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

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(54) **WHEEL LOADER**
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6,609,587 B1 * 8/2003 Smith B62D 21/186
180/418
D500,056 S * 12/2004 DeYoung D15/31
D549,738 S * 8/2007 Hiraoka D15/25
D590,846 S * 4/2009 Kinsinger D15/22
D624,567 S * 9/2010 Kelley D15/30
D626,153 S * 10/2010 Gavin D15/31
D632,313 S * 2/2011 Kelley D15/30
D633,927 S * 3/2011 Kelley D15/30

(Continued)

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OTHER PUBLICATIONS

Images of Volvo Construction Equipment Excavator Model
EC950E, disclosed at Bauma Trade Fair, Munich, Germany, Apr.
11-17, 2016.

(Continued)

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

Primary Examiner — Mark Goodwin

(21) Appl. No.: **29/610,398**

(74) *Attorney, Agent, or Firm* — Tucker Ellis LLP

(22) Filed: **Jul. 12, 2017**

(30) **Foreign Application Priority Data**

(57) **CLAIM**

Mar. 3, 2017 (EM) 003782531-0001

The ornamental design for a wheel loader, as shown and
described.

(51) **LOC (11) Cl.** **12-09**

DESCRIPTION

(52) **U.S. Cl.**

USPC **D15/25**

(58) **Field of Classification Search**

USPC D15/10, 22–26, 33, 28, 31; D21/431;
37/403, 409, 442, 443; 180/89.1, 89.12,
180/89.13; 296/190.03; 414/685, 694,
414/722, 724

CPC E02F 9/0841; E02F 3/3411; E02F 3/76;
E02F 3/34; E02F 3/00; E02F 7/00; B62D
21/186; B62D 53/028

See application file for complete search history.

The file of this patent contains at least one drawing/photo-
graph executed in color. Copies of this patent with color
drawing(s)/photograph(s) will be provided by the Office
upon request and payment of the necessary fee.

FIG. 1 is a left-rear perspective view of a wheel loader
showing our new design.

FIG. 2 is a right-rear perspective view thereof.

FIG. 3 is a front view thereof.

FIG. 4 is a rear view thereof.

FIG. 5 is a left side view thereof, shown in slightly reduced
scale.

FIG. 6 is a right side view thereof; and,

FIG. 7 is a top view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D326,858 S * 6/1992 Skeel D15/25
D364,408 S * 11/1995 Bryant D15/25
D405,807 S * 2/1999 Amy D15/25
D410,930 S * 6/1999 Kim D15/25

1 Claim, 7 Drawing Sheets
(7 of 7 Drawing Sheet(s) Filed in Color)



(56)

References Cited

U.S. PATENT DOCUMENTS

D652,061	S *	1/2012	Hiraoka	D15/23
D652,062	S *	1/2012	Hiraoka	D15/23
D693,853	S *	11/2013	Hiraoka	D15/23
D704,751	S *	5/2014	Furuki	D15/28
D708,232	S *	7/2014	Furuki	D15/23
D708,233	S *	7/2014	Furuki	D15/28
8,857,547	B1 *	10/2014	Shiina	E02F 9/0866 180/68.3
D739,445	S *	9/2015	Turner	D15/31
D757,826	S *	5/2016	Hartz	D15/31
D758,457	S *	6/2016	Okuyama	D15/23
D762,740	S *	8/2016	Okuyama	D15/28
2014/0219761	A1 *	8/2014	Moriguchi	F16H 57/045 414/685
2015/0275480	A1 *	10/2015	Iwamoto	E02F 9/0866 180/291
2015/0361636	A1 *	12/2015	Yoshizawa	B60K 6/445 701/50

OTHER PUBLICATIONS

Images of Volvo Construction Equipment Excavator Model EC750E, disclosed to public May 2016.

