



US00D827676S

(12) **United States Design Patent**
Bolinder et al.(10) **Patent No.:** **US D827,676 S**
(45) **Date of Patent:** **** Sep. 4, 2018**(54) **AUTONOMOUS DUMPER**(71) Applicant: **Volvo Construction Equipment AB**,
Eskilstuna (SE)(72) Inventors: **Fredrik Bolinder**, Hisings Backa (SE);
Joakim Unnebäck, Eskilstuna (SE)(73) Assignee: **Volvo Construction Equipment AB**,
Eskilstuna (SE)(**) Term: **15 Years**(21) Appl. No.: **29/616,729**(22) Filed: **Sep. 8, 2017**(51) LOC (11) Cl. **15-03**

(52) U.S. Cl.

USPC **D15/10; D15/21; D12/15**(58) **Field of Classification Search**USPC D15/10, 21–26, 28, 33; D12/14, 15, 98,
D12/82, 96; D21/431, 434; 37/403, 413,37/442, 443, 412; 414/24.5, 685, 688,
414/722, 724, 493, 526; 180/234, 641CPC B62D 21/186; B62D 33/02; B62D 33/00;
B60Y 2200/142; B60P 1/28; B60P 1/04;
B60P 1/286; B60P 1/16; B60G 2300/026;
B60G 2300/0262; B60G 2300/02; B60G
2300/50

See application file for complete search history.

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Images of Volvo Construction Equipment Autonomous Dumper Model HX01 Prototype, disclosed at Xploration Forum, Eskilstuna, Sweden, Sep. 12-16, 2016.

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(57) **CLAIM**

The ornamental design for an autonomous dumper, as shown and described.

DESCRIPTION

FIG. 1 is a front-left perspective view of an autonomous dumper showing our new design.

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

FIG. 3 is a front view thereof.

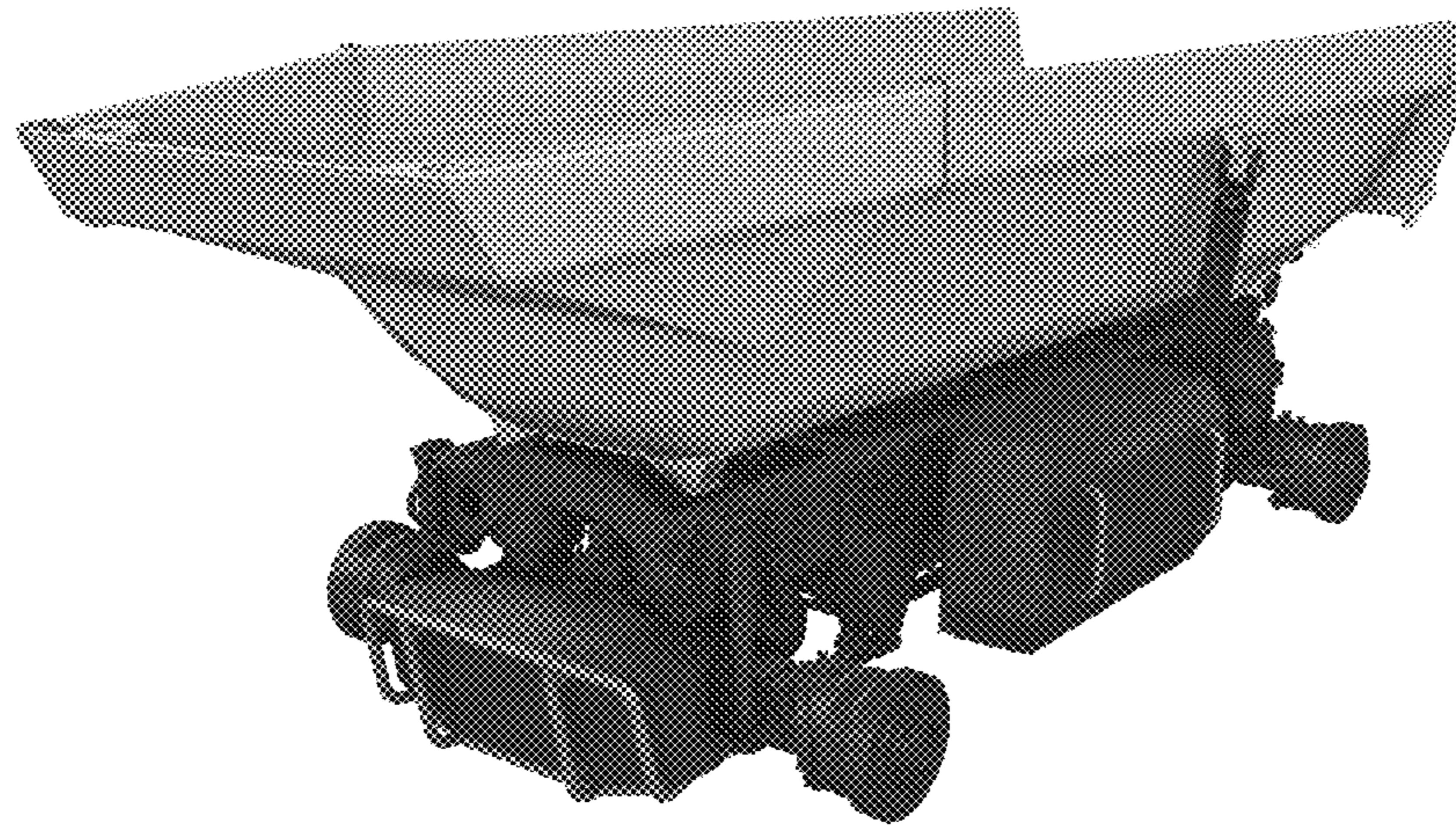
FIG. 4 is a rear view thereof.

