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Schroeter et al.

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(54) **SPOT CLEANER**

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USPC **D32/18**

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D32/25; D9/527-528, 685; D4/116-118;
D19/163, 117, 184
CPC A61B 90/80; A47L 25/00; A47L 5/24-26
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D290,893 S *	7/1987	Essex	.....	D32/18
D295,566 S *	5/1988	Hetherington	.....	D32/18
D303,170 S *	8/1989	Hirano	.....	D32/18
D304,249 S *	10/1989	Yuen	.....	D32/18
D304,250 S *	10/1989	Hassel	.....	D32/18
D316,316 S *	4/1991	Yuen	.....	D32/18
D388,562 S *	12/1997	Doria	.....	D32/17
D421,513 S *	3/2000	Hsu	.....	D32/18
D453,868 S *	2/2002	Murphy	.....	D32/18
D456,963 S *	5/2002	Murphy	.....	D32/18
D488,595 S *	4/2004	Sun	.....	D32/15
D504,985 S *	5/2005	Buzzi	.....	D32/17

D564,153 S *	3/2008	Fjellman	.....	D32/18
D577,163 S *	9/2008	Dyson	.....	D32/18
8,146,201 B2 *	4/2012	Conrad	.....	A47L 5/24 15/327.7
D720,102 S *	12/2014	Gu	.....	D32/18
9,420,925 B2 *	8/2016	Conrad	.....	A47L 5/24
D826,493 S *	8/2018	Nam	.....	D32/18
10,064,530 B2 *	9/2018	Krebs	.....	A47L 9/322
10,117,551 B2 *	11/2018	Horvath	.....	A47L 9/12
10,376,112 B2 *	8/2019	Conrad	.....	A47L 5/225

(Continued)

FOREIGN PATENT DOCUMENTS

CN	304432226	*	12/2017
EM	004084804-0011	*	7/2017

OTHER PUBLICATIONS

Vacuum Cleaner Robert Bosch GmbH, publish date 2017, <https://imgbin.com/png/ZUAadfPd/vacuum-cleaner-robert-bosch-gmbh-cordless-augers-lit> . . . site visited Aug. 30, 2019.*

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(57) **CLAIM**

The ornamental design for a spot cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the spot cleaner showing our new invention;
FIG. 2 is a front view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2002/0073504 A1* 6/2002 Hall A47L 1/08
15/320
2008/0196194 A1* 8/2008 Conrad A47L 9/1608
15/353
2016/0015229 A1* 1/2016 Conrad A47L 5/24
15/344
2017/0296958 A1* 10/2017 Nam A47L 9/1608

