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Cockrell et al.

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(54) VEHICLE COMPONENT

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- (**) Term: 15 Years
- (21) Appl. No.: 29/844,555
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Related U.S. Application Data

- (63) Continuation of application No. 29/844,409, filed on Jun. 28, 2022.
- (51) LOC (14) Cl. 12-16
- (52) U.S. Cl. USPC D12/181
- (58) Field of Classification Search USPC D12/15, 86, 91, 92, 93, 96, 181, 190, D12/196, 400 CPC B62D 25/02; B62D 25/04; B62D 25/08; B62D 25/081; B62D 25/10; B62D 35/00; B62D 35/001; B62D 35/005; B62D 35/008; B60R 9/05; B60R 13/02; B60R 13/04; B60J 1/00; B60J 5/00; B60J 7/22 See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

- D343,819 S * 2/1994 Meryman D12/181
- D384,317 S * 9/1997 Jahnke D12/181
- (Continued)

OTHER PUBLICATIONS

The Fully Integrated Electric Refuse Collection Vehicle, Oshkosh Webpage [online], [Site Visit Sep. 11, 2023], URL: <https://www.oshkoshcorp.com/brands-innovations/electric-vehicles> (Year: 2023).* (Continued)

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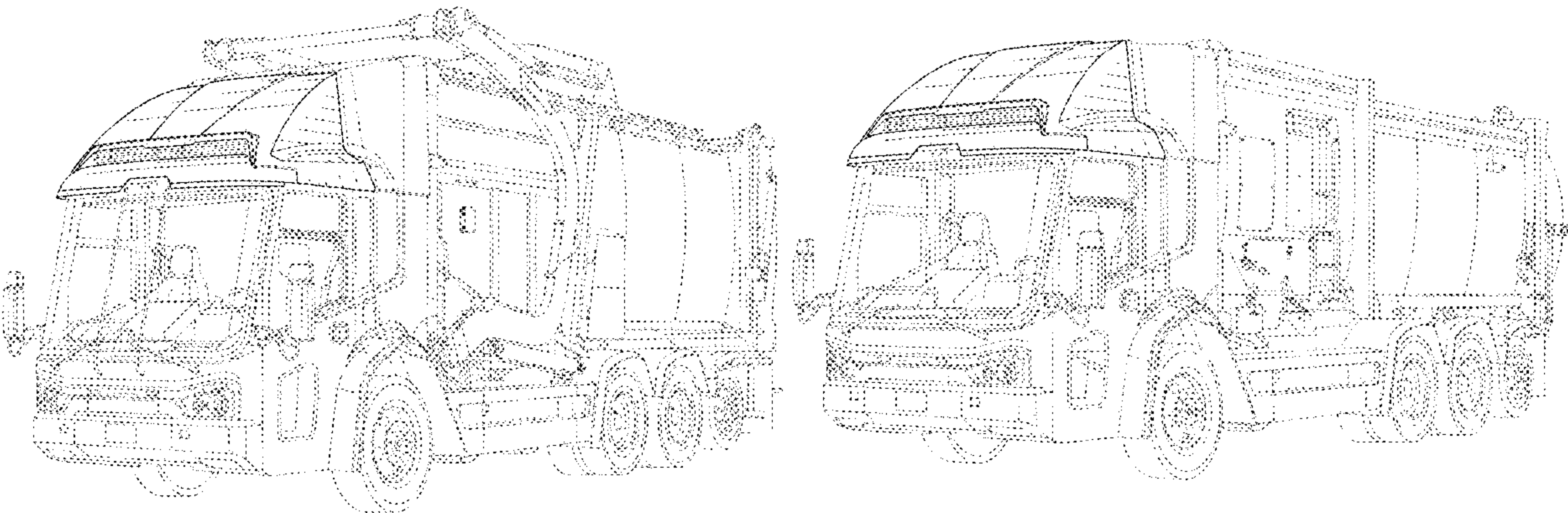
(57) CLAIM

We claim the ornamental design for a vehicle component, as shown and described.