FIG. 5 is a left side view thereof.

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

FIG. 7 is a top view thereof.

1 Claim, 5 Drawing Sheets



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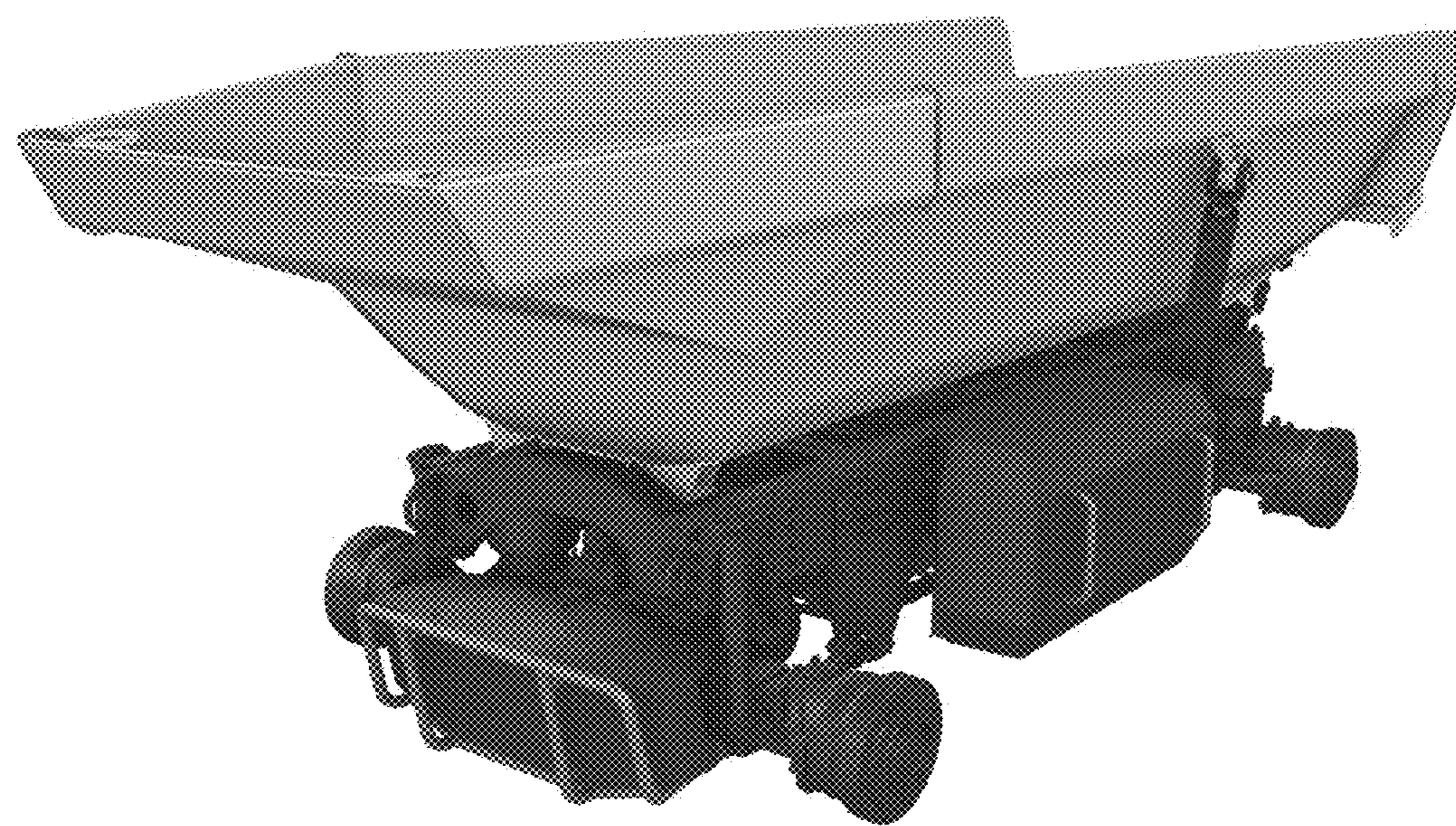


