



US00D895687S

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

(10) **Patent No.:** **US D895,687 S**
(45) **Date of Patent:** **** Sep. 8, 2020**

(54) **EXCAVATOR**
(71) Applicant: **J.C. BAMFORD EXCAVATORS LIMITED**, Uttoxeter (GB)
(72) Inventors: **Shirkant Phadatare**, Uttoxeter (GB); **Stephen Hawkes**, Uttoxeter (GB)
(73) Assignee: **J.C. BAMFORD EXCAVATORS LIMITED**, Uttoxeter, Staffordshire (GB)
(**) Term: **15 Years**
(21) Appl. No.: **29/688,190**
(22) Filed: **Apr. 18, 2019**

D348,270 S 6/1994 Lehmann-Brendel et al.
5,427,185 A 6/1995 Seal
D366,267 S 1/1996 Lepoix
D376,604 S 12/1996 Johnson
D391,272 S 2/1998 Jin et al.
5,911,624 A 6/1999 Stauffer
D437,602 S 2/2001 Hiraoka et al.
D446,225 S 8/2001 Brandenburg, III et al.
D453,023 S 1/2002 Kaneko et al.
D455,763 S 4/2002 Brandenburg, III et al.
D460,975 S 7/2002 Yanagida et al.
D462,974 S 9/2002 Yanagida et al.
D463,461 S 9/2002 Yanagida et al.
D463,462 S 9/2002 Yanagida et al.
D464,662 S 10/2002 Dahl et al.
D479,536 S 9/2003 Dahl et al.
D481,044 S 10/2003 Tokach et al.
D497,920 S 11/2004 Antonetti

(Continued)

(30) **Foreign Application Priority Data**

Oct. 22, 2018 (EP) 005045556-0002

(51) **LOC (12) Cl.** **12-09**

(52) **U.S. Cl.**
USPC **D15/22; D15/25**

(58) **Field of Classification Search**
USPC D15/10, 22-26, 28, 30; 180/89.1, 89.12, 180/89.13, 900, 9.1, 9.2, 9.62; 37/379; 414/694, 699, 722-724, 660, 685, 698, 414/719, 743
CPC E02F 3/32; E02F 3/76; E02F 3/40; E02F 9/163
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D272,071 S 1/1984 Baconet et al.
D297,329 S 8/1988 Monehaie et al.
D304,589 S 11/1989 Lanphere et al.
D321,517 S 11/1991 Katoh et al.
5,273,340 A 12/1993 Nelson et al.