DESCRIPTION

FIG. 1 is a front, left perspective view of the claimed design, according to a first embodiment;
FIG. 2 is a rear, right perspective of FIG. 1;
FIG. 3 is a front view of FIG. 1;
FIG. 4 is a rear view of FIG. 1;
FIG. 5 is a left side view of FIG. 1;
FIG. 6 is a right side view of FIG. 1;
FIG. 7 is a top view of FIG. 1;
FIG. 8 is a bottom view of FIG. 1;
FIG. 9 is a front, left perspective view of the claimed design, according to a second embodiment;
FIG. 10 is a rear, right perspective of FIG. 9;
FIG. 11 is a front view of FIG. 9;
FIG. 12 is a rear view of FIG. 9;
FIG. 13 is a left side view of FIG. 9;
FIG. 14 is a right side view of FIG. 9;
FIG. 15 is a top view of FIG. 9; and,
FIG. 16 is a bottom view of FIG. 9.
The ornamental design that is claimed is shown in solid lines in the figures. Broken lines formed by equal or substantially equal length dashes show unclaimed portions of the design and form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D416,221 S 11/1999 Sutton et al.
D424,489 S * 5/2000 Damon D12/181
D425,450 S * 5/2000 Barraclough D12/96
D425,826 S 5/2000 Hellhake et al.
D436,894 S * 1/2001 Barraclough D12/96
D460,023 S 7/2002 Beigel
D465,749 S 11/2002 Beigel
D518,426 S * 4/2006 Beigel D12/181
D522,944 S 6/2006 Beigel et al.
D612,778 S 3/2010 Beigel et al.
D618,604 S 6/2010 Beigel et al.
D619,049 S 7/2010 Beigel et al.
D623,092 S 9/2010 Beigel et al.
D626,890 S * 11/2010 Cantemir D12/16
D633,015 S * 2/2011 Peltola D12/181
D634,244 S 3/2011 Aris et al.
D634,246 S 3/2011 Aris et al.
D682,172 S 5/2013 Peltola et al.
D687,359 S * 8/2013 Peltola D12/96
D699,648 S * 2/2014 Sancer D12/181
D700,109 S * 2/2014 Brzustowicz D12/96
D700,120 S 2/2014 Lee
D702,170 S 4/2014 Ito et al.
D707,608 S * 6/2014 Smith D12/181
D709,008 S * 7/2014 Brzustowicz D12/181
D709,009 S * 7/2014 Brzustowicz D12/181
D719,879 S 12/2014 Ito et al.
D729,122 S 5/2015 Koos
D735,614 S 8/2015 Alemany et al.
D754,212 S 4/2016 Jackson et al.
D758,253 S * 6/2016 Brzustowicz D12/96
D760,633 S * 7/2016 Peltola D12/181
D764,992 S 8/2016 Vena et al.
D799,380 S 10/2017 Cosme et al.
D801,896 S 11/2017 Ito et al.
D805,982 S 12/2017 Ito et al.
D809,985 S 2/2018 Milton et al.
D813,728 S 3/2018 Ito et al.
D813,772 S * 3/2018 Anderson D12/196
D814,375 S 4/2018 Anderson et al.
D814,376 S * 4/2018 Anderson D12/196
D816,004 S 4/2018 Milton et al.
D817,242 S 5/2018 Anderson et al.
D824,289 S 7/2018 Lokers et al.
D825,391 S 8/2018 Von Holzhausen et al.
D826,817 S 8/2018 Anderson et al.
D827,498 S 9/2018 Anderson et al.
D827,535 S 9/2018 Anderson et al.
D829,615 S 10/2018 Gibson et al.
D832,745 S 11/2018 Armigliato et al.
D847,715 S 5/2019 Von Holzhausen et al.
D853,293 S 7/2019 Håoroux et al.
D858,394 S 9/2019 Von Holzhausen et al.
D859,217 S 9/2019 Von Holzhausen et al.
D860,056 S * 9/2019 Von Holzhausen D12/96
D860,082 S 9/2019 Poyorena et al.
D864,031 S 10/2019 Gander et al.
D867,245 S 11/2019 Ito et al.
D868,646 S 12/2019 Cotner et al.
D869,332 S 12/2019 Gander et al.
D870,597 S 12/2019 Kirzinger et al.
D873,732 S 1/2020 Gillam et al.
D873,733 S 1/2020 Kozub
D876,996 S 3/2020 Hagler et al.
D876,998 S 3/2020 Harriton et al.
D881,097 S * 4/2020 Smith D12/196
D883,156 S 5/2020 Joudo et al.
D883,869 S 5/2020 Heinemann
D883,870 S 5/2020 Platto et al.
D885,264 S 5/2020 Lenz
D885,265 S 5/2020 Zipfel
D885,268 S 5/2020 Heinemann
D885,269 S 5/2020 Platto et al.

