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Raven et al.

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(54) **SWEEPER FOOT**

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(51) **LOC (9) Cl.** **15-05**

(52) **U.S. Cl.** **D32/39; D32/33**

(58) **Field of Classification Search** D32/50, D32/17, 31-33, 22, 51, 38-40, 45, 25, 49; 15/182, 179, 168, 228, 319, 403, 209.1, 52, 15/1, 246.3, 320-322, 415.1-422.1, 414, 15/412, 354, 362, 366, 374, 400, 327.1, 329, 15/41.1, 42, 48, 171, 176.1, 159.1, 339, 208, 15/372, 385, 115, 106; 401/138-139; 68/222; 134/198, 105

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D263,236	S	*	3/1982	Ueda	.....	D32/32
D418,267	S	*	12/1999	Lin	.....	D32/32
D440,019	S	*	4/2001	Mehaffey et al.	.....	D32/32
D456,965	S	*	5/2002	Paterson et al.	.....	D32/32
D456,966	S	*	5/2002	Paterson et al.	.....	D32/32

D473,687	S	*	4/2003	Kaffenberger	.....	D32/33
D495,106	S	*	8/2004	Leyden et al.	.....	D32/32
D499,850	S	*	12/2004	Leyden	.....	D32/32
D501,283	S	*	1/2005	Carr et al.	.....	D32/38
D524,498	S	*	7/2006	Luebbering et al.	.....	D32/32
D536,495	S	*	2/2007	Porter et al.	.....	D32/32
D537,220	S	*	2/2007	Porter et al.	.....	D32/32
D549,906	S	*	8/2007	Rosenzweig	.....	D32/38
7,356,876	B2	*	4/2008	Dant et al.	.....	15/414
D575,467	S	*	8/2008	Paredes et al.	.....	D32/32
D594,612	S	*	6/2009	Umeda	.....	D32/32
7,665,172	B1	*	2/2010	Tran et al.	.....	15/41.1
D618,873	S	*	6/2010	Ayers	.....	D32/33
2002/0038489	A1	*	4/2002	Paterson et al.	.....	15/339
2005/0022338	A1	*	2/2005	Muhlenkamp	.....	15/414
2006/0021188	A1	*	2/2006	Lee	15/419
2008/0289141	A1	*	11/2008	Oh et al.	15/354

* cited by examiner

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(57) **CLAIM**

The ornamental design for a sweeper foot, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a sweeper foot which embodies our design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