Primary Examiner — Mark A Goodwin

(74) *Attorney, Agent, or Firm* — Marshall, Gerstein & Borun LLP

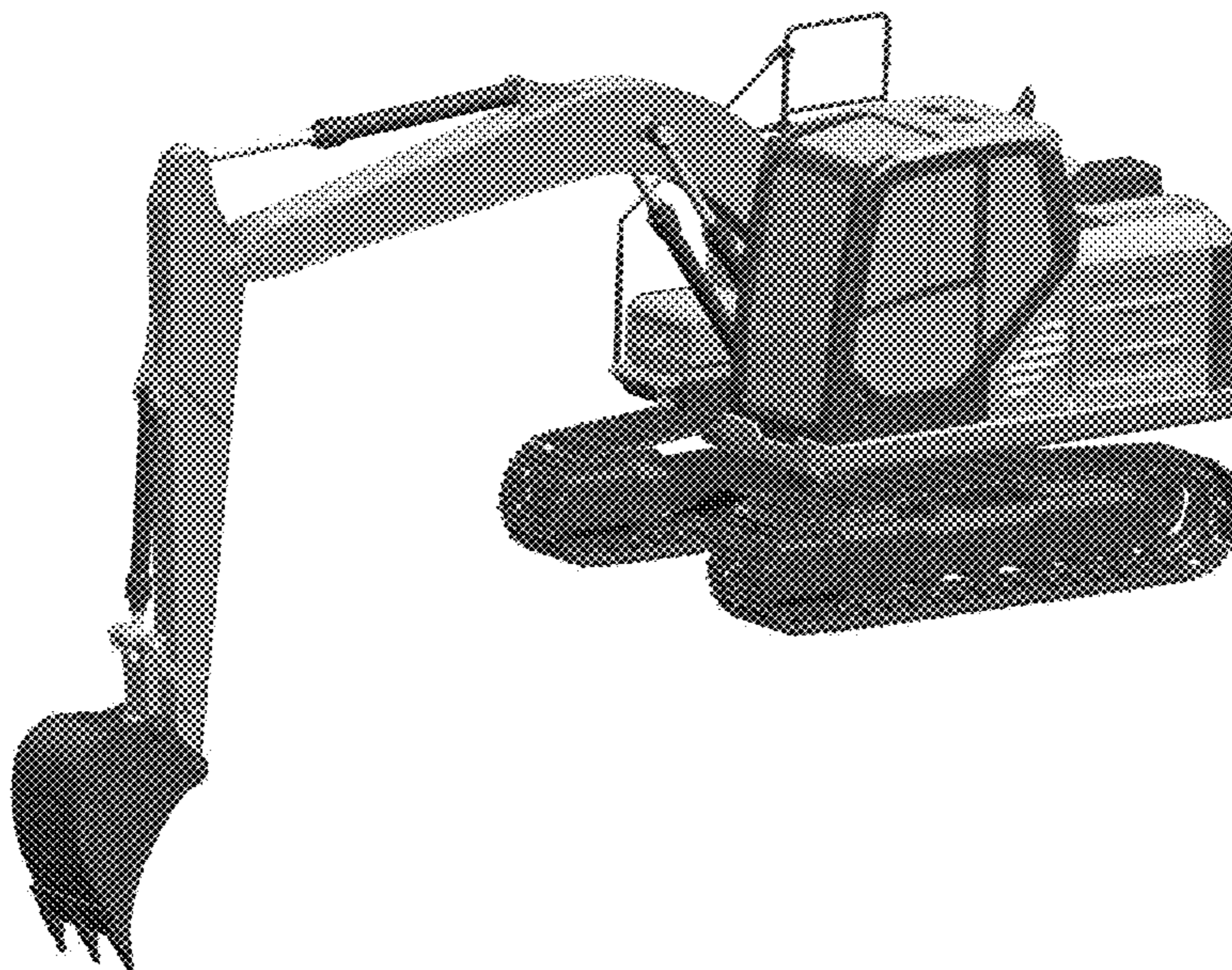
(57) **CLAIM**

The ornamental design for an excavator, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an excavator showing the new design;
FIG. 2 is a top view of the invention illustrated in FIG. 1;
FIG. 3 is a bottom view of the invention illustrated in FIG. 1;
FIG. 4 is a front view of the invention illustrated in FIG. 1;
FIG. 5 is a rear view of the invention illustrated in FIG. 1;
FIG. 6 is a right side view of the invention illustrated in FIG. 1; and,
FIG. 7 is a left side view of the invention illustrated in FIG. 1.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D528,568 S	9/2006	Kuwae et al.	D693,858 S	11/2013	Hagura et al.
D531,646 S	11/2006	McCarren, Jr. et al.	D695,791 S	12/2013	Hagura et al.
D533,569 S	12/2006	Mursch	D707,261 S	6/2014	Caboret et al.
D534,552 S	1/2007	Yanagida	D707,728 S	6/2014	Imashige et al.
D534,927 S	1/2007	Mursch	8,820,457 B2	9/2014	Nishimura
D541,826 S	5/2007	Brush et al.	D714,837 S	10/2014	Jacobsthal et al.
D549,245 S	8/2007	Antonetti	D715,330 S	10/2014	Hutchinson et al.
D559,279 S	1/2008	Sakitani et al.	D720,370 S	12/2014	Carter et al.
D582,947 S	12/2008	Ueta et al.	D723,069 S	2/2015	Turner et al.
7,467,722 B2	12/2008	Ramun	D724,106 S	3/2015	Gallagher et al.
D587,285 S	2/2009	Murakami et al.	D725,157 S	3/2015	Higuchi et al.
D594,480 S	6/2009	Gicquel et al.	D725,683 S	3/2015	Payne et al.
D614,674 S	4/2010	Hobenshield et al.	D726,229 S	4/2015	Turner et al.
D625,741 S	10/2010	Seidel et al.	D727,370 S	4/2015	Payne et al.
D636,795 S	4/2011	Yamamoto et al.	D728,639 S	5/2015	Payne et al.