D891,340 S * 7/2020 Smith D12/196
D899,331 S 10/2020 Wiltshire et al.
D903,557 S * 12/2020 Pereira D12/181
D906,202 S 12/2020 Bibb
D907,544 S 1/2021 Wall et al.
D932,968 S 10/2021 Gilbert
D947,728 S 4/2022 Garcia et al.
D947,729 S 4/2022 Garcia et al.
D955,295 S 6/2022 Schwartz et al.
D962,826 S 9/2022 Su et al.
D966,164 S 10/2022 Beltran et al.
D971,788 S 12/2022 Dos Santos et al.
D971,789 S 12/2022 Dos Santos et al.
D980,145 S 3/2023 Schwartz et al.
D981,924 S 3/2023 Coons et al.
D983,105 S 4/2023 Garcia et al.
D983,106 S 4/2023 Garcia et al.
D987,510 S 5/2023 Gozzi et al.
D989,674 S 6/2023 Willing et al.
D990,373 S 6/2023 Kim et al.
D993,112 S 7/2023 Meyer
D993,115 S 7/2023 Coons et al.
D993,129 S 7/2023 Meyer et al.
D993,133 S 7/2023 Han
D994,565 S 8/2023 Kentley-Klay et al.
2005/0253344 A1 11/2005 Trinkner et al.
2006/0037760 A1 2/2006 Froland et al.
2007/0284156 A1 12/2007 Grady et al.
2007/0286736 A1 12/2007 Grady et al.
2012/0193109 A1 8/2012 Moore et al.
2014/0238704 A1 8/2014 Moore et al.
2016/0144209 A1 5/2016 Moore
2017/0056695 A1 3/2017 Moore
2017/0182340 A1 6/2017 Moore
2018/0064973 A1 3/2018 Moore
2019/0175971 A1 6/2019 Moore et al.
2019/0224516 A1 7/2019 Moore et al.
2019/0263455 A1 8/2019 Milton et al.
2019/0276102 A1 9/2019 Zuleger et al.
2020/0290237 A1 9/2020 Steffens et al.
2020/0291846 A1 9/2020 Steffens et al.
2020/0369161 A1 11/2020 Lee
2021/0171137 A1 6/2021 Zuleger et al.
2021/0276415 A1 9/2021 Schimke et al.
2021/0276643 A1 9/2021 Ellifson et al.
2021/0402235 A1 12/2021 Moore
2022/0009761 A1 1/2022 Archer et al.
2022/0072736 A1 3/2022 Steffens et al.
2022/0118854 A1 4/2022 Davis et al.
2022/0258812 A1 8/2022 Tenstam
2022/0297772 A1 * 9/2022 Deleurme B62D 35/008

OTHER PUBLICATIONS

Oshkosh is Developing All-Electric Waste Trucks, Feb. 21, 2023, Electrify.com Webpage [online], [Site Visit Sep. 11, 2023], URL: <https://www.electrify.com/2023/02/21/oshkosh-is-developing-all-electric-waste-trucks/> (Year: 2023).
<https://info.macktrucks.com/refuse-revolution>; “Welcome to the refuse revolution. Mack LR Electric.” Retrieved on Mar. 21, 2023.
<https://www.youtube.com/watch?v=NQFtAnm7D-c>; “All-New Mack LR Electric Garbage Truck.” Retrieved on Mar. 21, 2023.
Oshkosh is Developing All-Electric Waste Trucks, Feb. 21, 2023, Electrify.com Webpage [online], [Site Visit Sep. 11, 2023], URL: <https://www.electrify.com/2023/02/21/oshkosh-is-developing-all-electric-waste-trucks/> (Year: 2023).
Oshkosh Zero-Emission Electric Refuse Collection Vehicle, Apr. 15, 2023, YouTube [online], [Site Visit Sep. 11, 2023], URL: <https://www.youtube.com/watch?v=20wBDi-tOnE> (Year: 2023).
Republic Services New Electric Trash Truck, Jul. 21, 2023, News Santa Ana Webpage [online], [Site Visit Oct. 4, 2023], URL: <https://newsantaana.com/republic-services-is-debating-their-new-electric-trash-truck-at-the-santa-ana-library-on-7-27/> (Year: 2023).