* cited by examiner

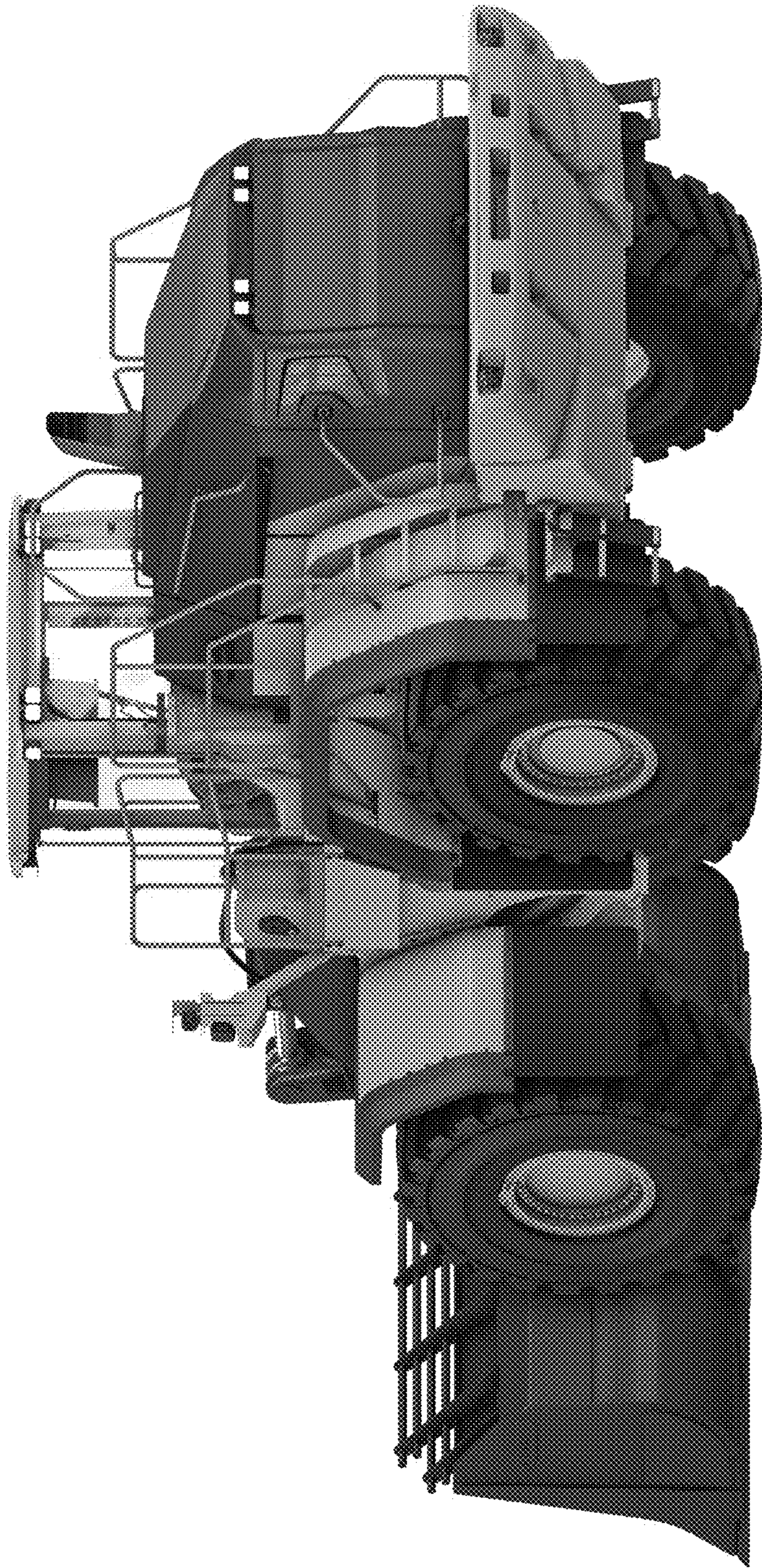