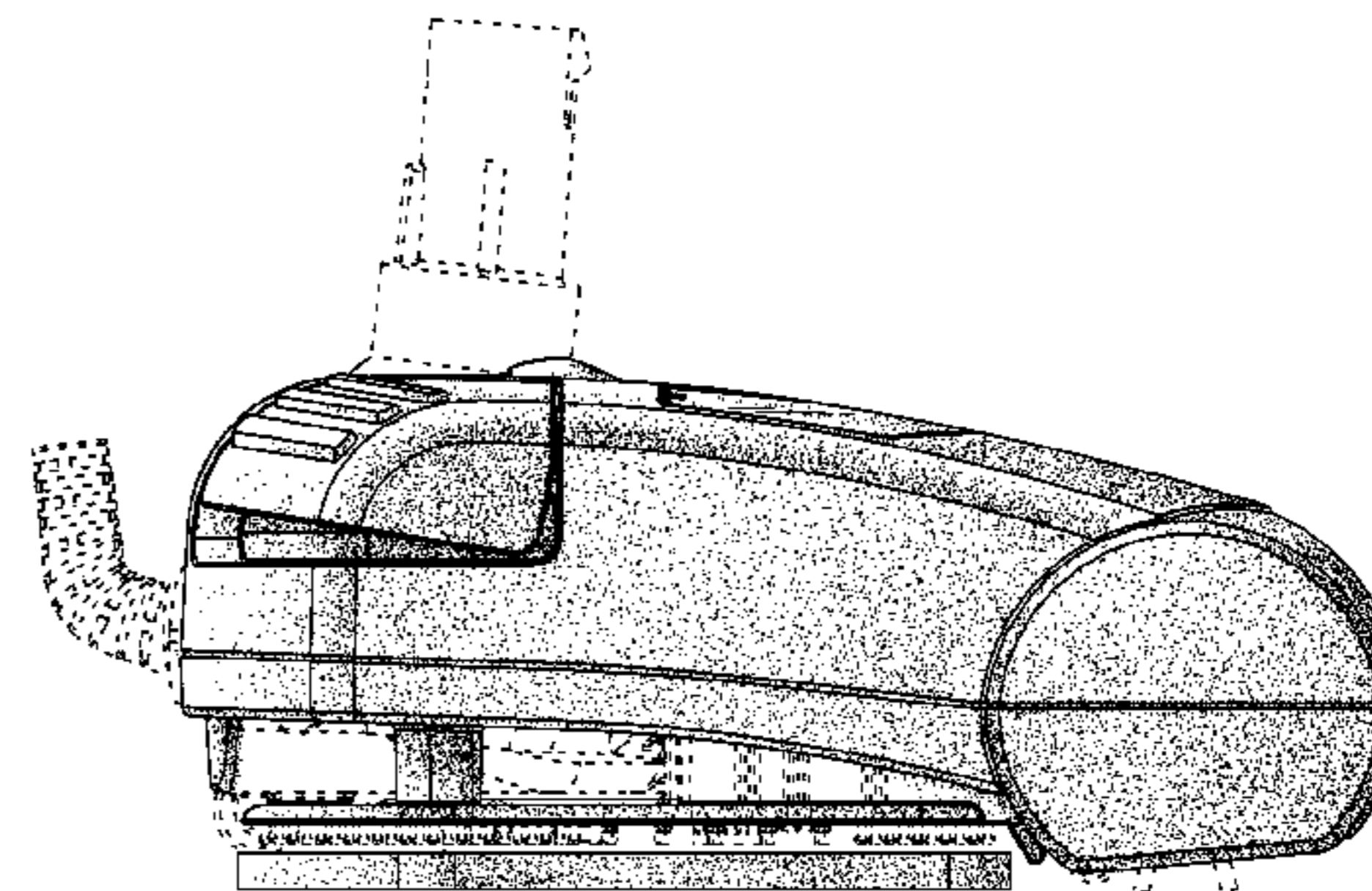
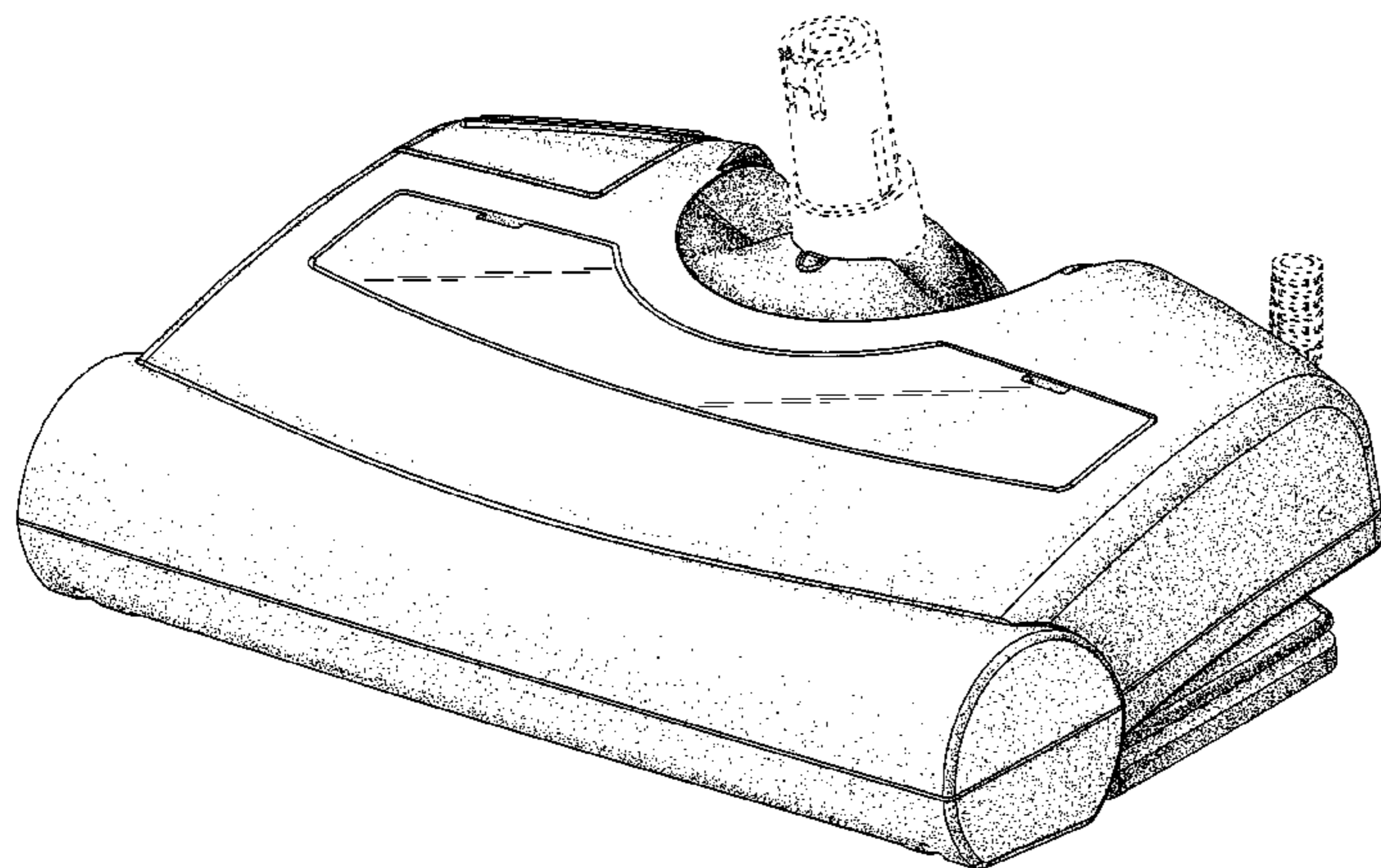
FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof; and,

