



US00D594035S

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

(10) **Patent No.:** **US D594,035 S**
(45) **Date of Patent:** **** Jun. 9, 2009**

(54) **MOTOR GRADER**

(75) Inventors: **Yutaka Ono**, Komatsu (JP); **Eiji Yamazaki**, Komatsu (JP); **Hayato Kinoshita**, Tokyo (JP)

(73) Assignee: **Komatsu Ltd.**, Tokyo (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/309,862**

(22) Filed: **Oct. 29, 2008**

(51) **LOC (9) Cl.** **12-09**

(52) **U.S. Cl.** **D15/23; D15/25**

(58) **Field of Classification Search** D15/25,
D15/10-12, 19, 21-23, 28, 30-33; D21/537;
180/238, 264, 267, 420; 172/781-785, 788,
172/776, 790, 430, 611, 792, 1
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|-----------|-----|---------|-------------------|----------|
| 2,081,536 | A * | 5/1937 | Gustafson | 172/793 |
| 2,965,990 | A * | 12/1960 | Colee | 172/4.5 |
| 3,049,819 | A * | 8/1962 | Cohron et al. | 37/430 |
| 3,197,188 | A * | 7/1965 | Moore | 267/175 |
| 3,327,413 | A * | 6/1967 | Brinkmeyer et al. | 172/785 |
| 3,450,213 | A * | 6/1969 | Hanser et al. | 172/785 |
| 3,454,109 | A * | 7/1969 | Roberts | 172/781 |
| 3,527,315 | A * | 9/1970 | Hampton | 180/238 |
| 3,831,693 | A * | 8/1974 | King | 180/14.4 |
| 3,858,661 | A * | 1/1975 | Hallam et al. | 172/1 |
| D238,955 | S * | 2/1976 | Peterson | D21/537 |
| 3,976,146 | A * | 8/1976 | Desourdy | 172/788 |
| 4,213,507 | A * | 7/1980 | Horrer et al. | 172/784 |
| D275,107 | S * | 8/1984 | Crabiel et al. | D15/25 |
| 5,474,147 | A * | 12/1995 | Yesel et al. | 180/197 |

| | | | | |
|--------------|------|---------|-----------------|---------|
| 6,230,818 | B1 * | 5/2001 | Slunder | 172/789 |
| 6,854,523 | B2 * | 2/2005 | Takahashi | 172/3 |
| D548,752 | S * | 8/2007 | Merghani et al. | D15/23 |
| 2002/0060081 | A1 * | 5/2002 | Mcgugan | 172/4.5 |
| 2003/0221845 | A1 * | 12/2003 | Takahashi | 172/3 |
| 2004/0149463 | A1 * | 8/2004 | Maeda et al. | 172/297 |
| 2005/0252669 | A1 * | 11/2005 | LaReau et al. | 172/776 |
| 2008/0110650 | A1 * | 5/2008 | Martin et al. | 172/667 |
| 2008/0110651 | A1 * | 5/2008 | Stubben et al. | 172/781 |
| 2008/0138154 | A1 * | 6/2008 | Horstman et al. | 404/101 |
| 2008/0173456 | A1 * | 7/2008 | Davis | 172/26 |
| 2009/0043459 | A1 * | 2/2009 | Harber et al. | 701/50 |

* cited by examiner

Primary Examiner—Stella M Reid

Assistant Examiner—Mark A Goodwin

(74) *Attorney, Agent, or Firm*—Manabu Kanesaka

(57) **CLAIM**

The ornamental design for a motor grader, as shown and described.

DESCRIPTION

FIG. 1 is a top left front perspective view of a motor grader showing our new design;

FIG. 2 is a top right front perspective view thereof;

FIG. 3 is a top left rear perspective view thereof;

FIG. 4 is a top right rear perspective view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