FIG. 1

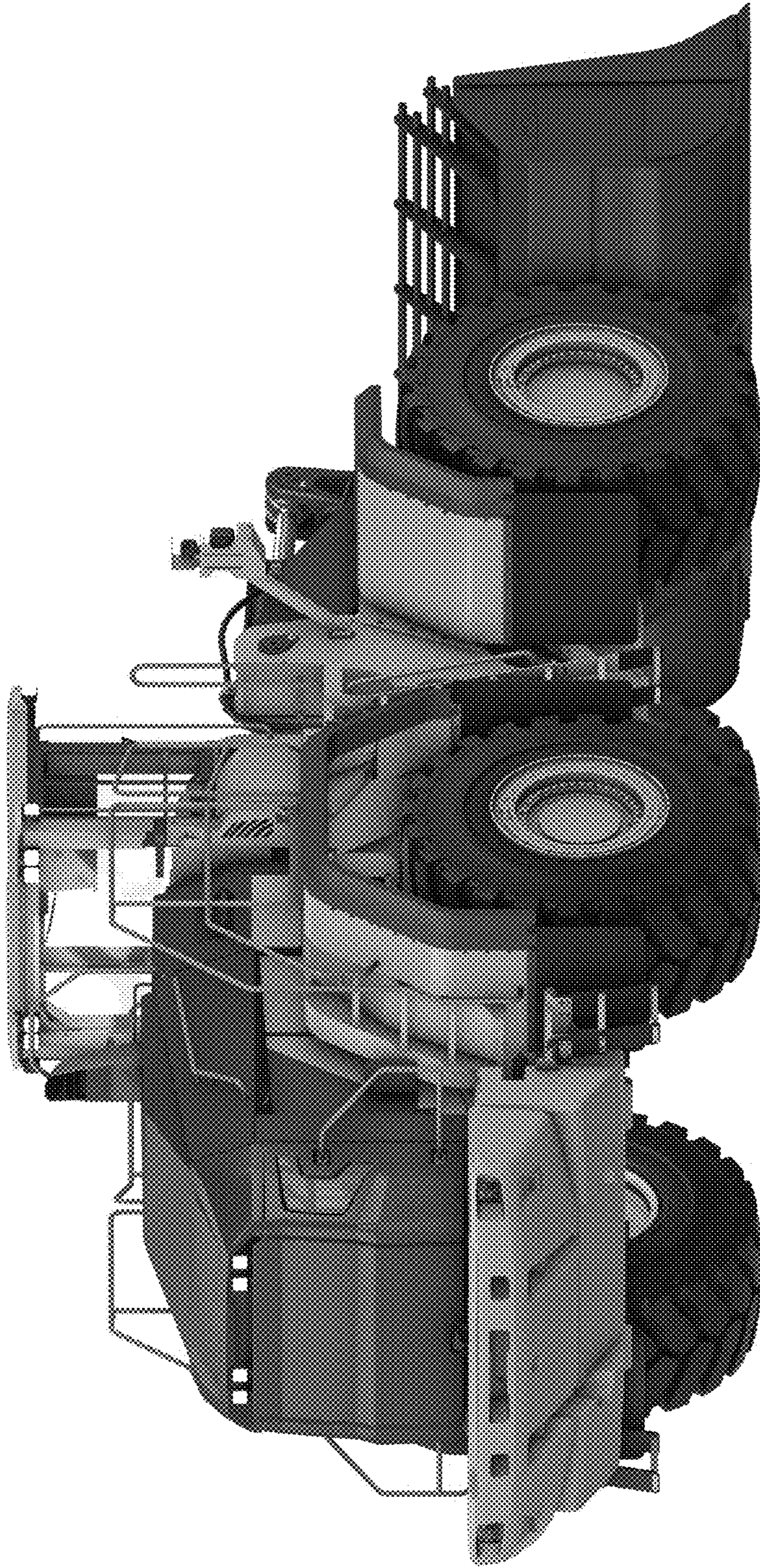


FIG. 2