FIG. 6 is a top view thereof.

The material in dotted lines forms no part of our design.

1 Claim, 4 Drawing Sheets



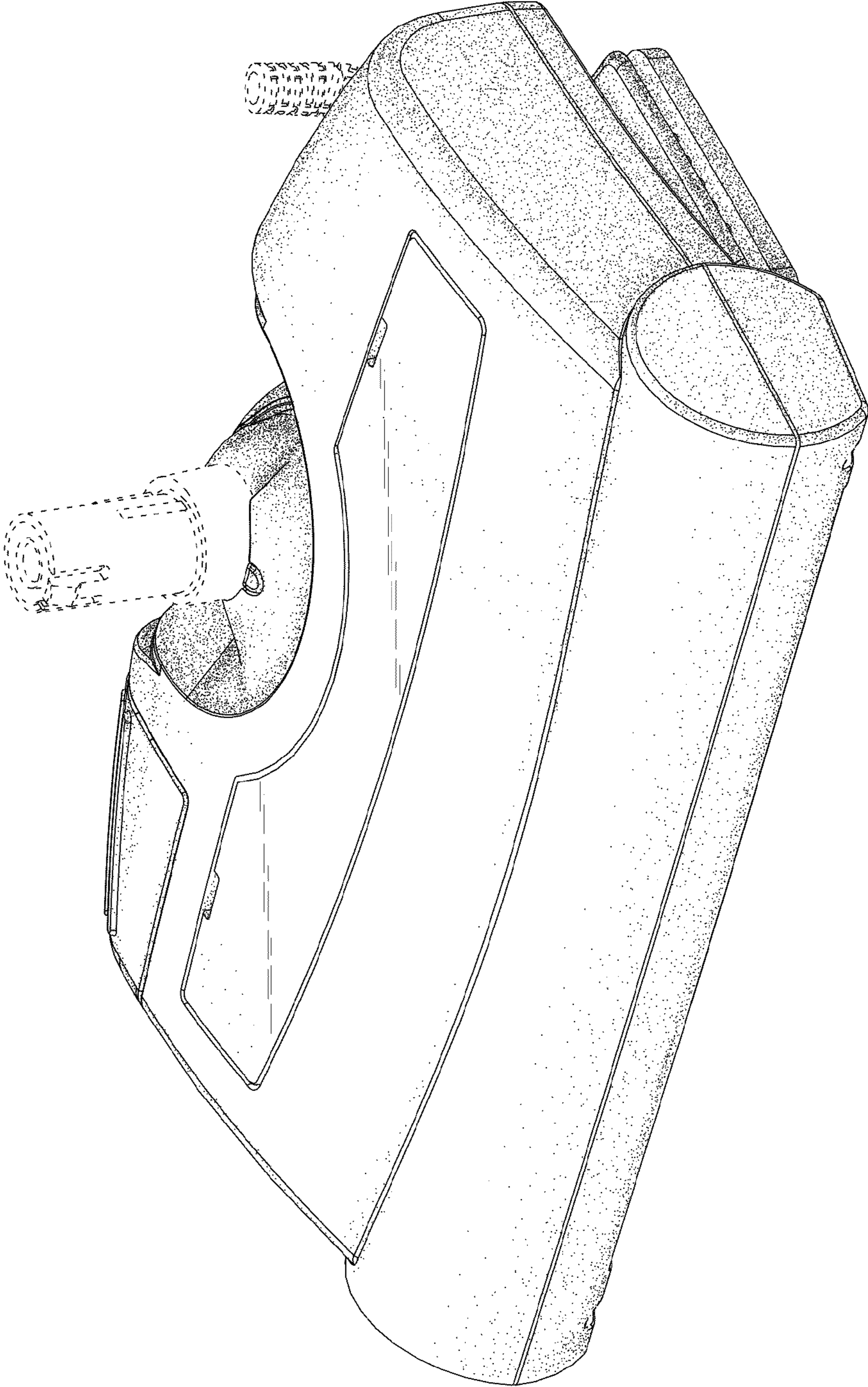


Fig. 1