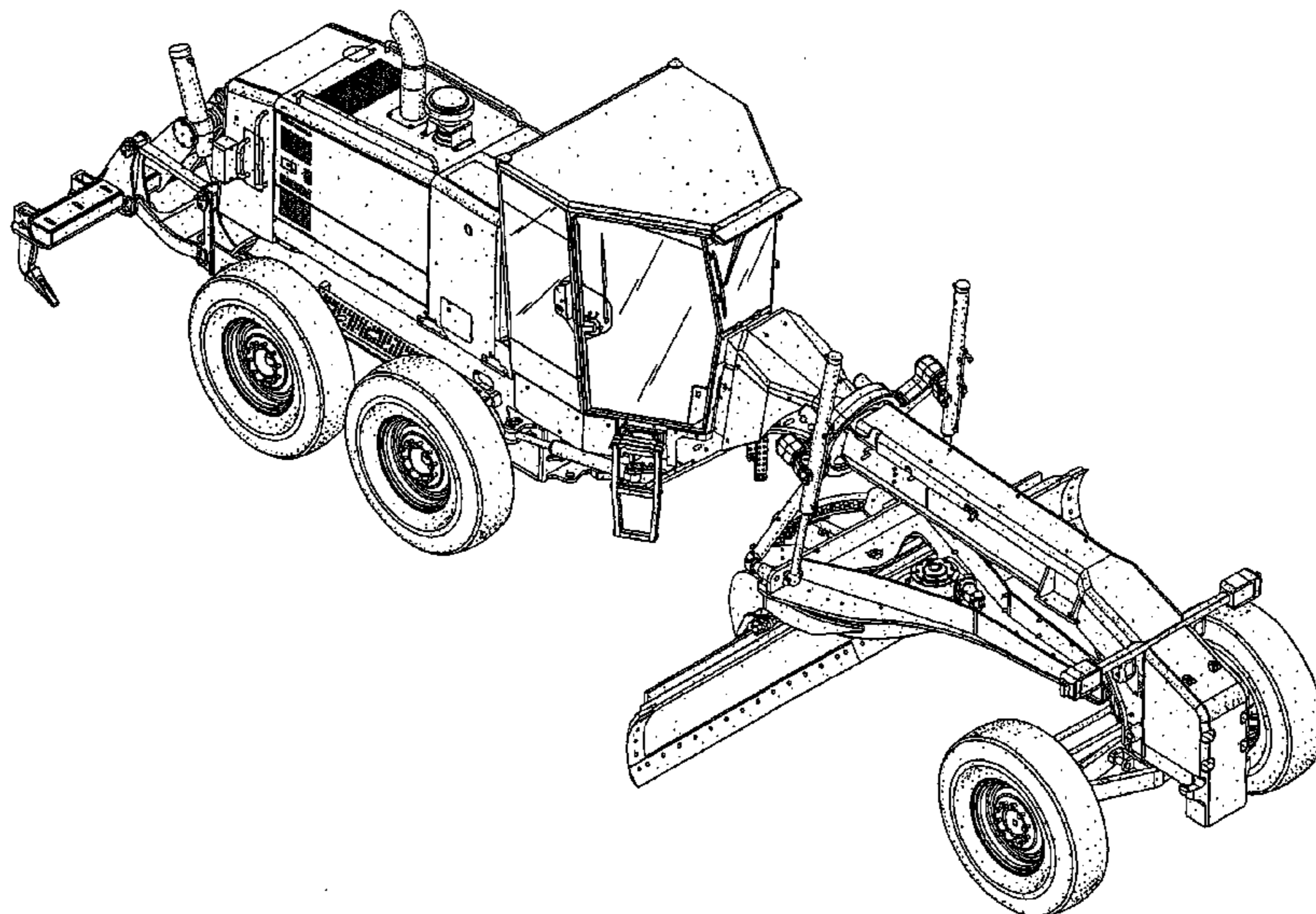
FIG. 7 is a top plan view thereof view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a rear view thereof; and,

FIG. 10 is a front view thereof.