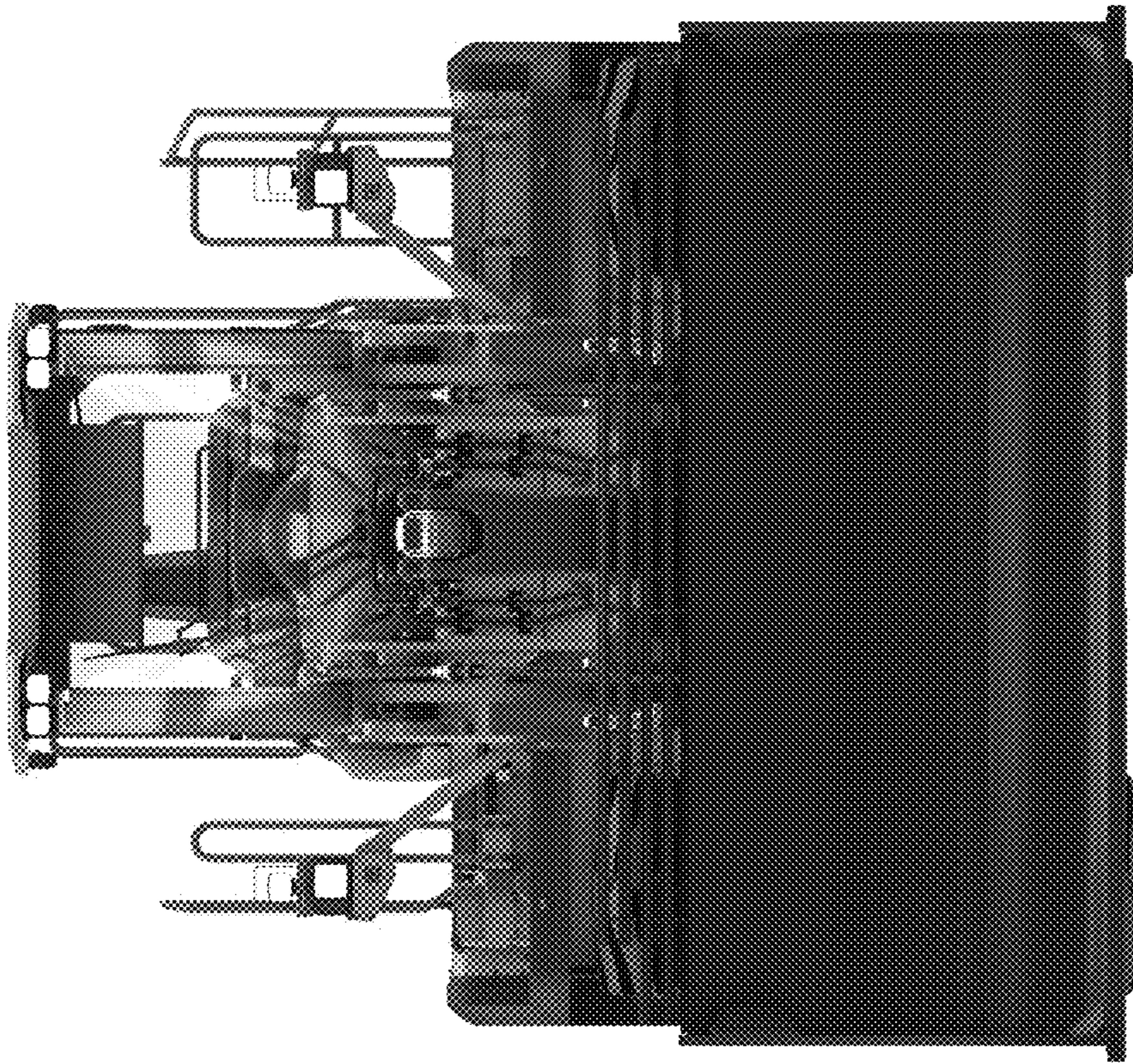


FIG. 3