D637,630 S	5/2011	Yamamoto et al.	D746,014 S	12/2015	Rekow et al.
D642,205 S	7/2011	Yamamoto et al.	D746,534 S	12/2015	Rekow et al.
D653,173 S	1/2012	Dolesh	D749,150 S	2/2016	Payne et al.
D654,400 S	2/2012	Dolesh	D749,646 S	2/2016	Turner et al.
D658,211 S	4/2012	Hiraoka et al.	D749,649 S	2/2016	McAdam et al.
D660,881 S	5/2012	Bohme et al.	D750,672 S	3/2016	Payne et al.
D663,324 S	7/2012	Fuchita et al.	D751,123 S	3/2016	Kazakoff
D663,751 S	7/2012	Yogita et al.	D759,127 S	6/2016	Higuchi et al.
D664,569 S	7/2012	Rupp	D762,248 S	7/2016	Steinhardt et al.
D668,693 S	10/2012	Ringer	D773,537 S	12/2016	Fiser et al.
D671,566 S	11/2012	Fang et al.	D774,111 S	12/2016	Underhill et al.
8,365,855 B2 *	2/2013	Mamada B60K 11/04 180/312	D774,112 S	12/2016	Fiser et al.
D677,703 S	3/2013	Hiraoka et al.	D775,244 S	12/2016	Hart et al.
D678,354 S	3/2013	Hiraoka et al.	D780,231 S	2/2017	Saari et al.
D678,358 S	3/2013	Hiraoka et al.	D780,232 S	2/2017	Saari et al.
D678,359 S	3/2013	Hagura et al.	D780,235 S	2/2017	Kim
D680,136 S	4/2013	Tsukamoto et al.	D784,425 S	4/2017	Cooksey et al.
D682,322 S	5/2013	Suzuki	D797,159 S	9/2017	Yeu et al.
D684,598 S	6/2013	Hagura et al.	D813,917 S	3/2018	Smiley
D684,603 S	6/2013	Hagura et al.	D835,160 S	12/2018	Jilbert et al.
D684,604 S	6/2013	Saito et al.	10,167,610 B2	1/2019	Kurosaka et al.
D684,607 S	6/2013	Hagura et al.	D847,213 S	4/2019	Kurosaka et al.
D685,394 S	7/2013	Nagata et al.	D849,062 S	5/2019	Jilbert et al.
D687,868 S	8/2013	Watson et al.	D854,054 S	7/2019	Hirasawa et al.
D691,924 S	10/2013	Smith	D866,614 S *	11/2019	Jilbert D15/22
			D870,159 S *	12/2019	Jilbert D15/22
			2004/0200100 A1	10/2004	Kojima et al.
			2005/0012314 A1	1/2005	Kubo et al.