* cited by examiner

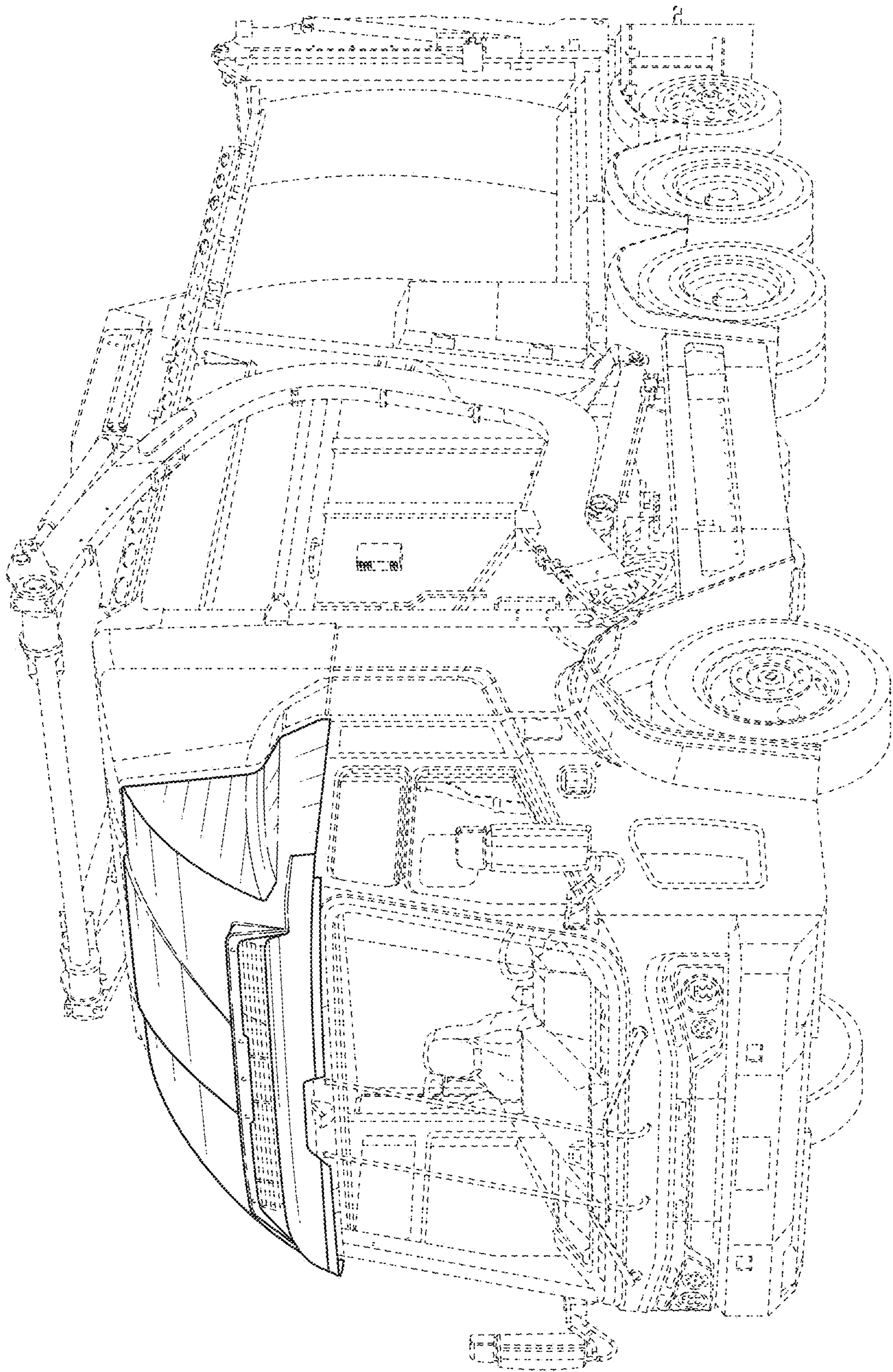


