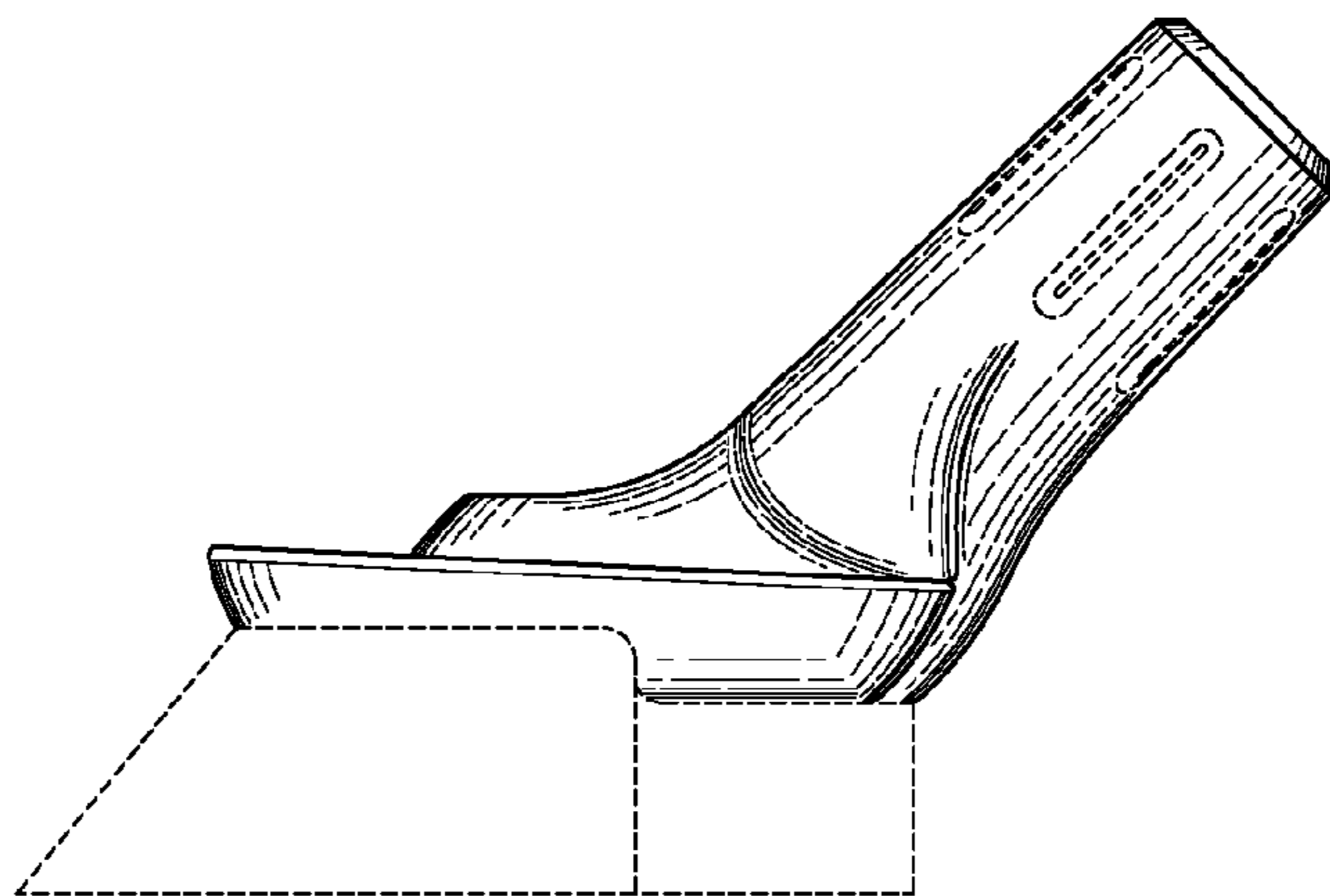


Fig. 5.