FIG. 1

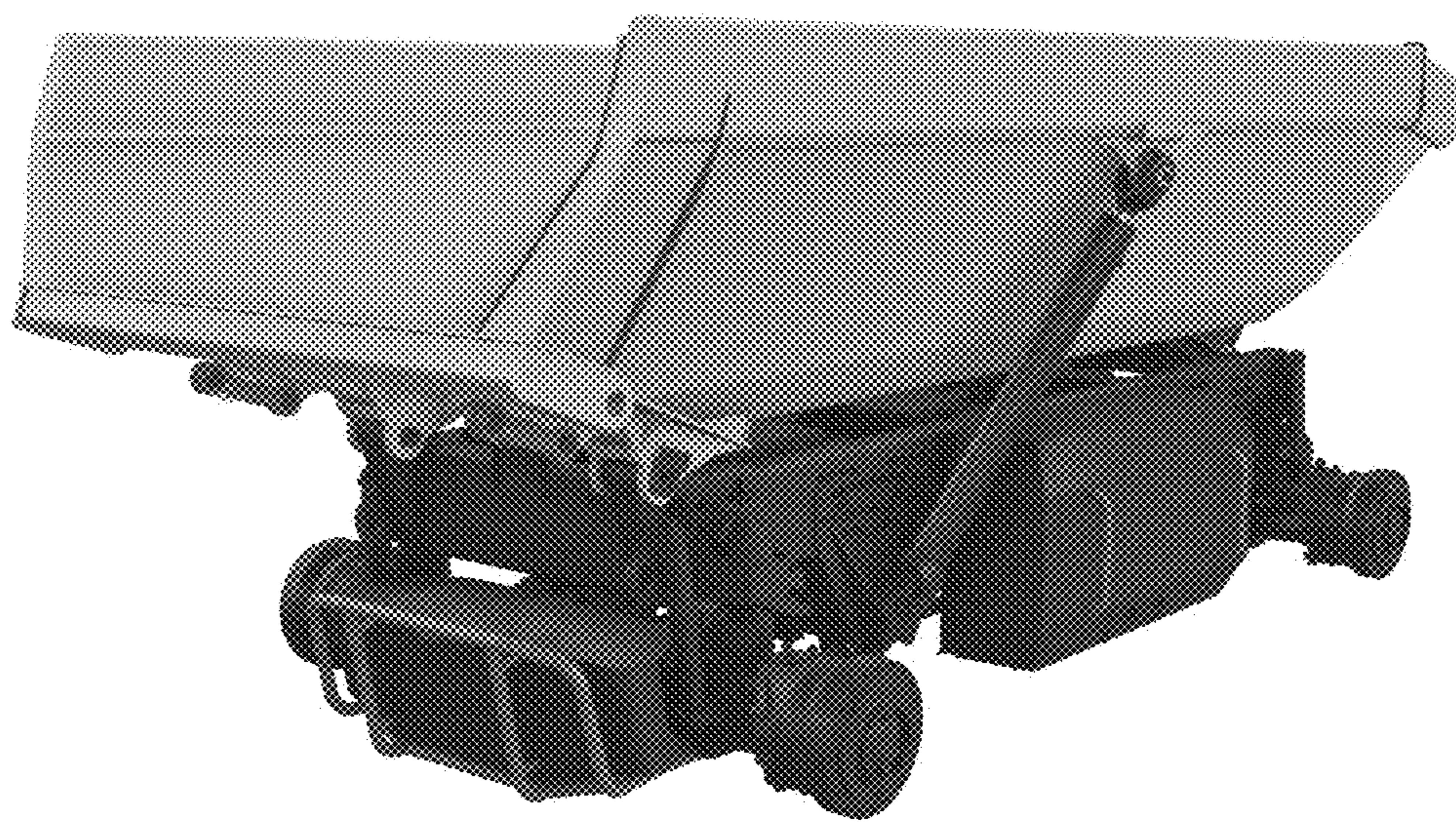


FIG. 2