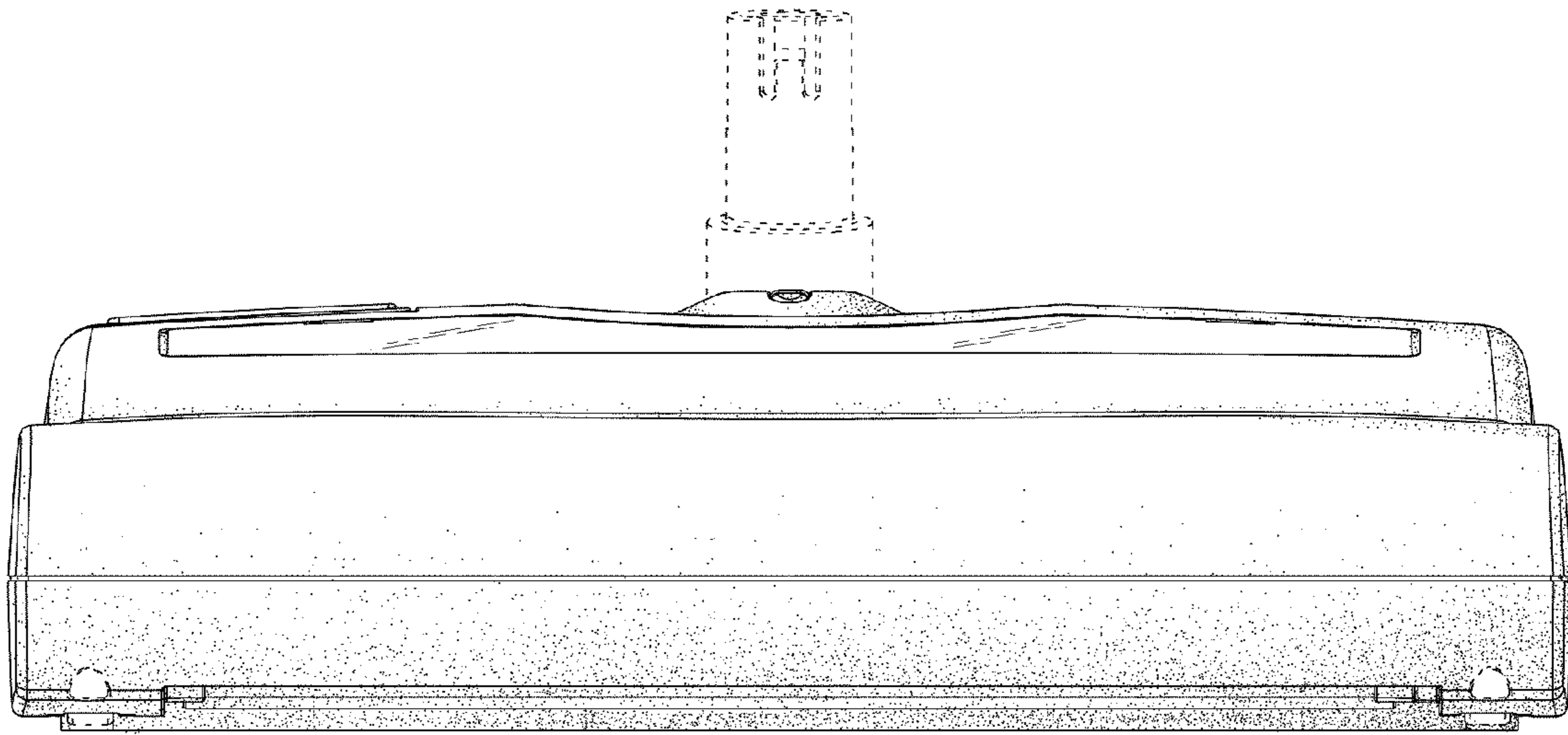


Fig. 2

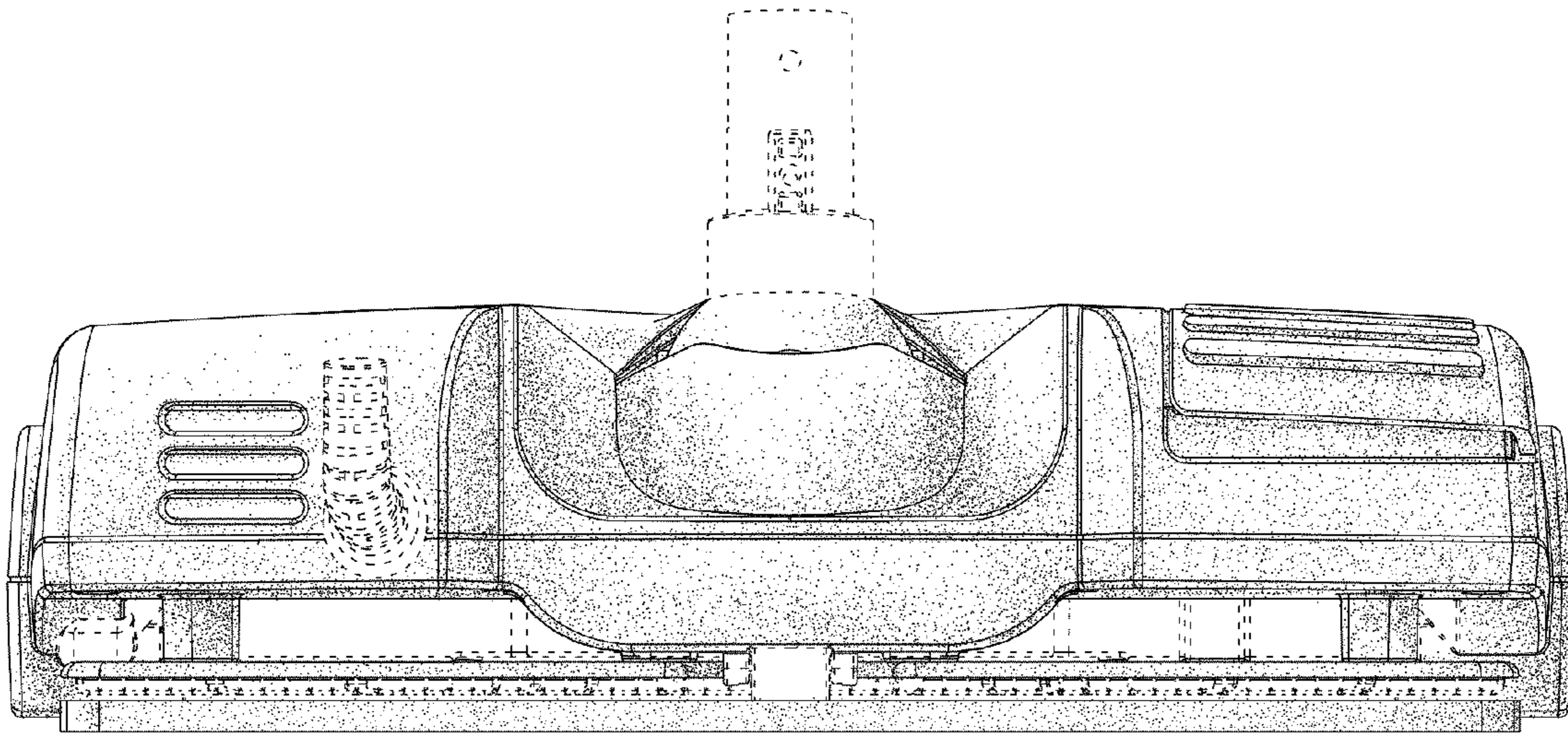