* cited by examiner



FIG. 1

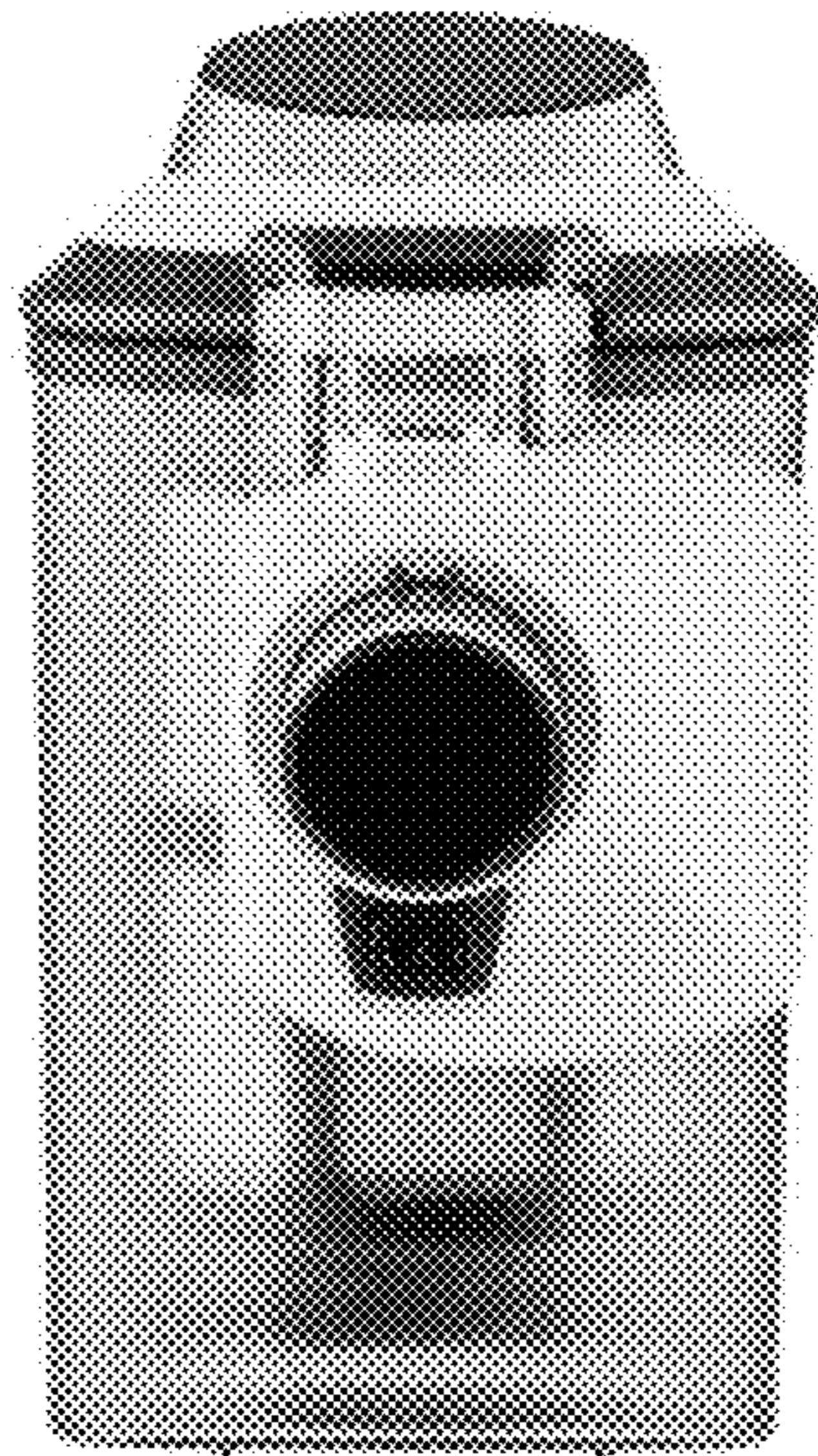


FIG. 2



FIG. 3

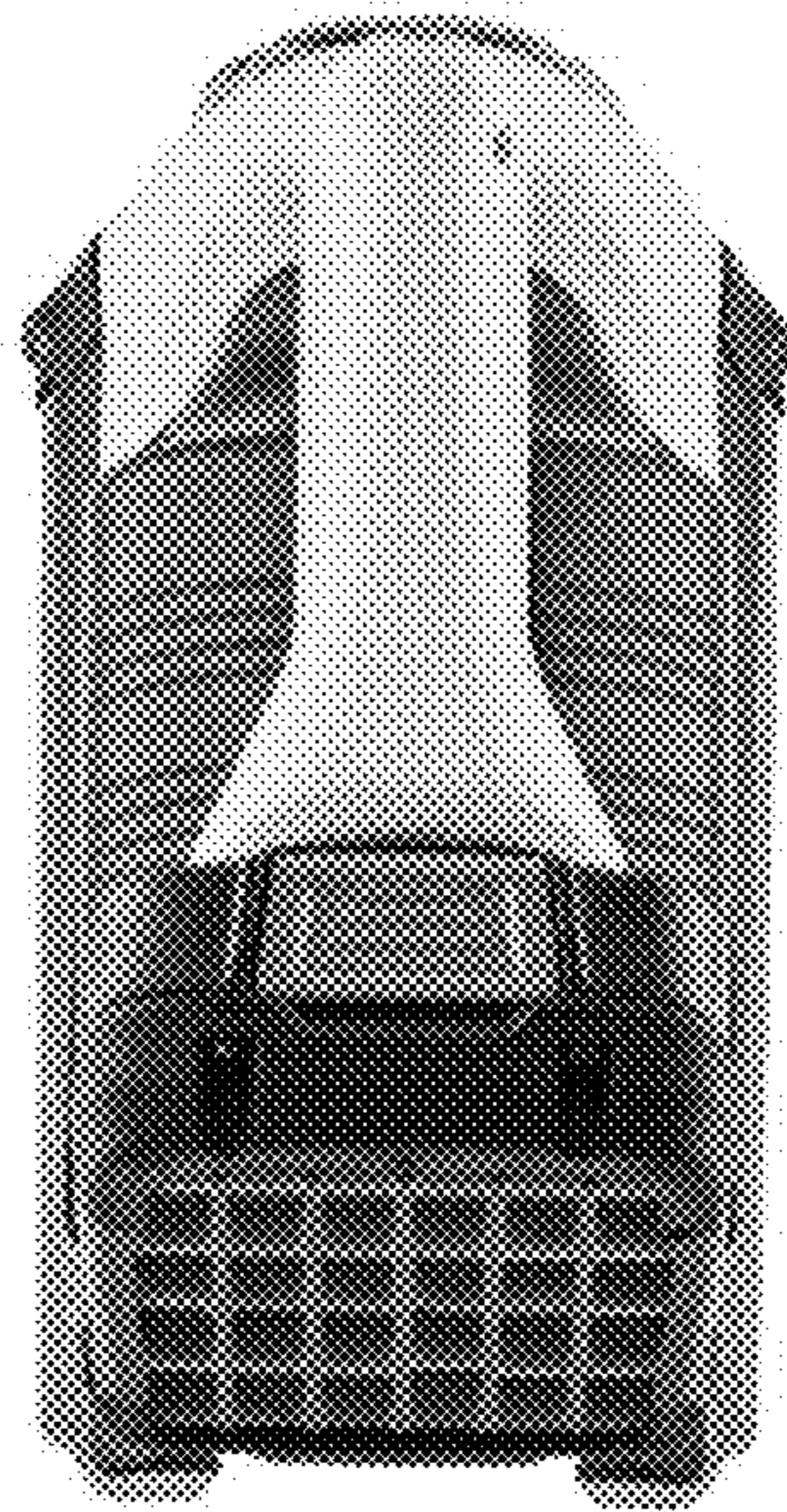