1 Claim, 10 Drawing Sheets



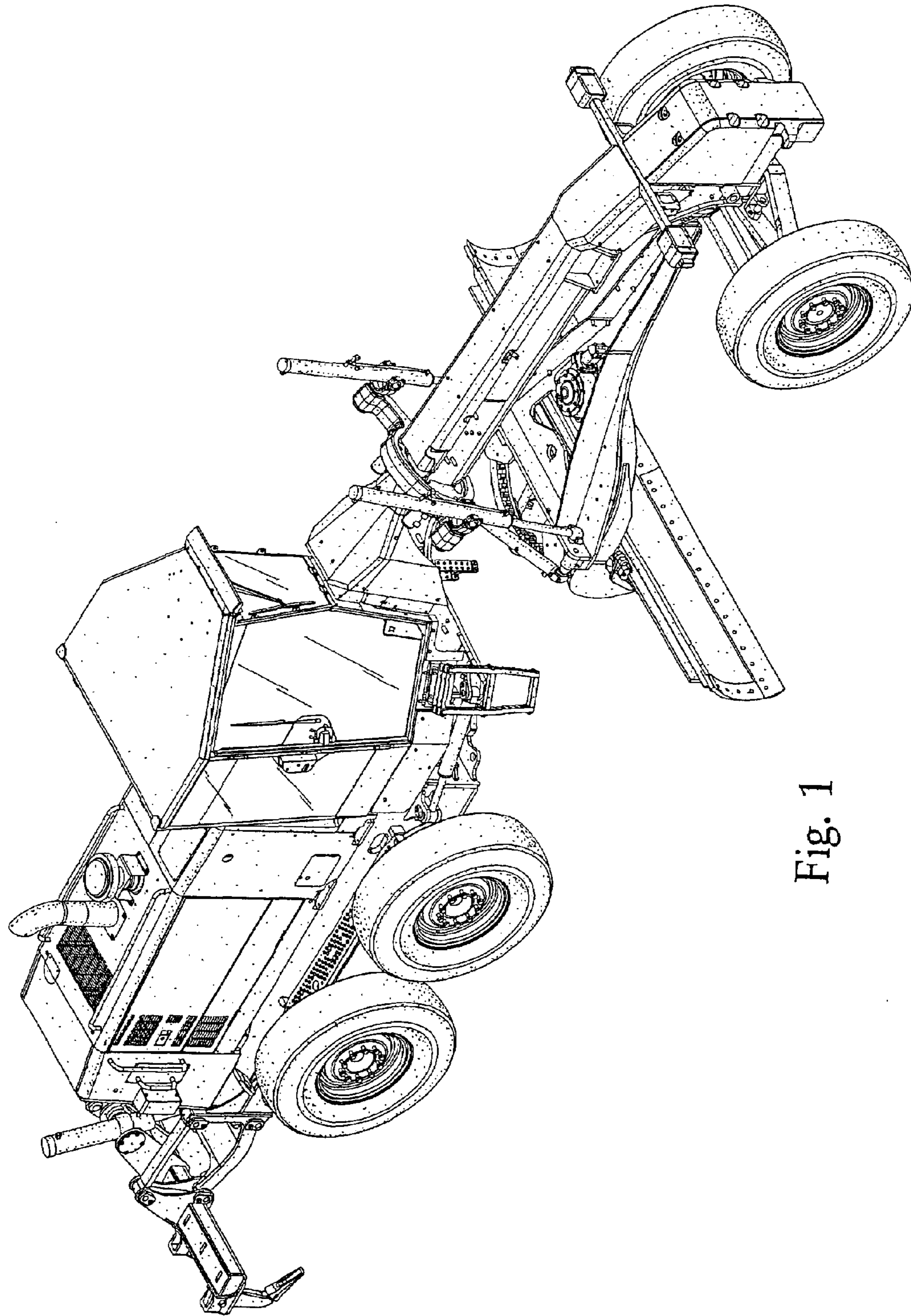


Fig. 1