Fig. 3

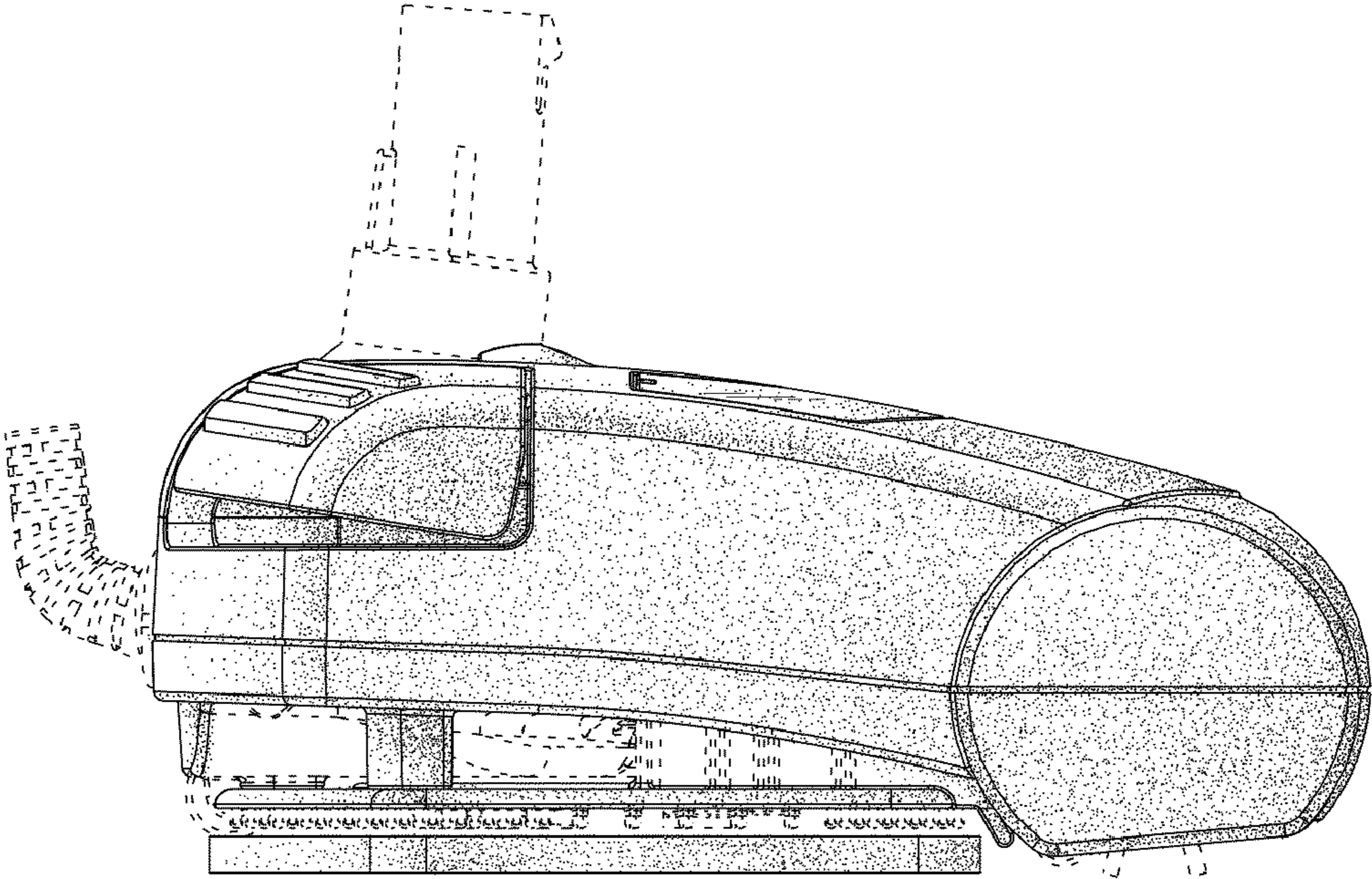


Fig. 4