FIG. 1

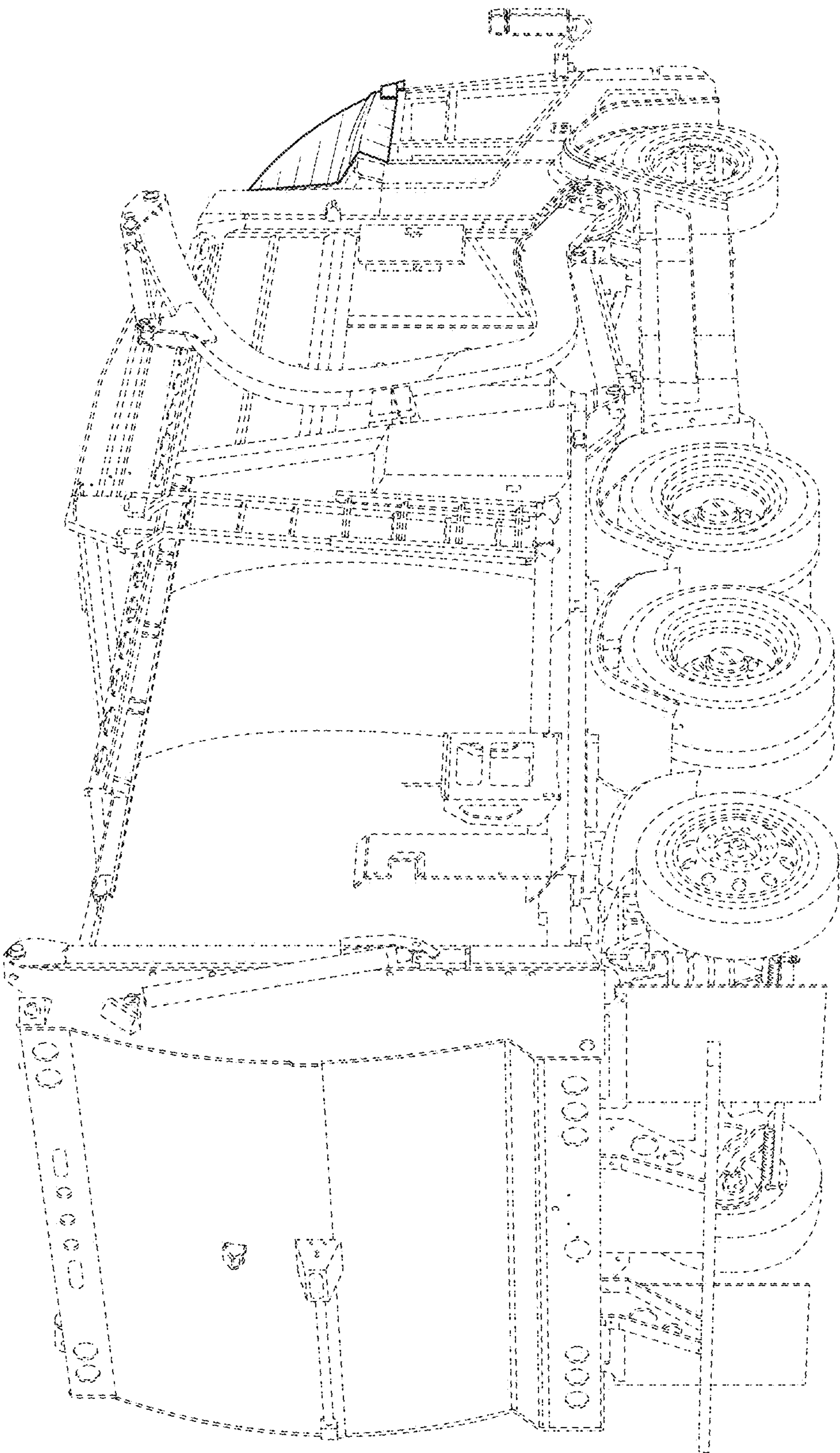


FIG. 2