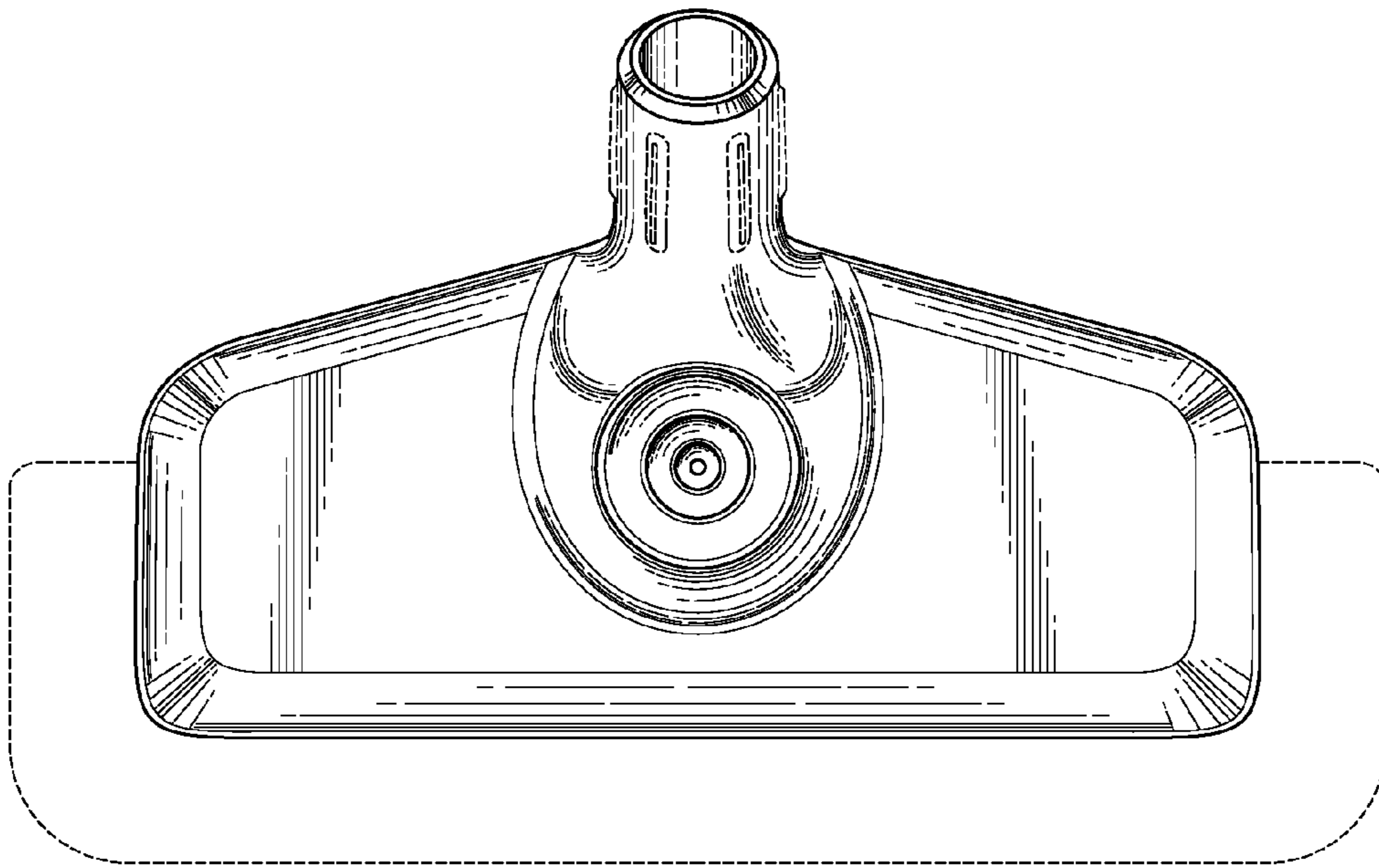


Fig. 6.