* cited by examiner

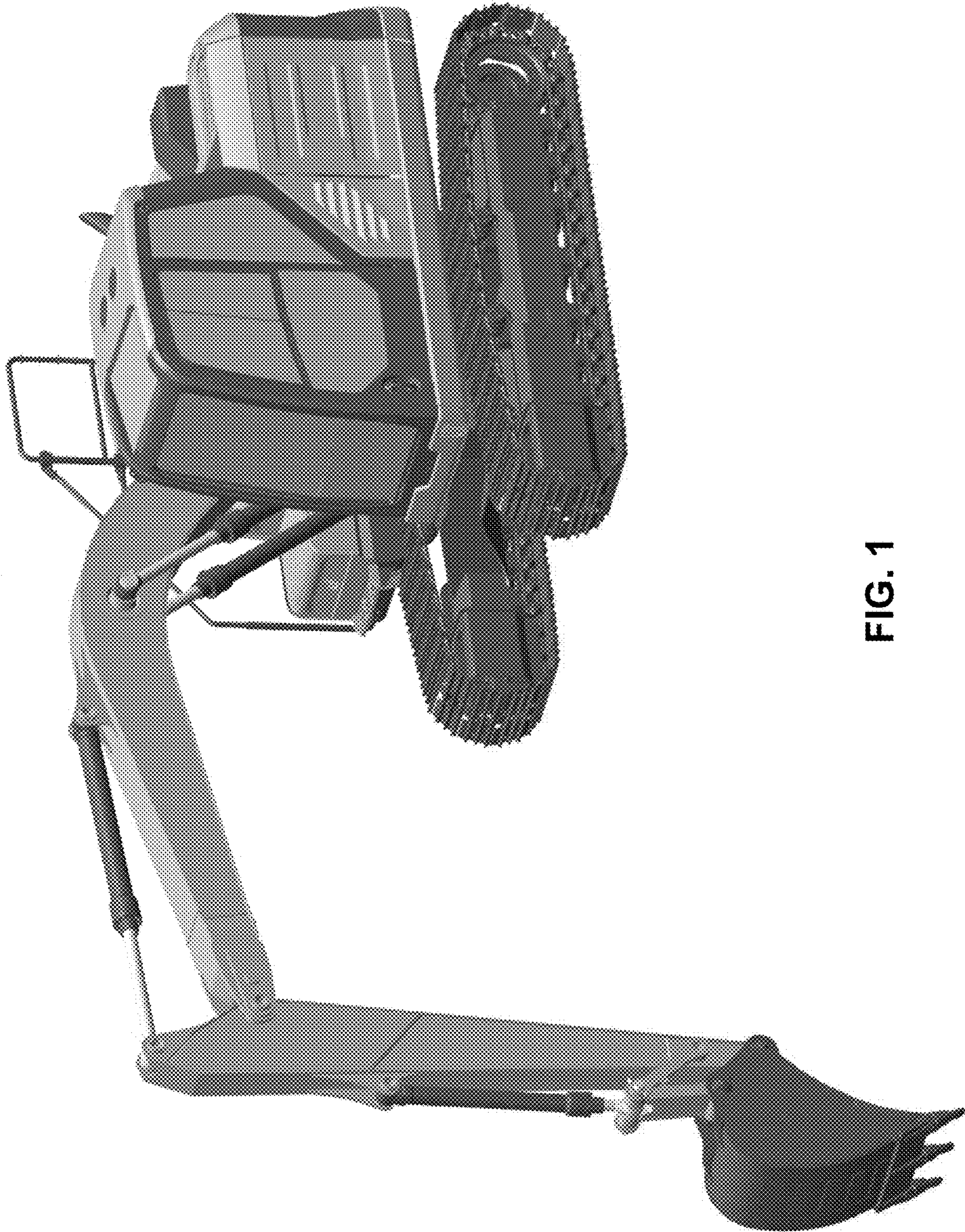


FIG. 1