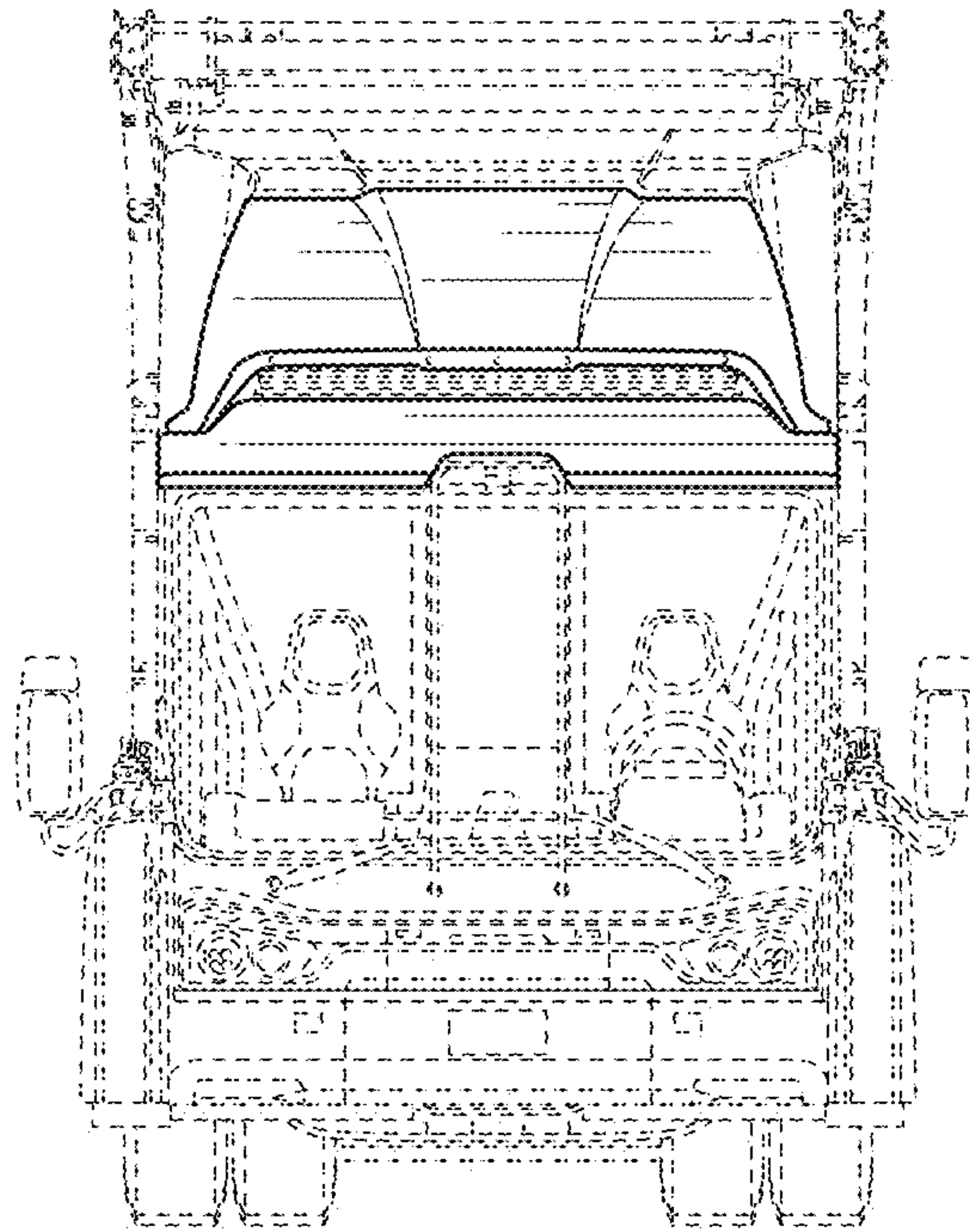


FIG. 3

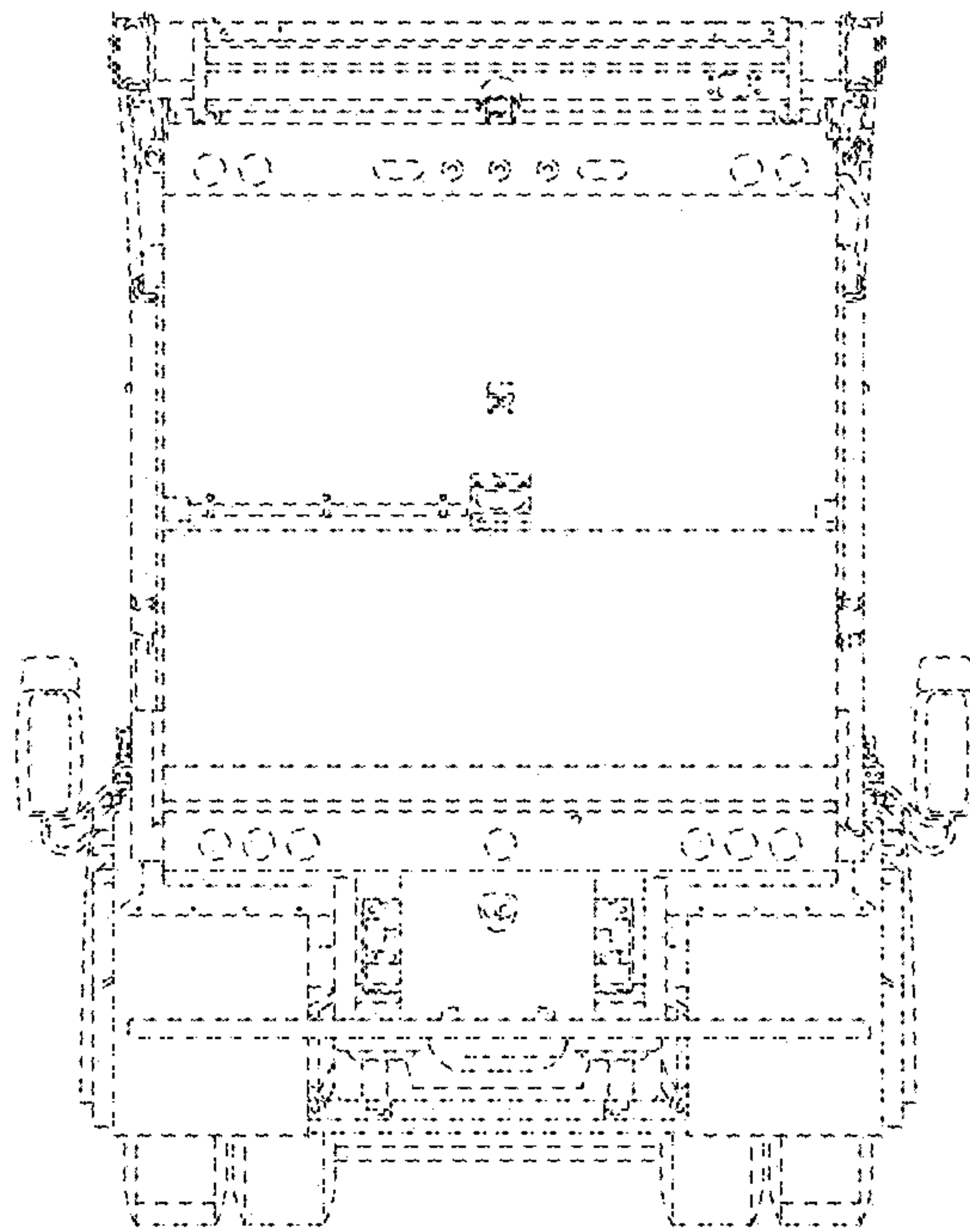