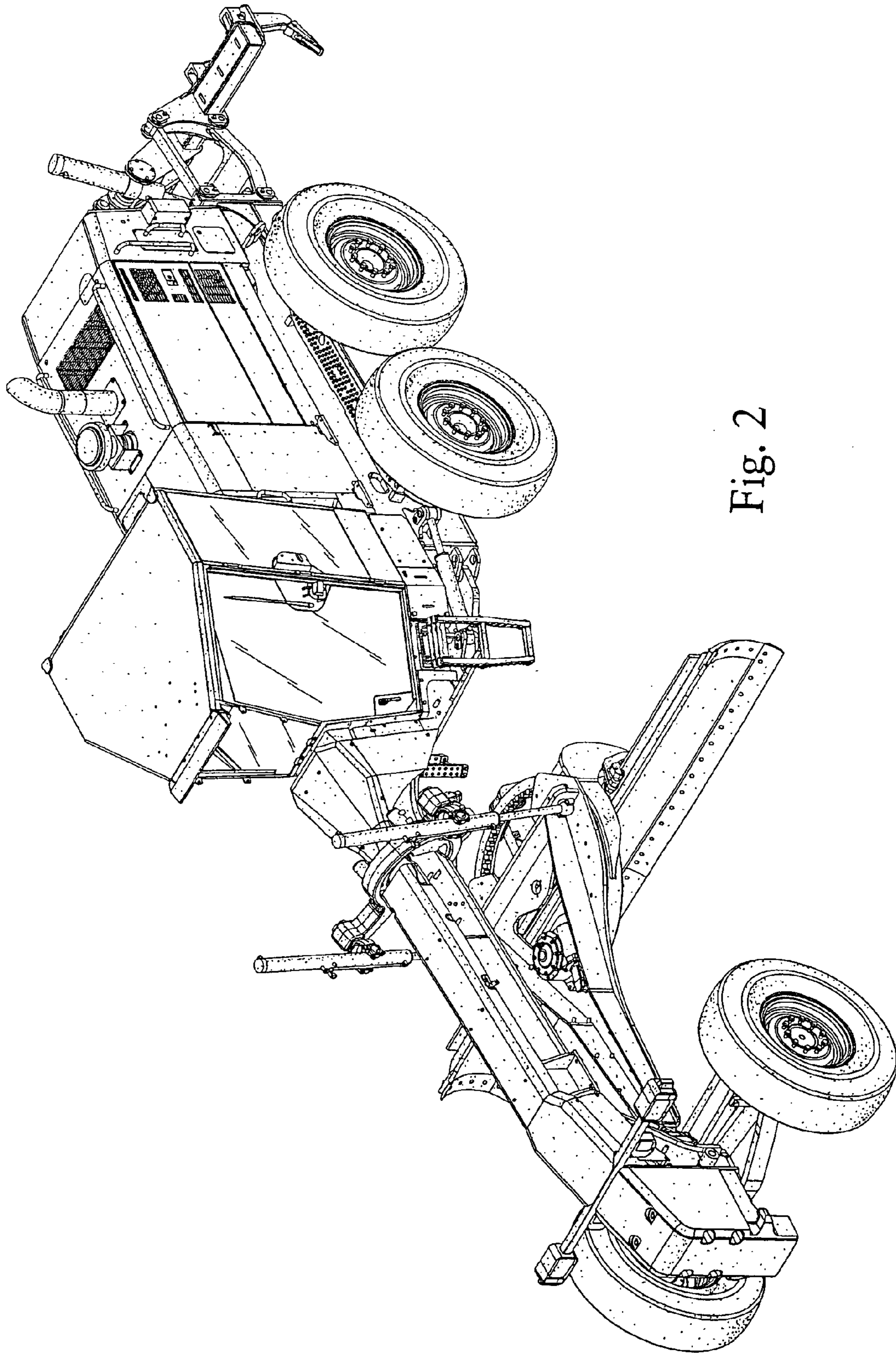


Fig. 2

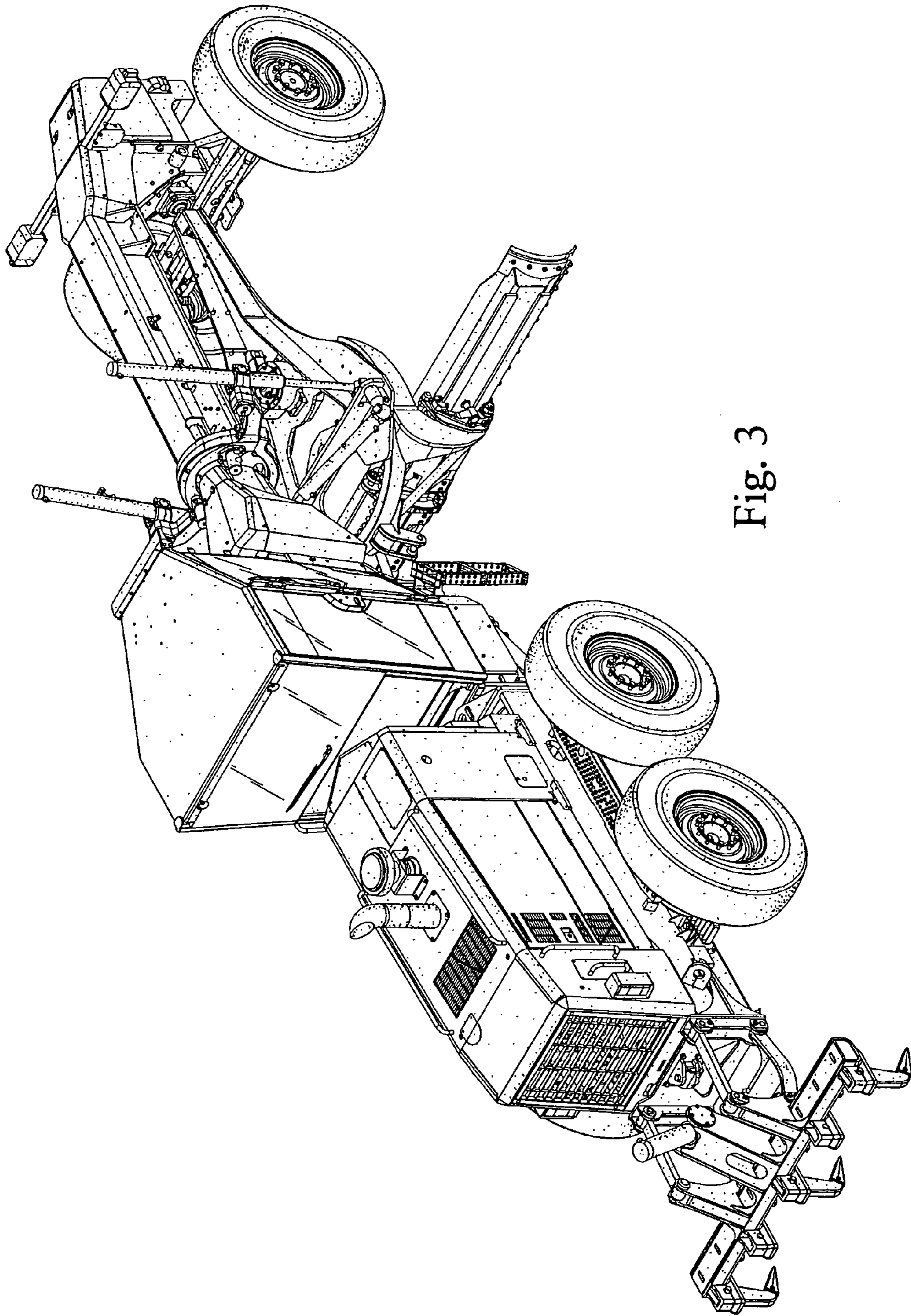


Fig. 3