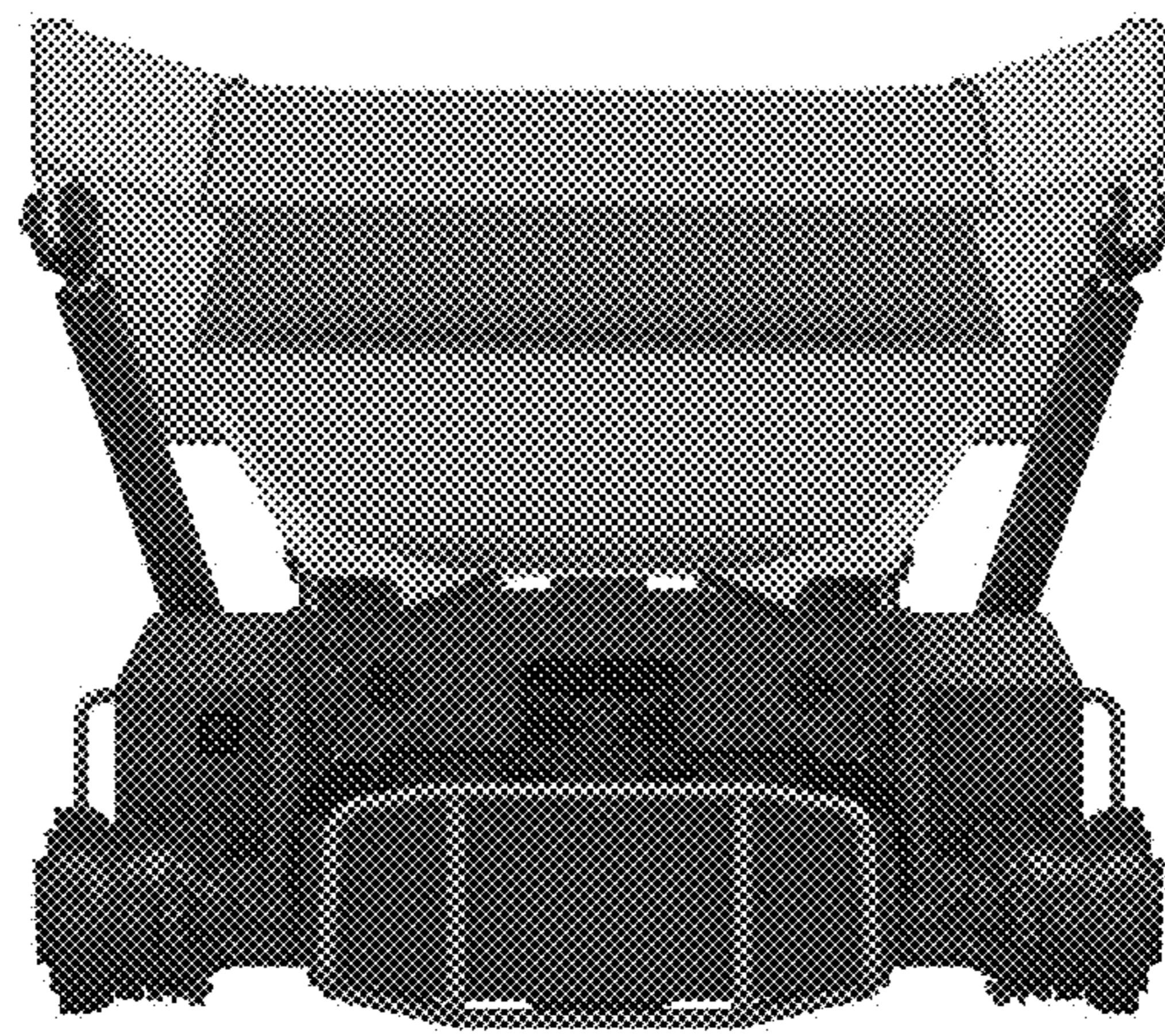


FIG. 3