FIG. 4

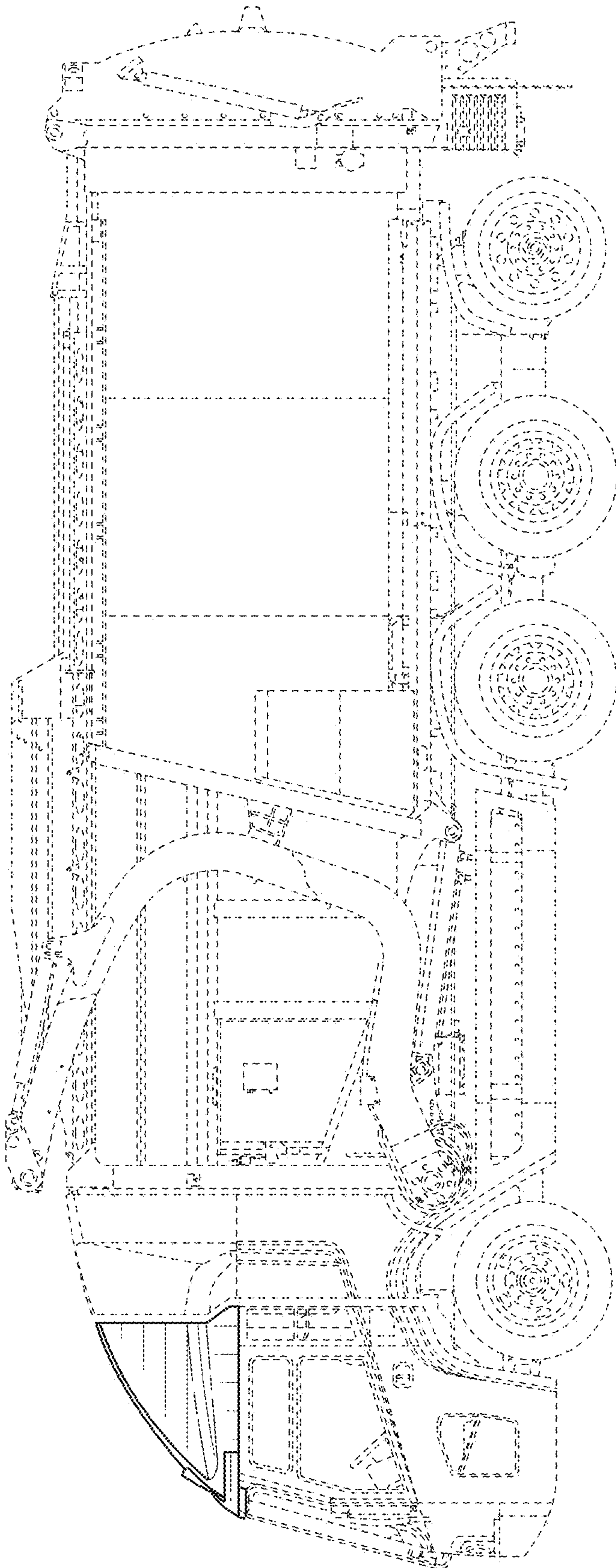