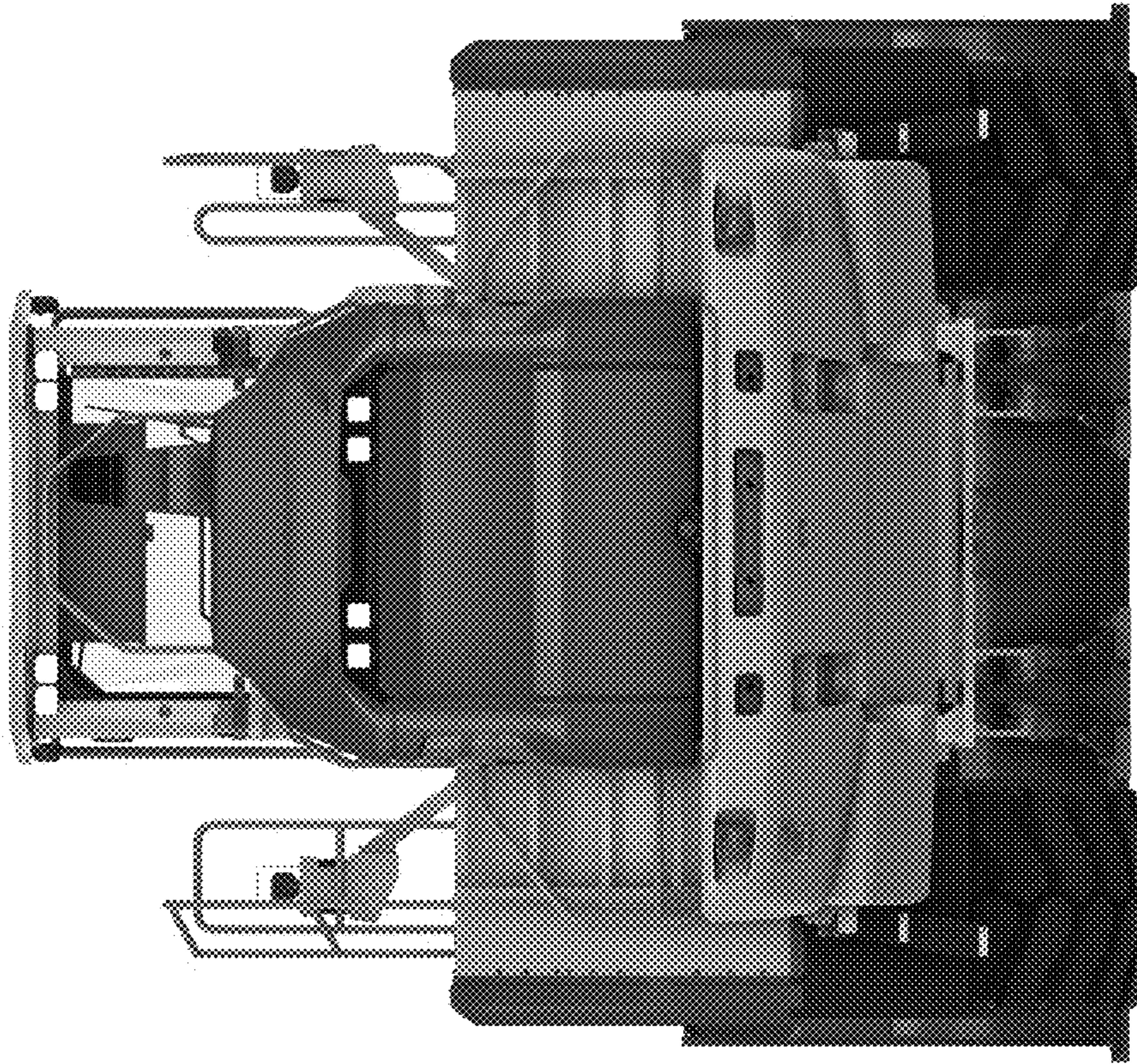


FIG. 4

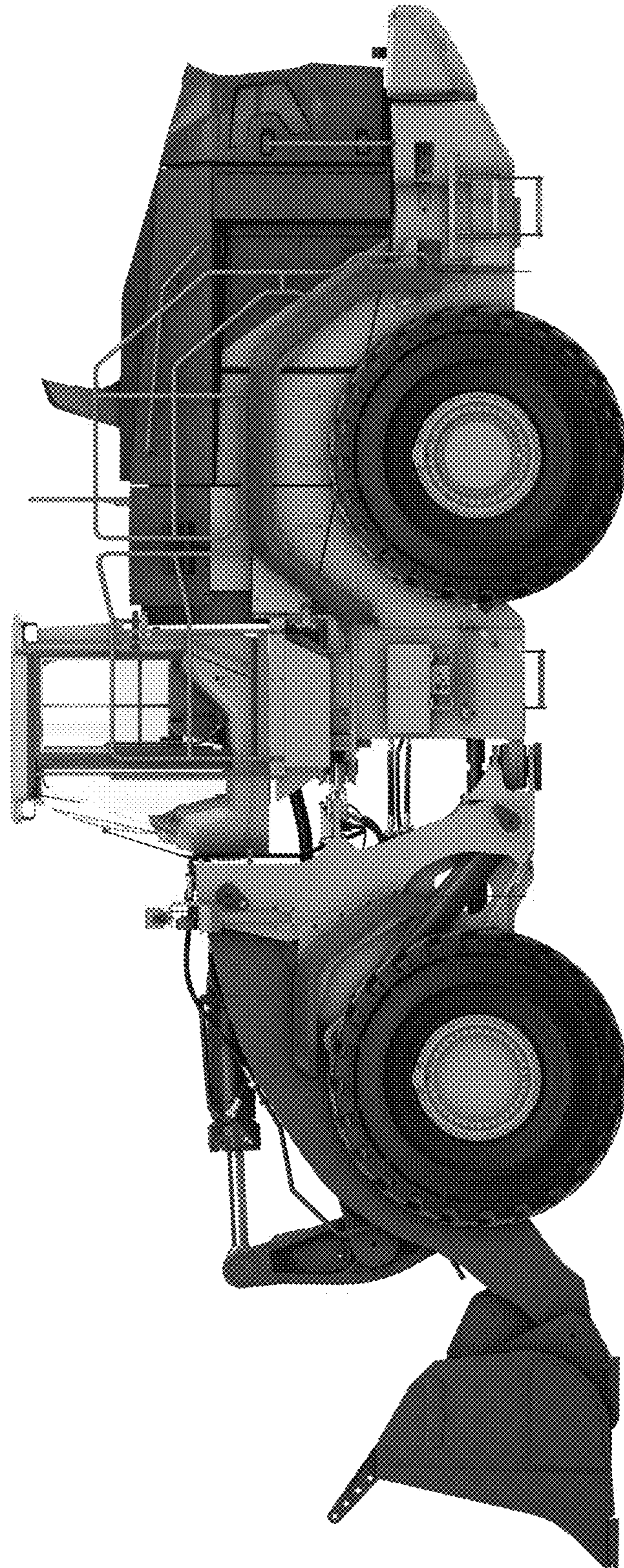