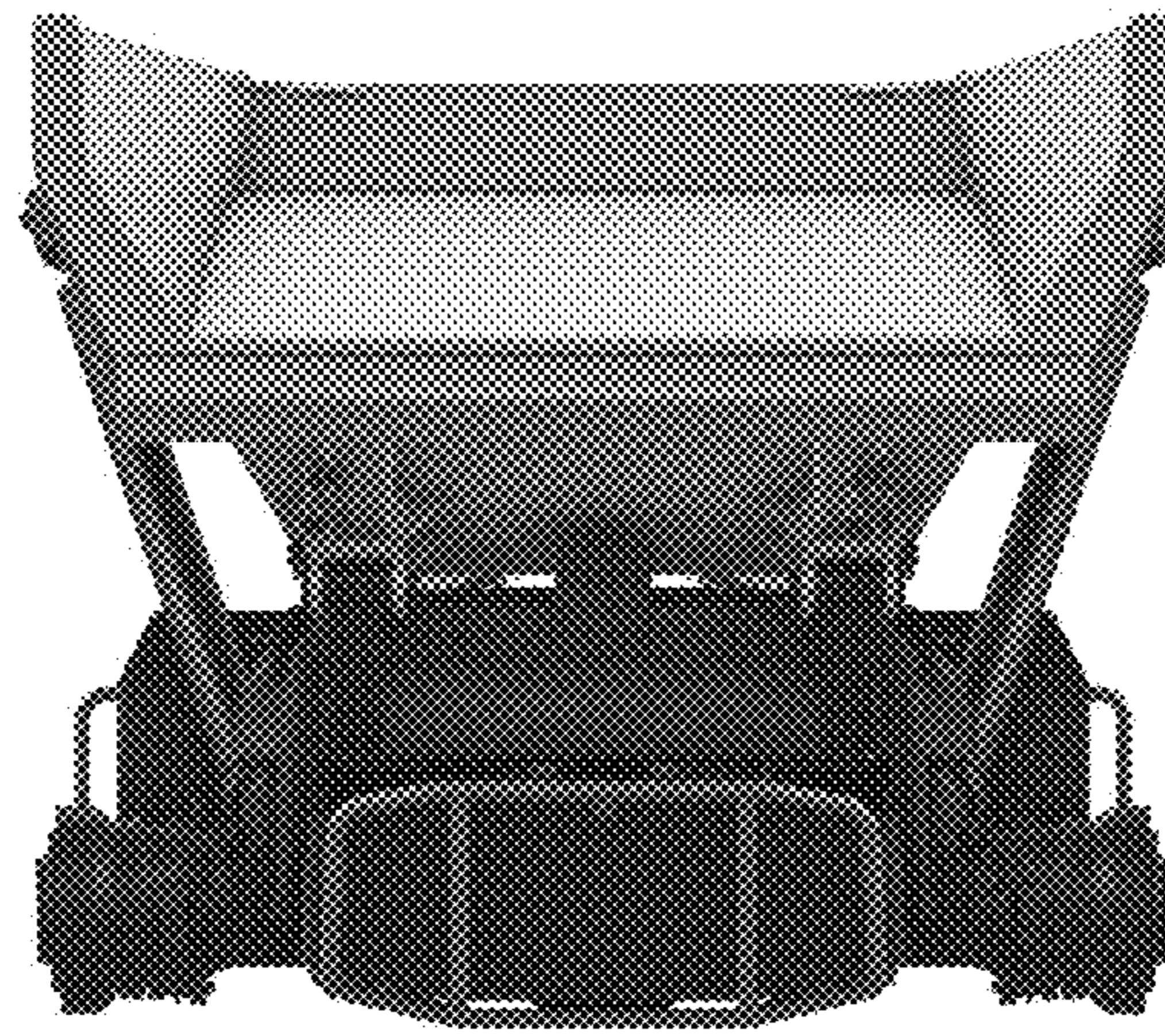


FIG. 4

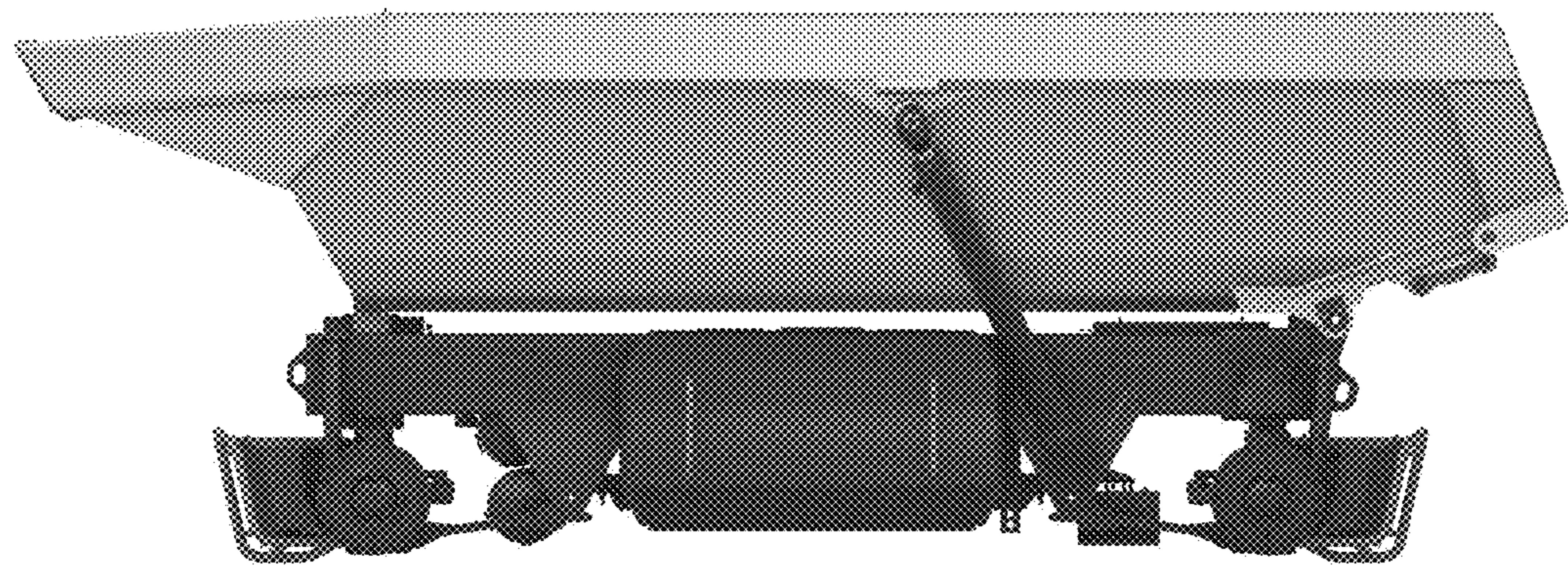