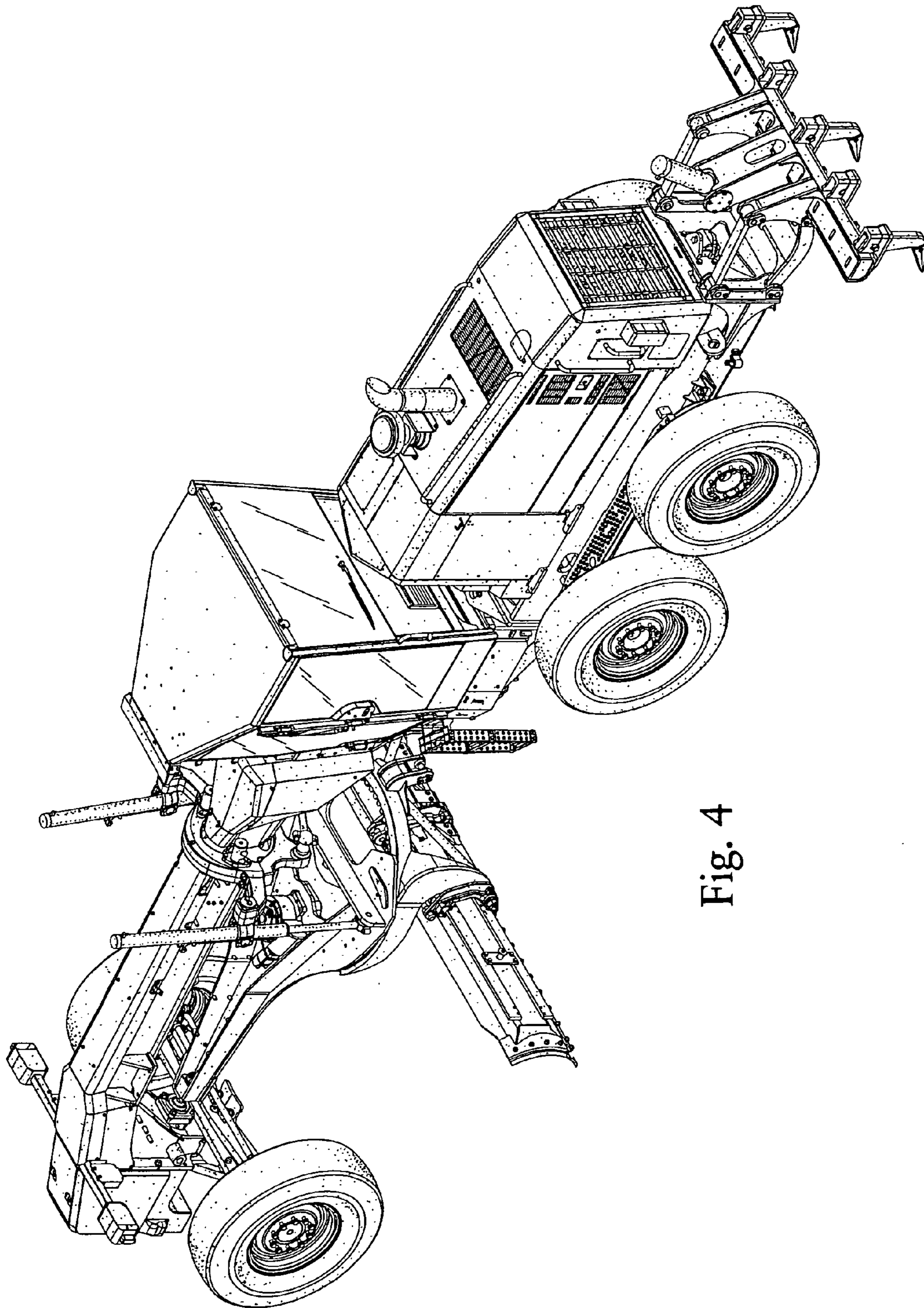


Fig. 4

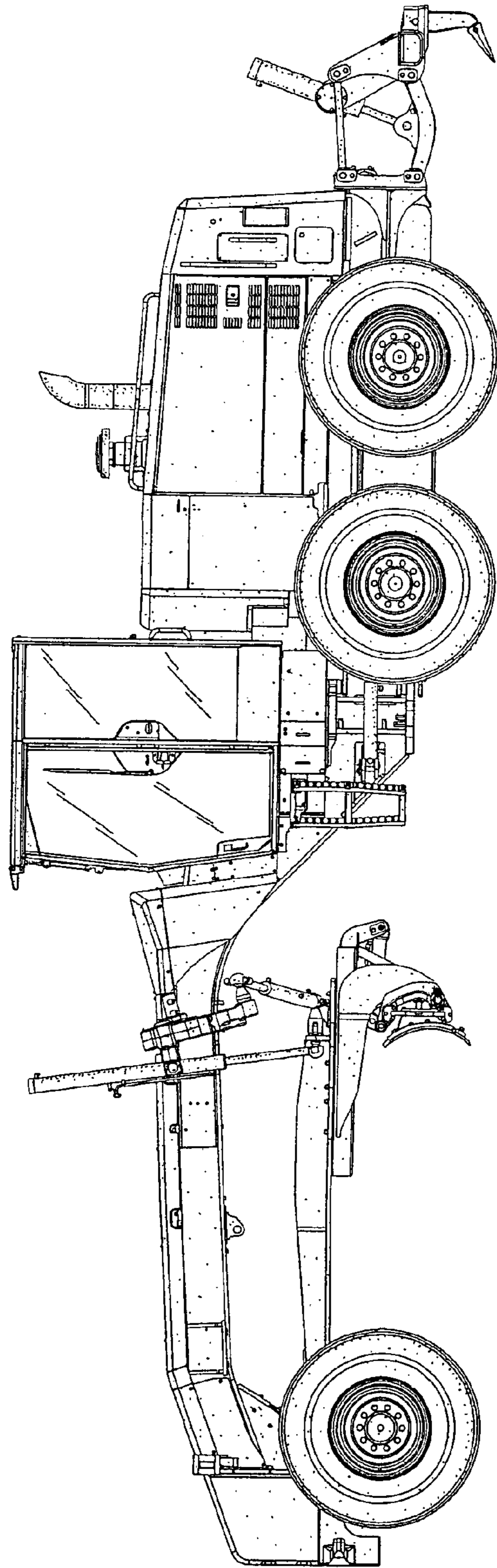