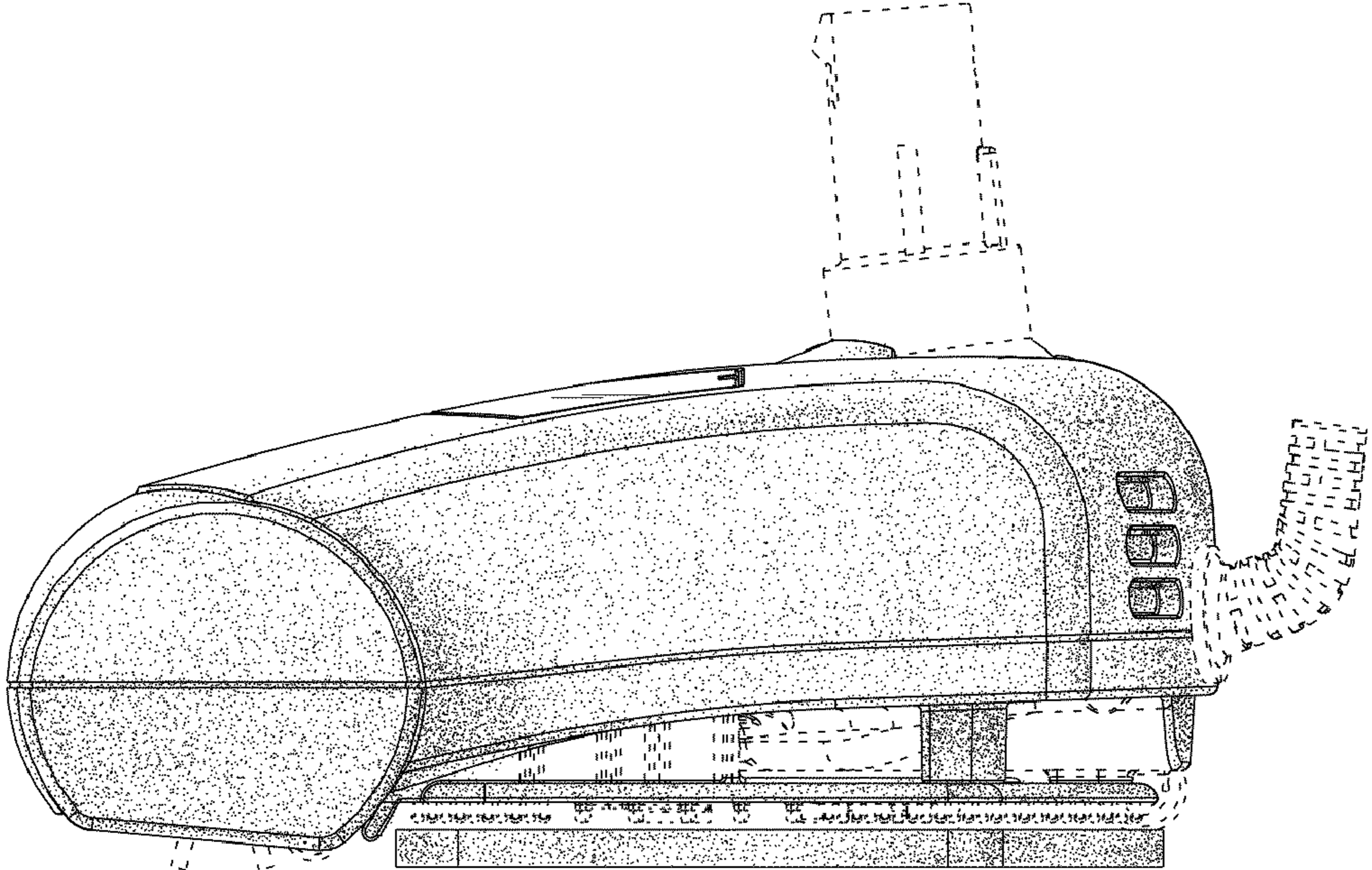


Fig. 5

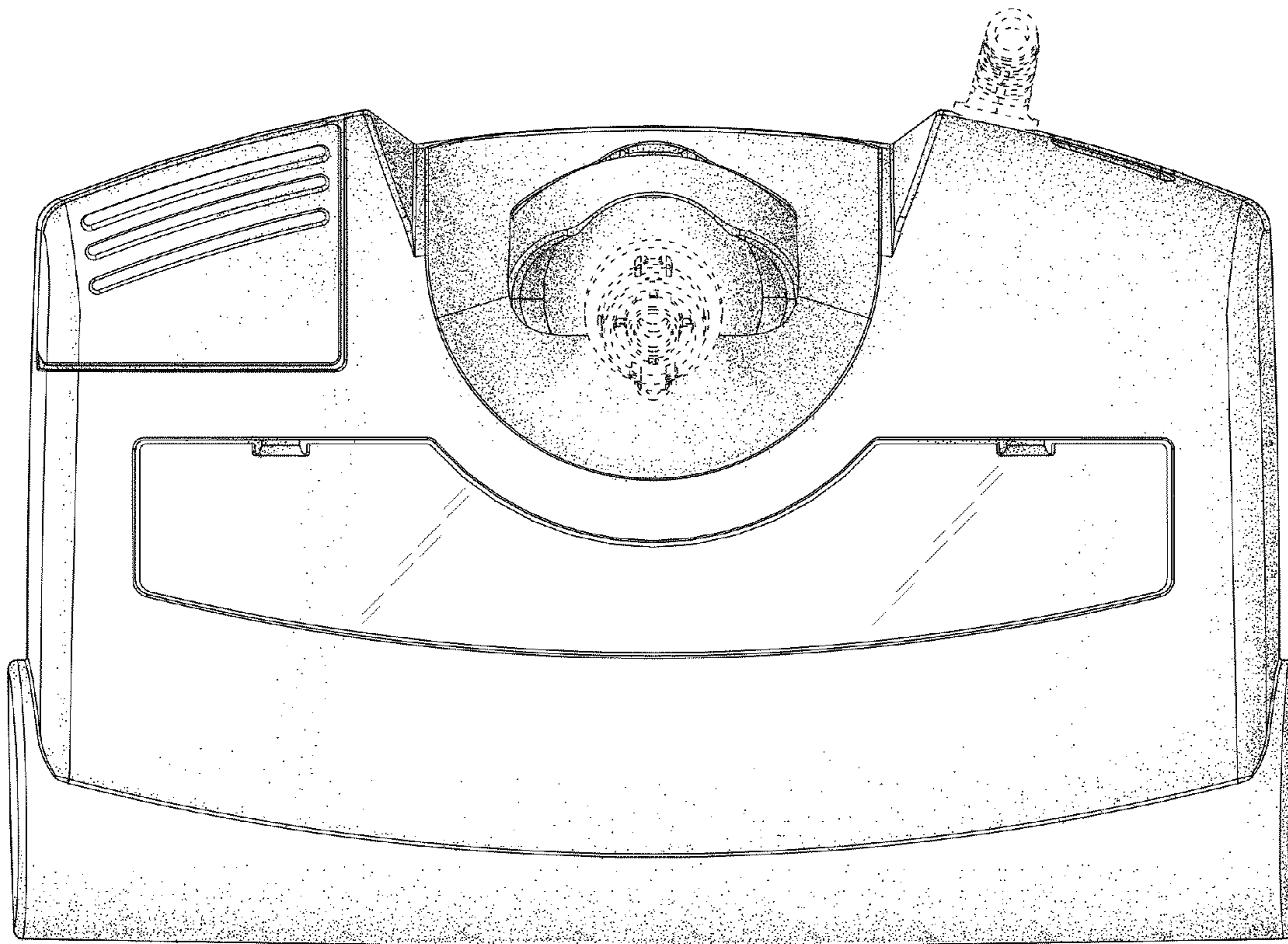


Fig. 6