FIG. 5

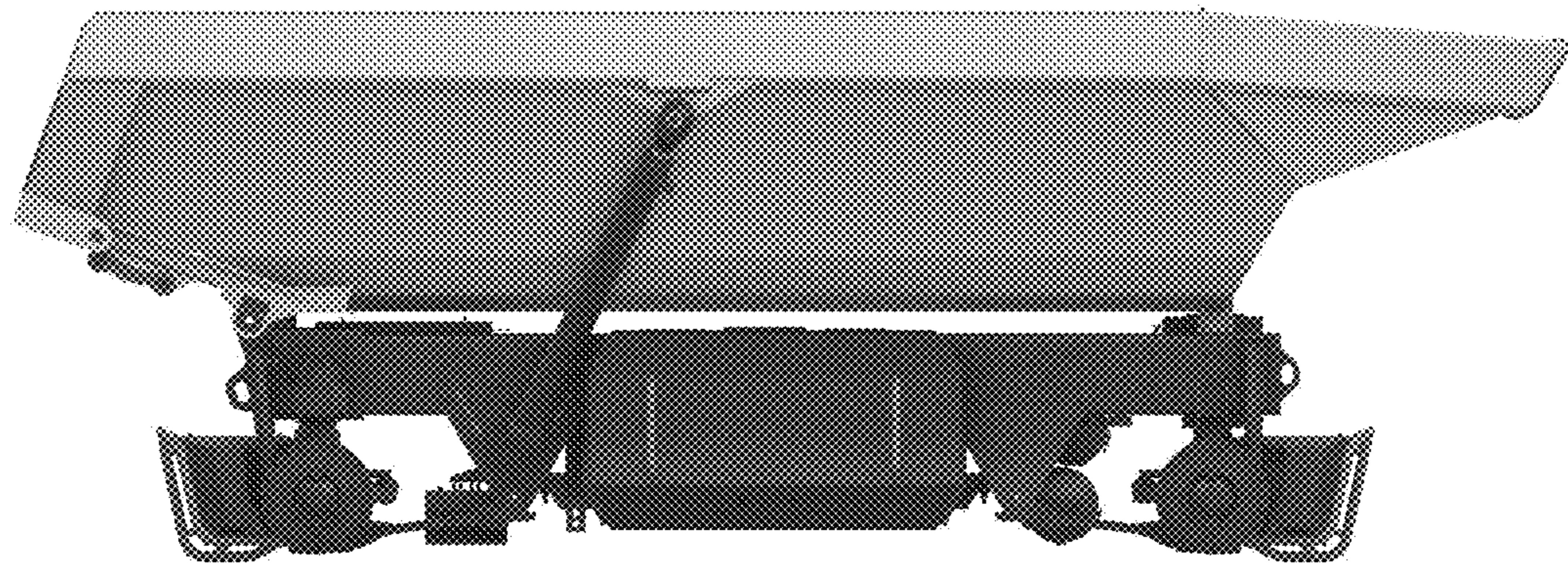