FIG. 4



FIG. 5

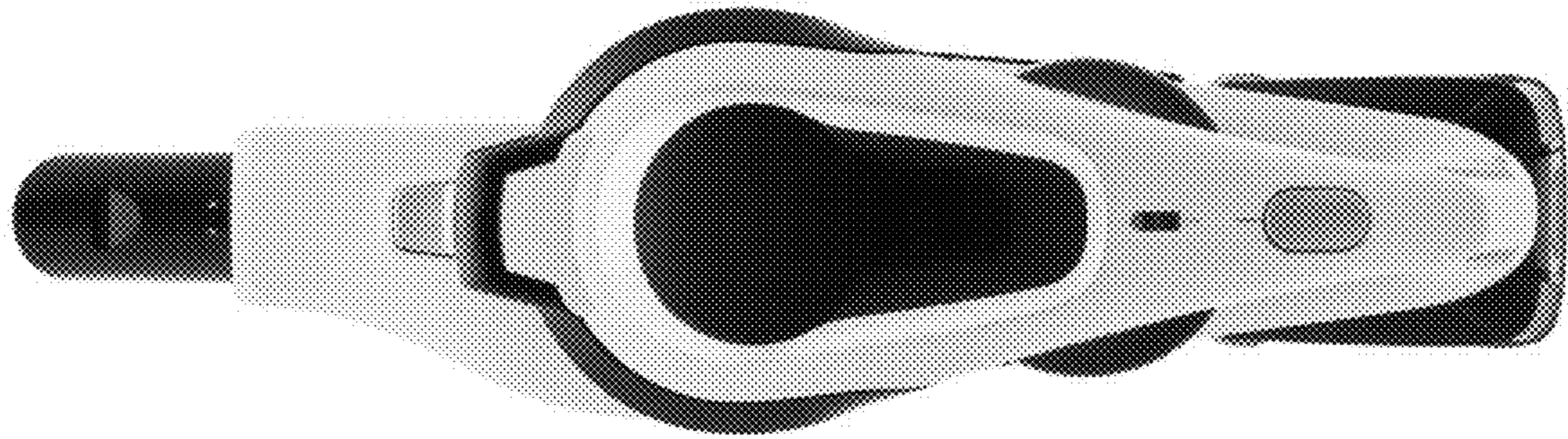


FIG. 6

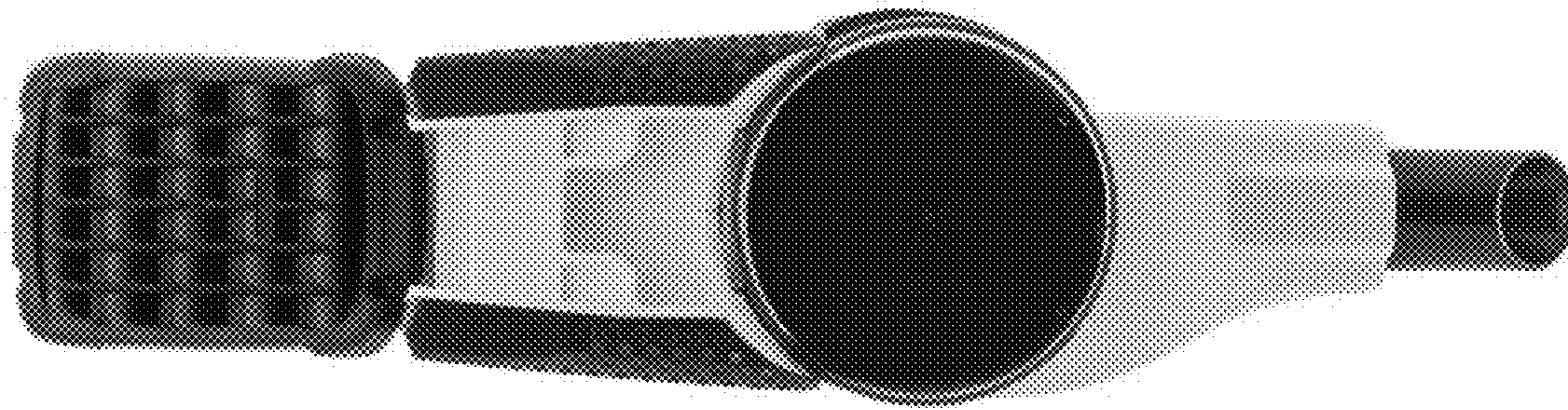


FIG. 7