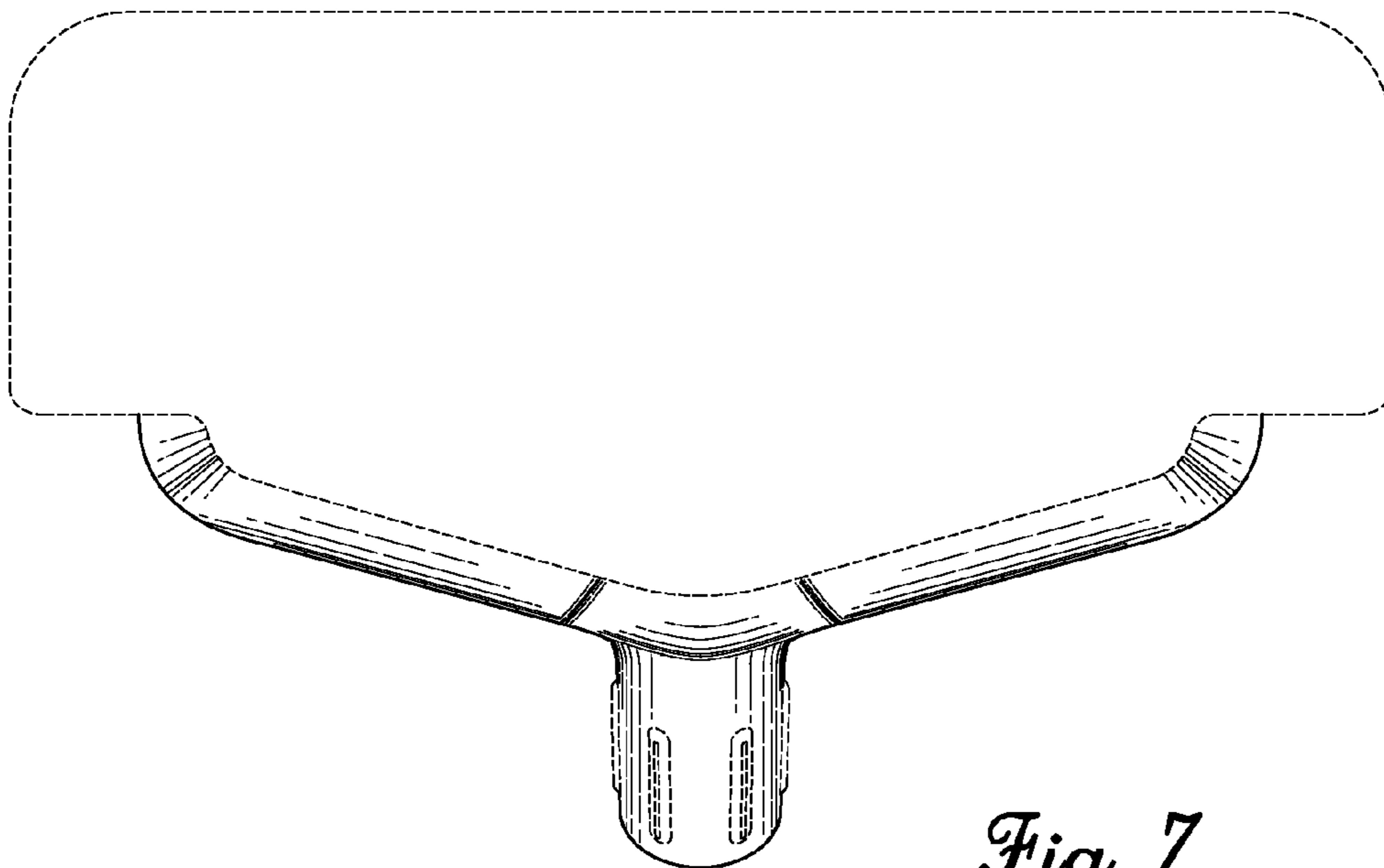


Fig. 7.