FIG. 6

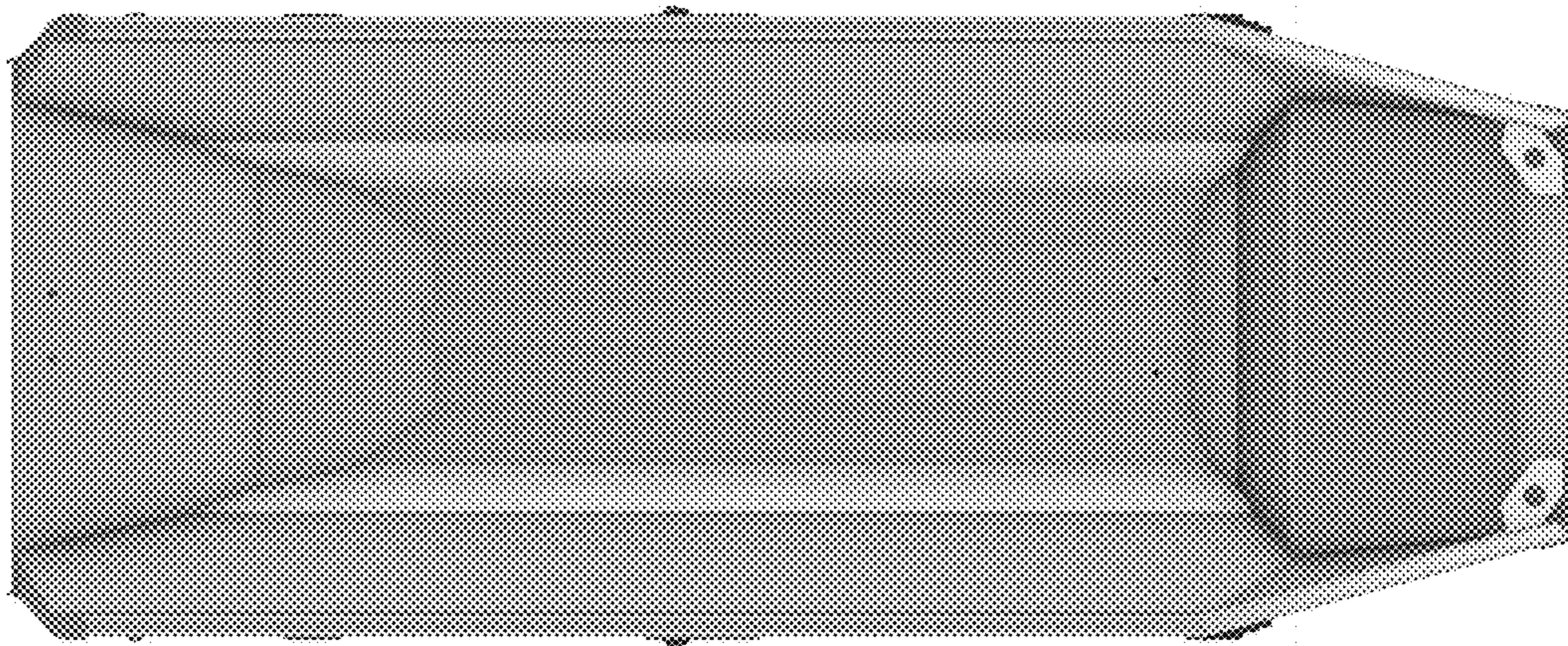


FIG. 7