Fig. 5

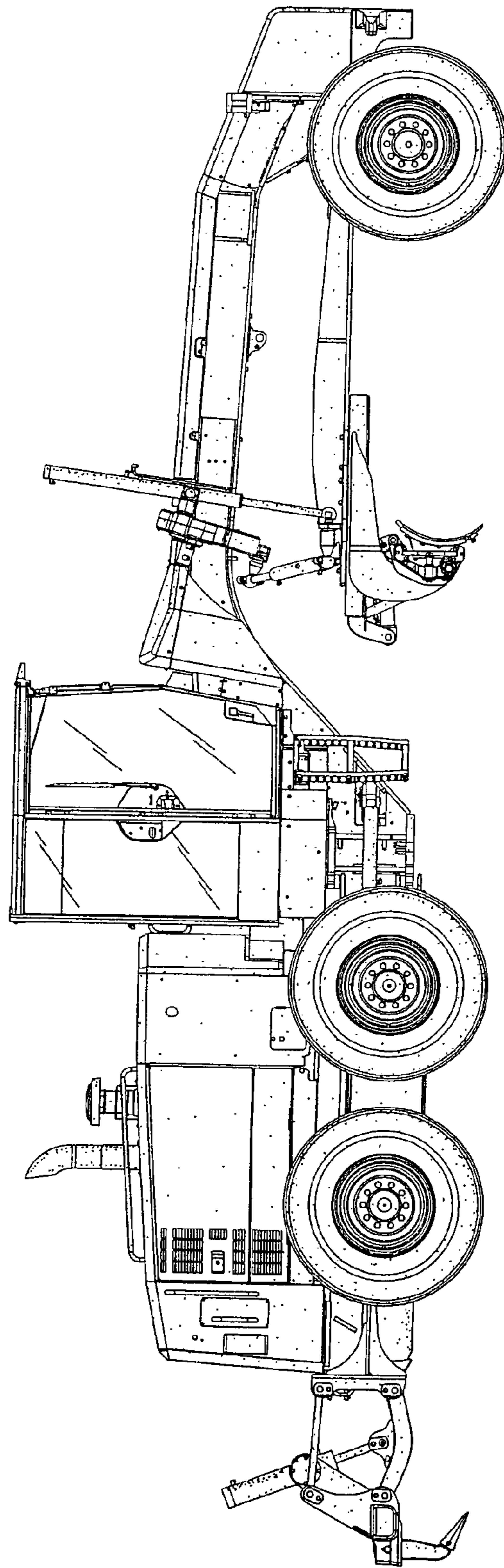


Fig. 6

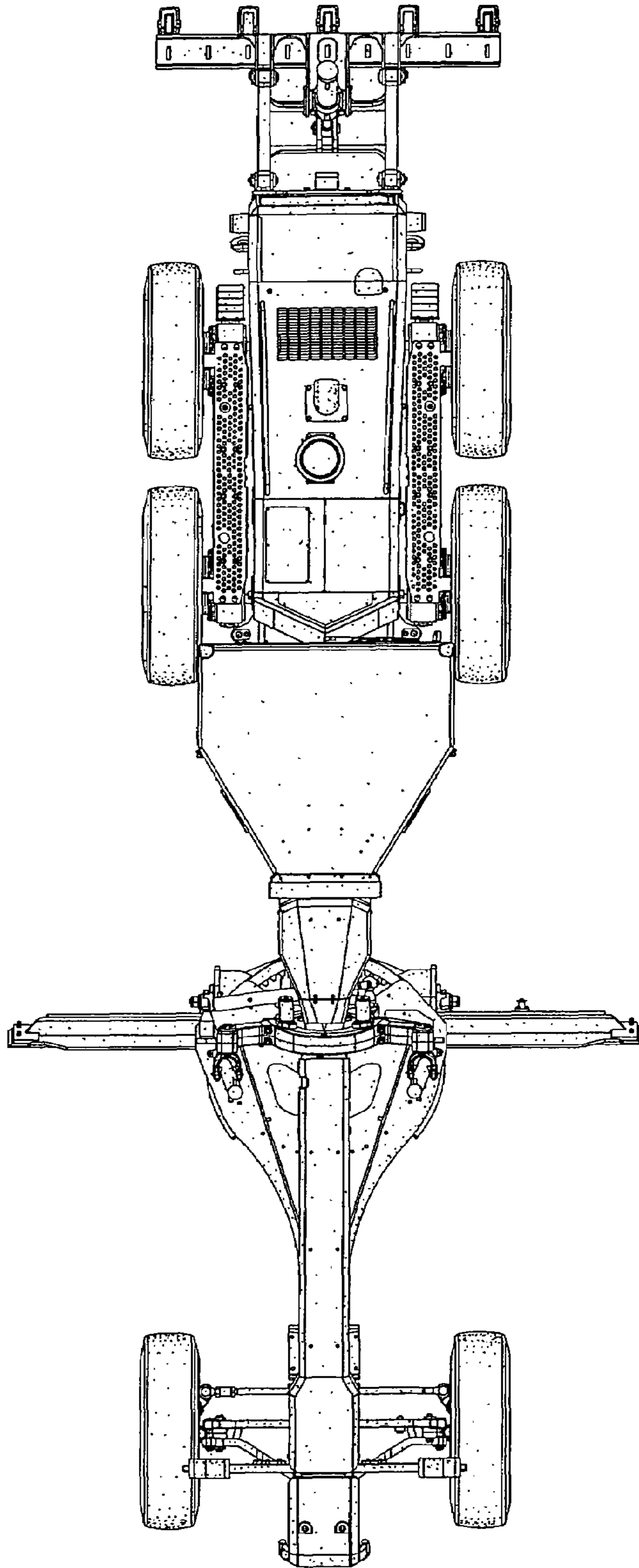