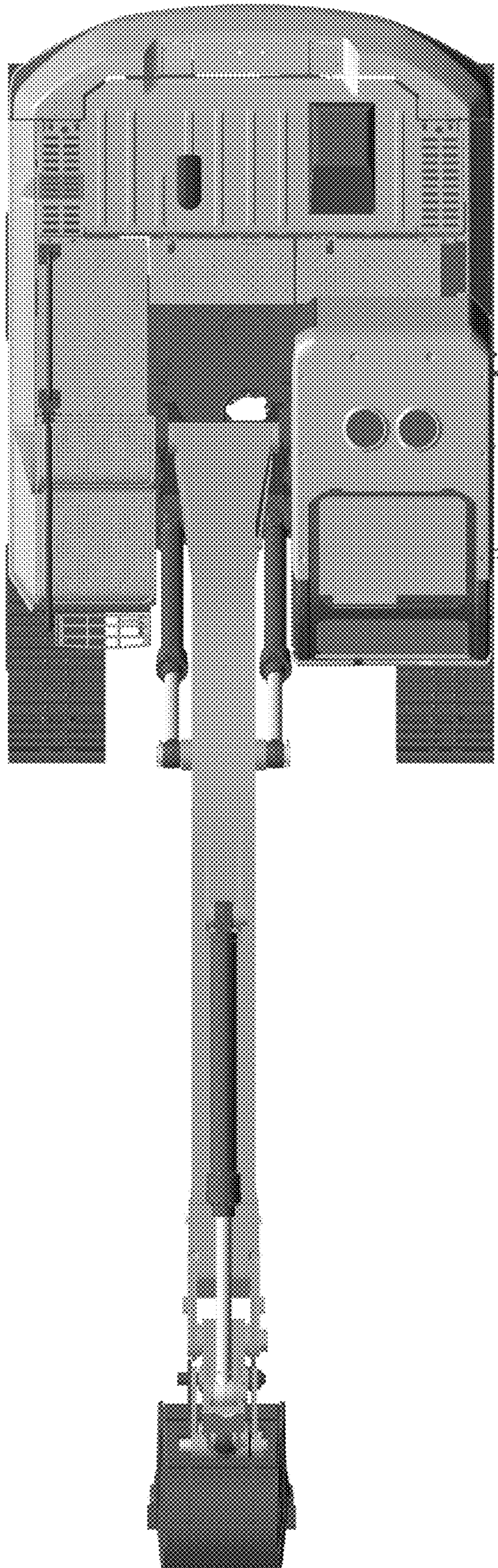


FIG. 2

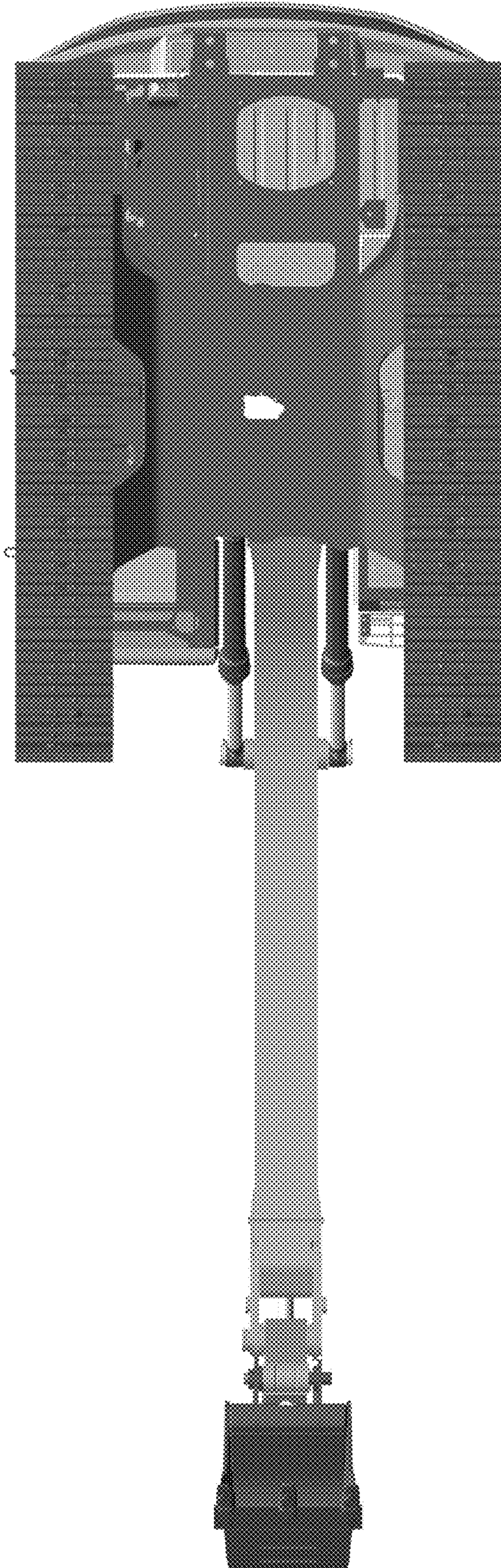