FIG. 5

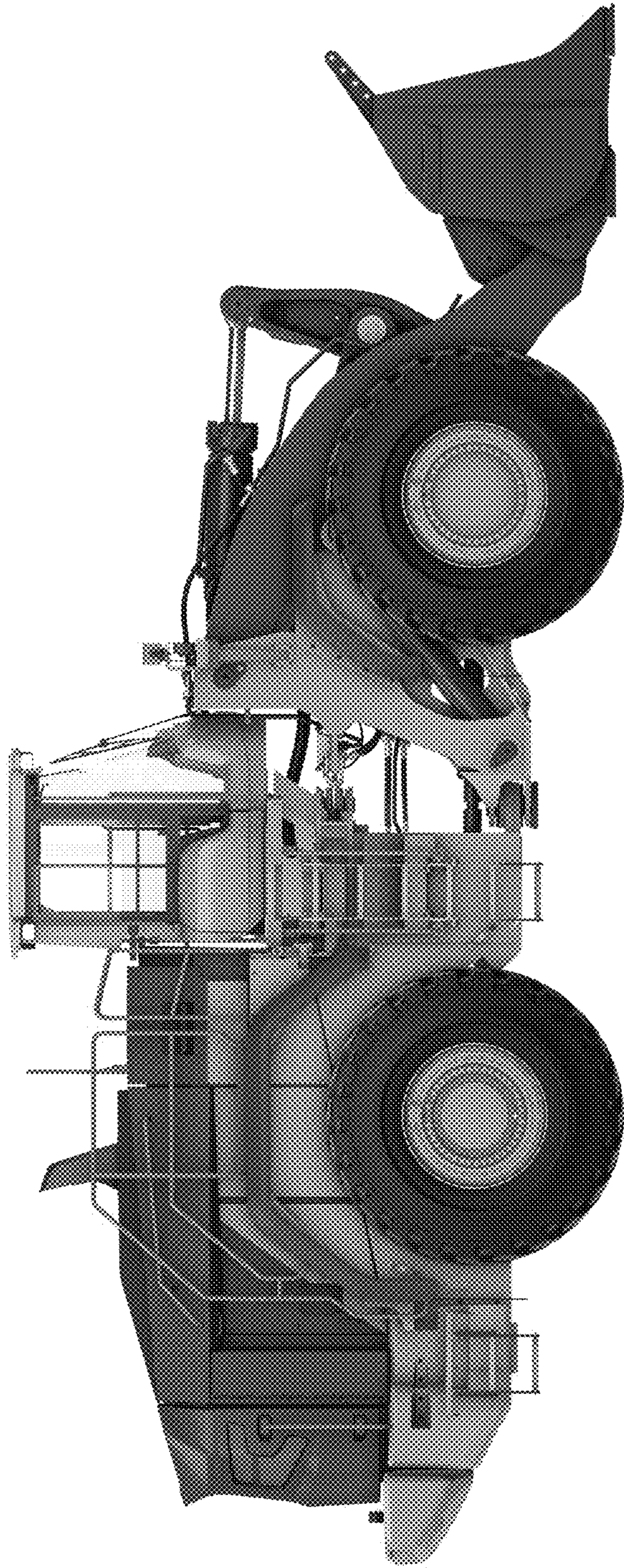