Fig. 7

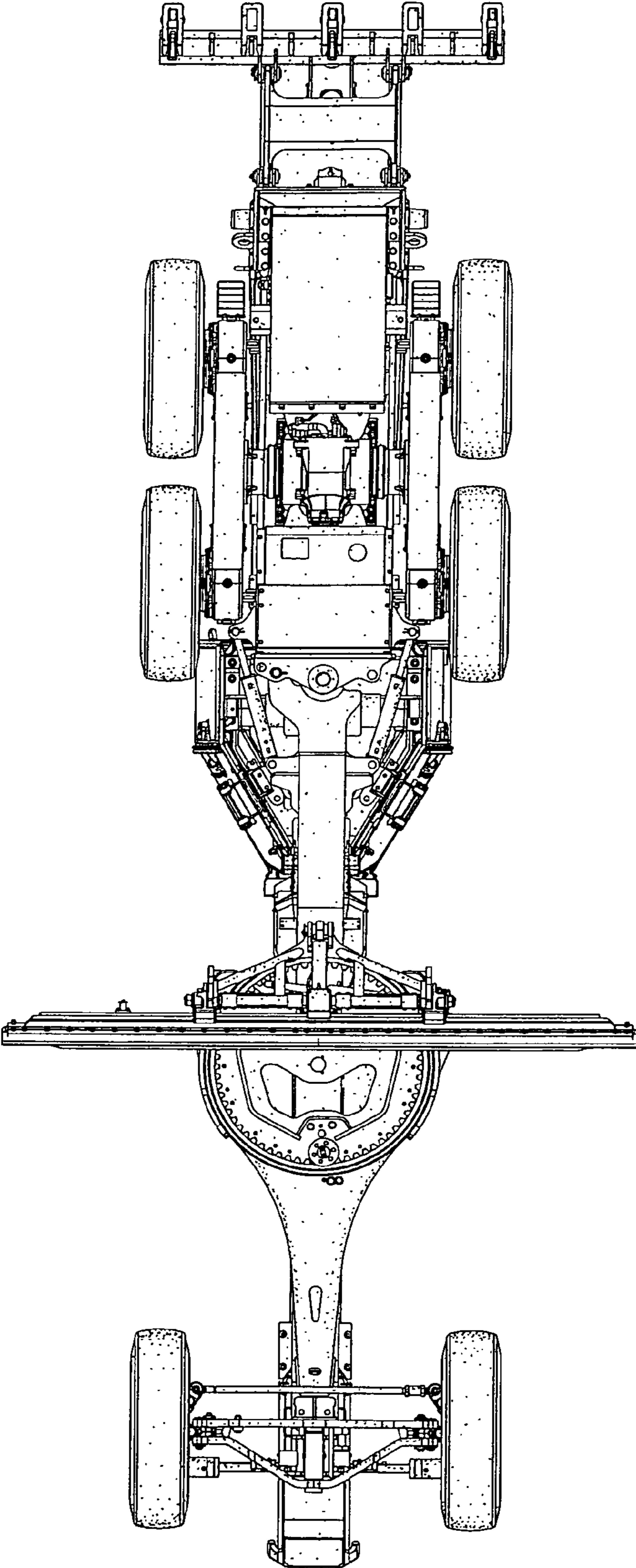


Fig. 8