FIG. 3

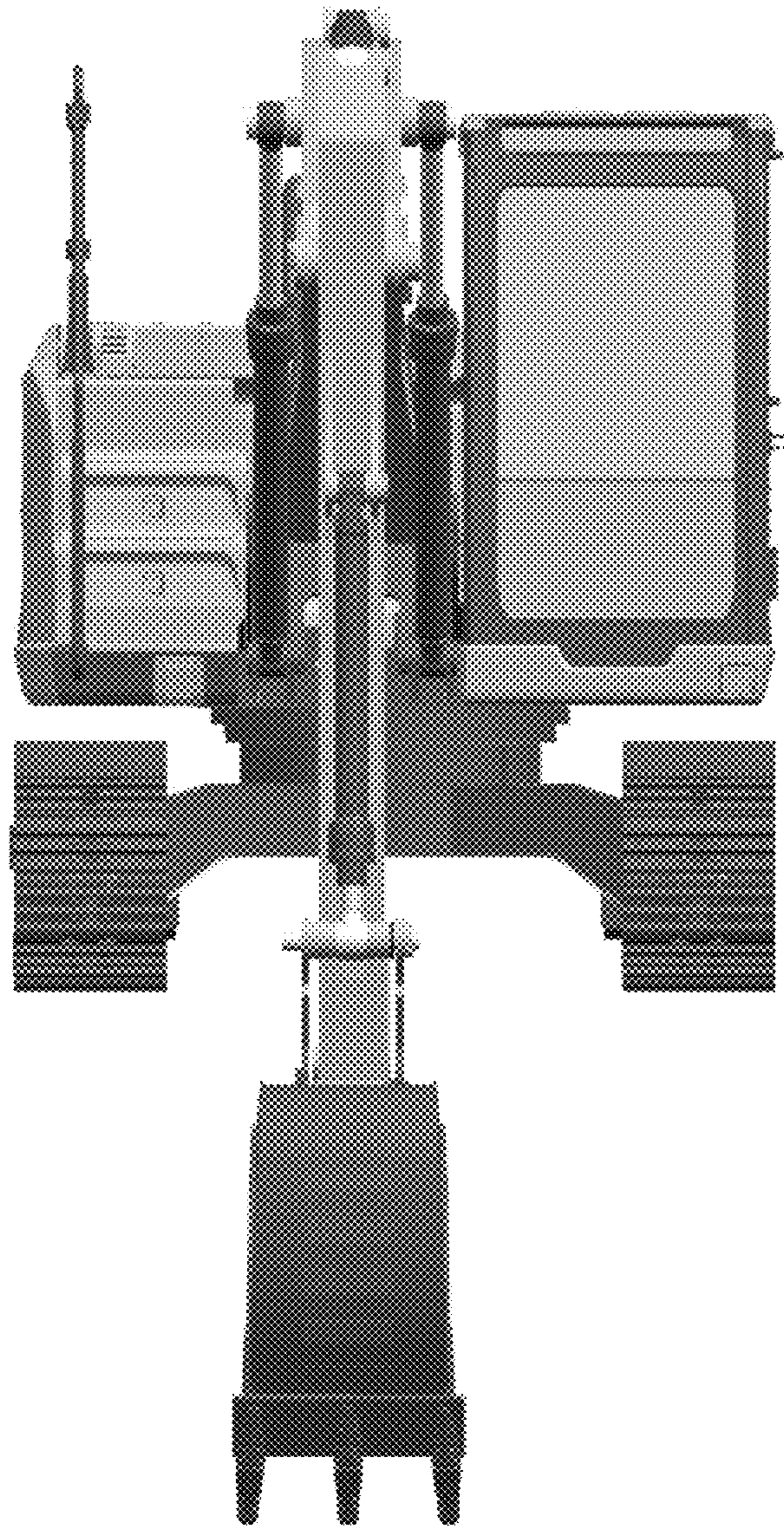


FIG. 4