FIG. 6

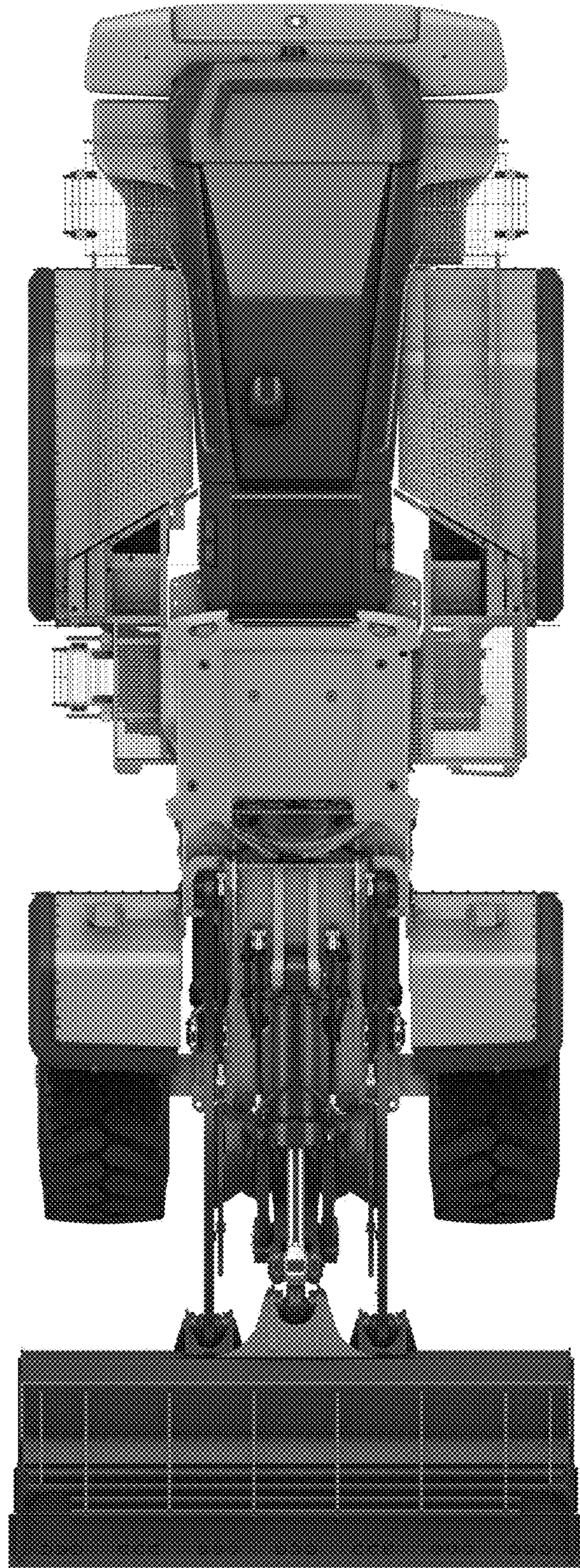


FIG. 7