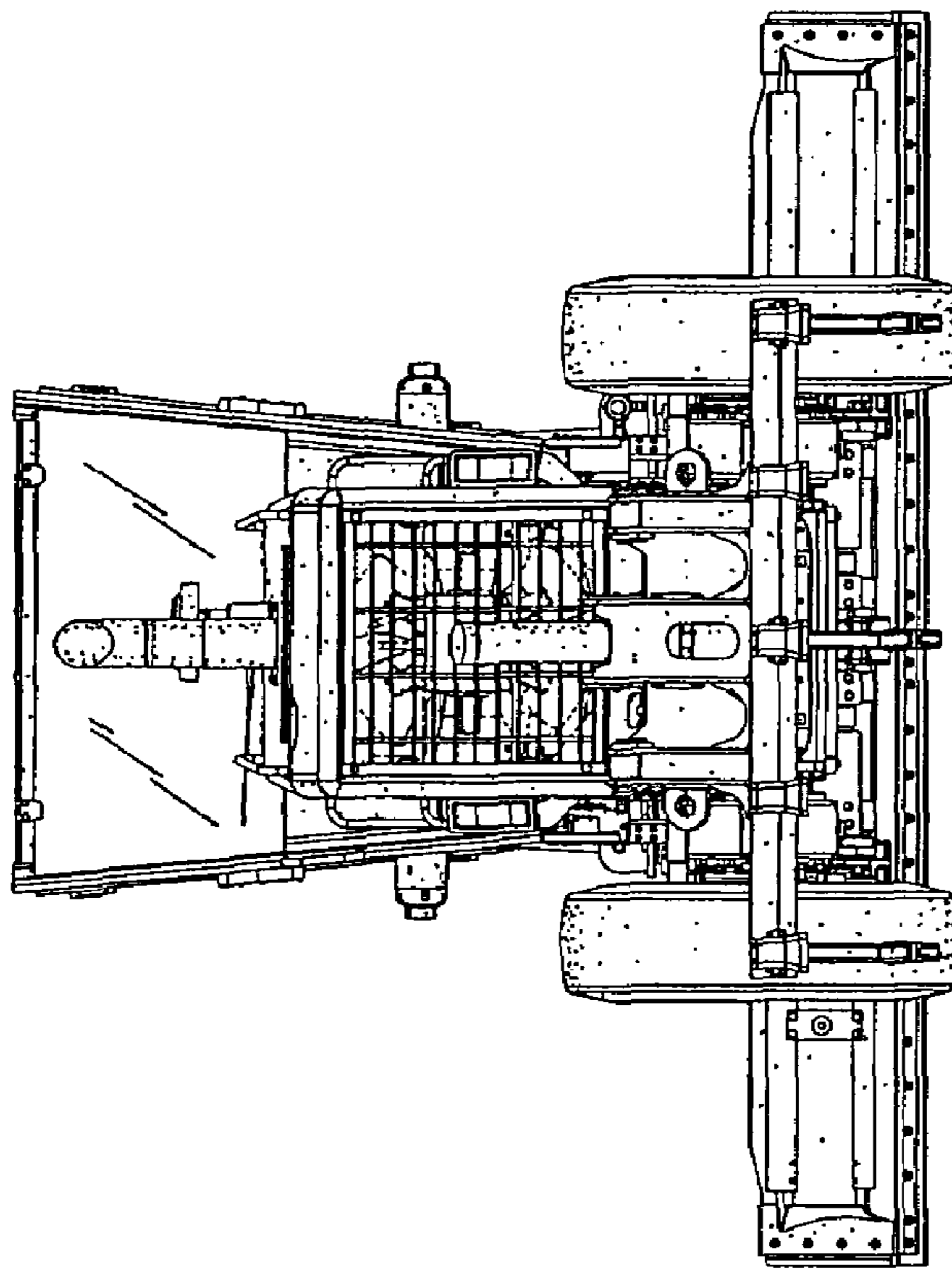


Fig. 9

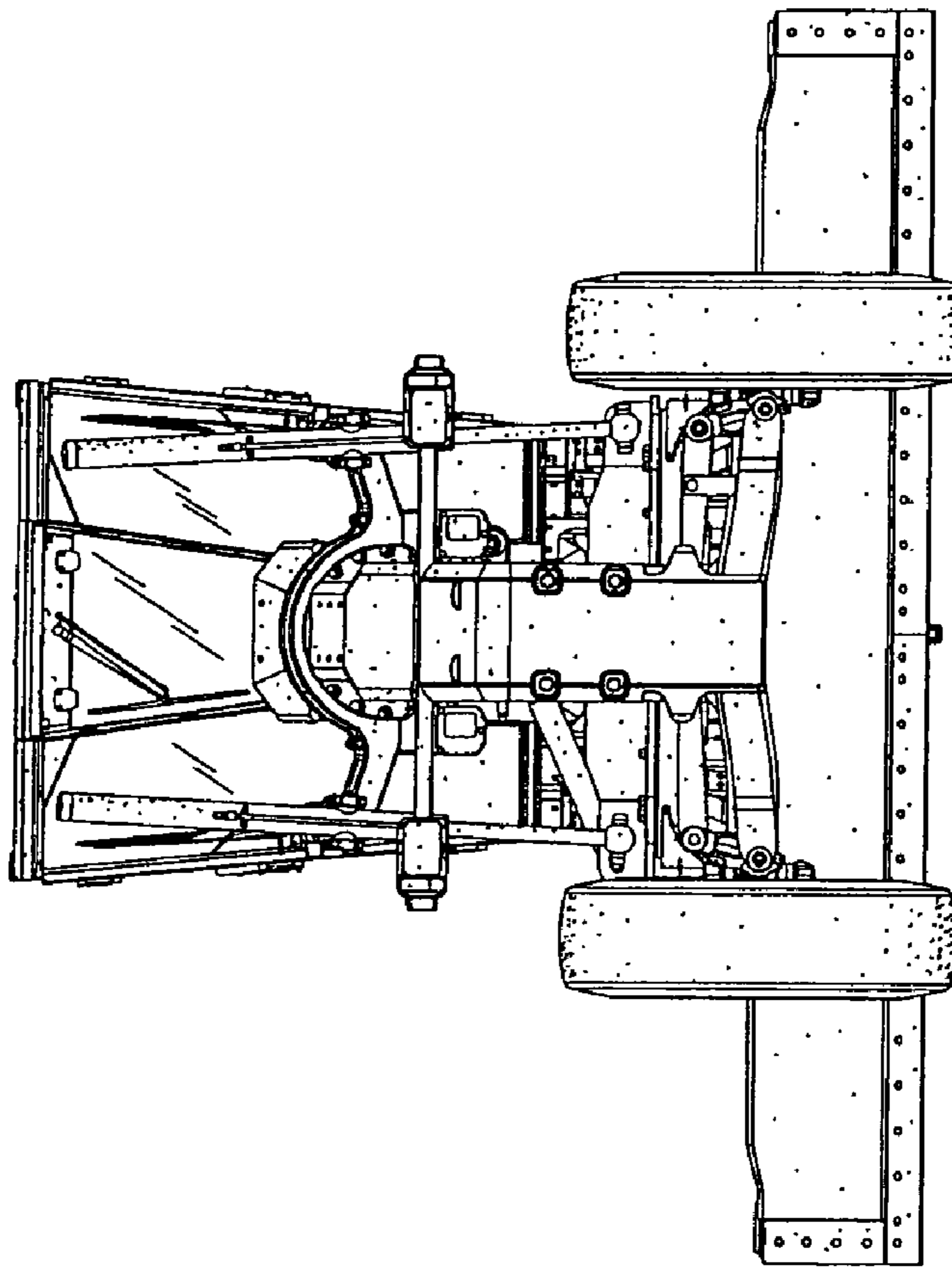


Fig. 10