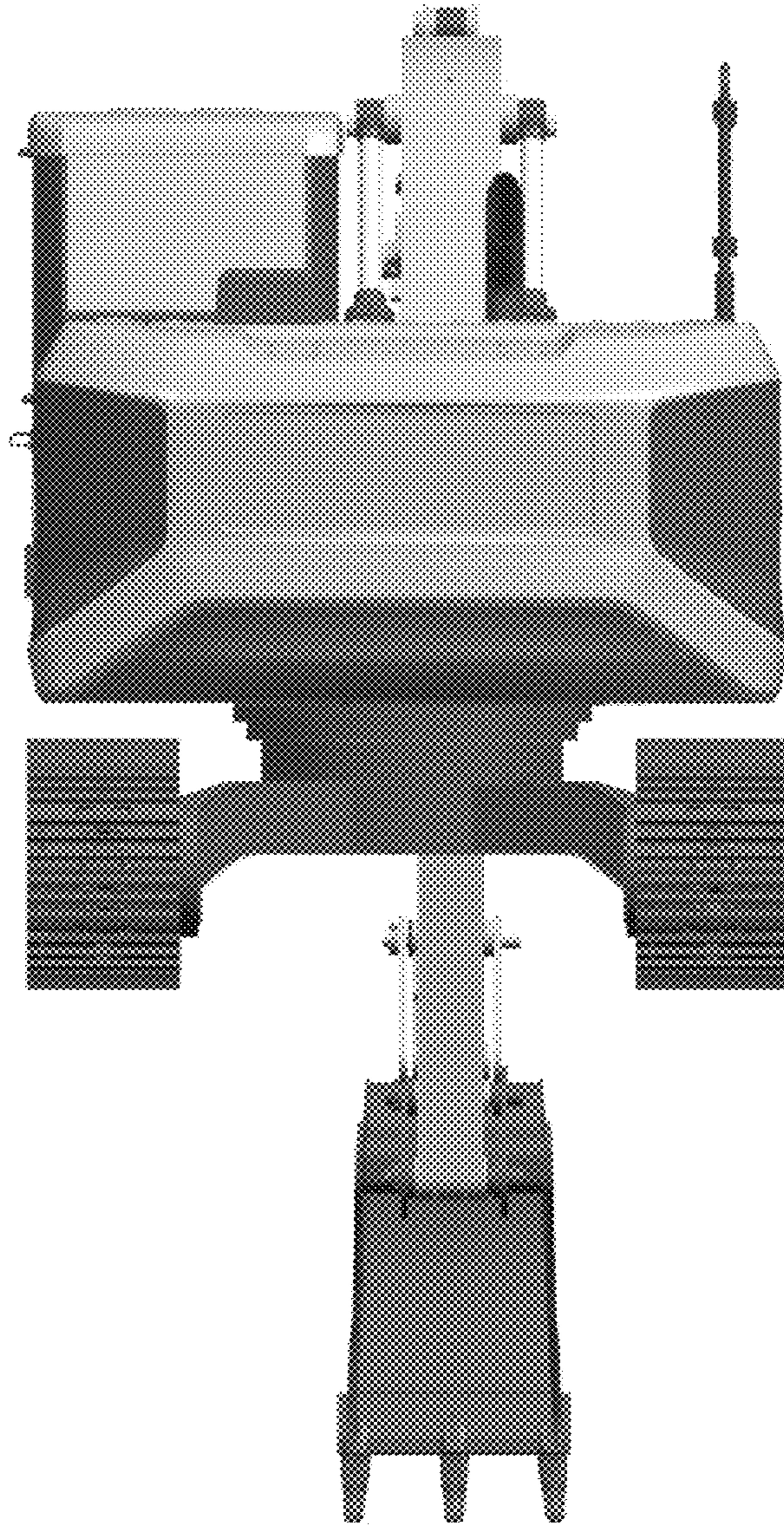


FIG. 5

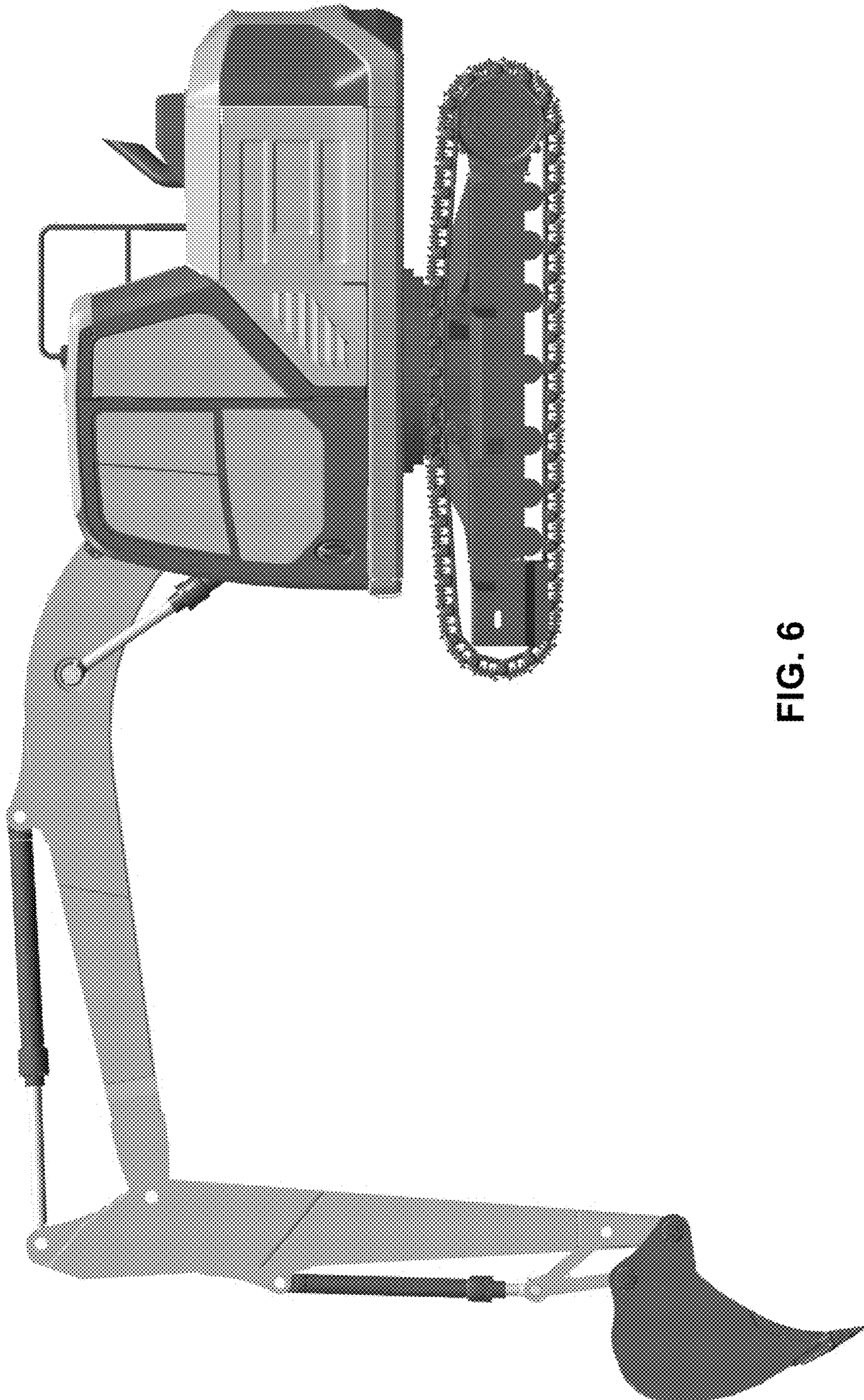


FIG. 6

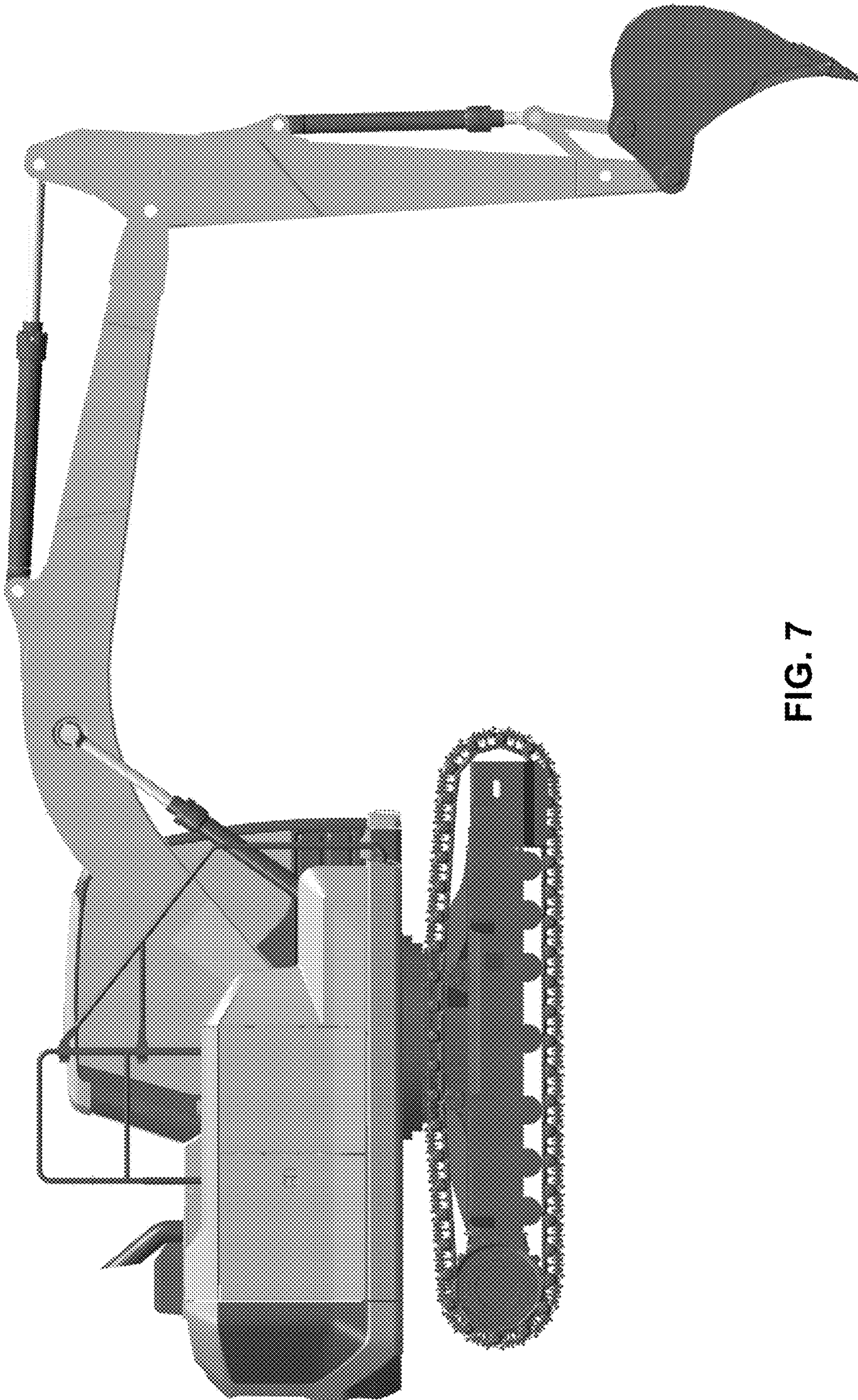


FIG. 7