FIG. 5

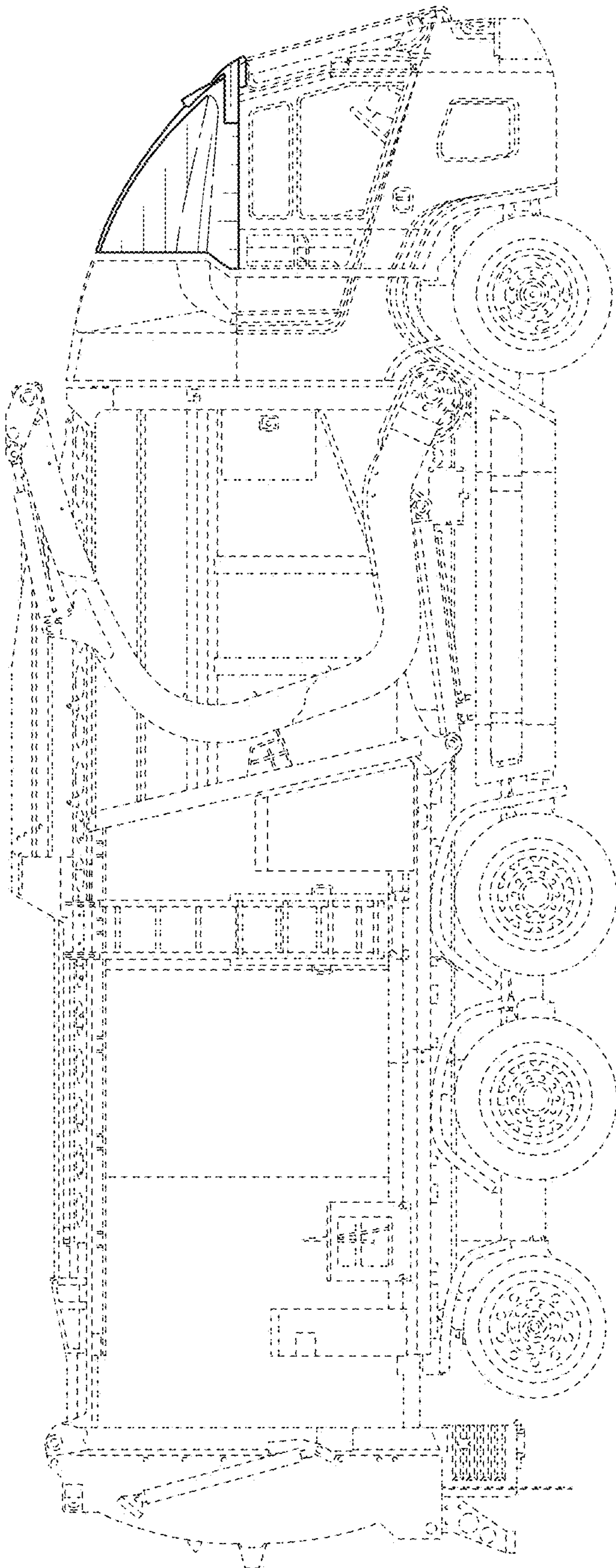


FIG. 6

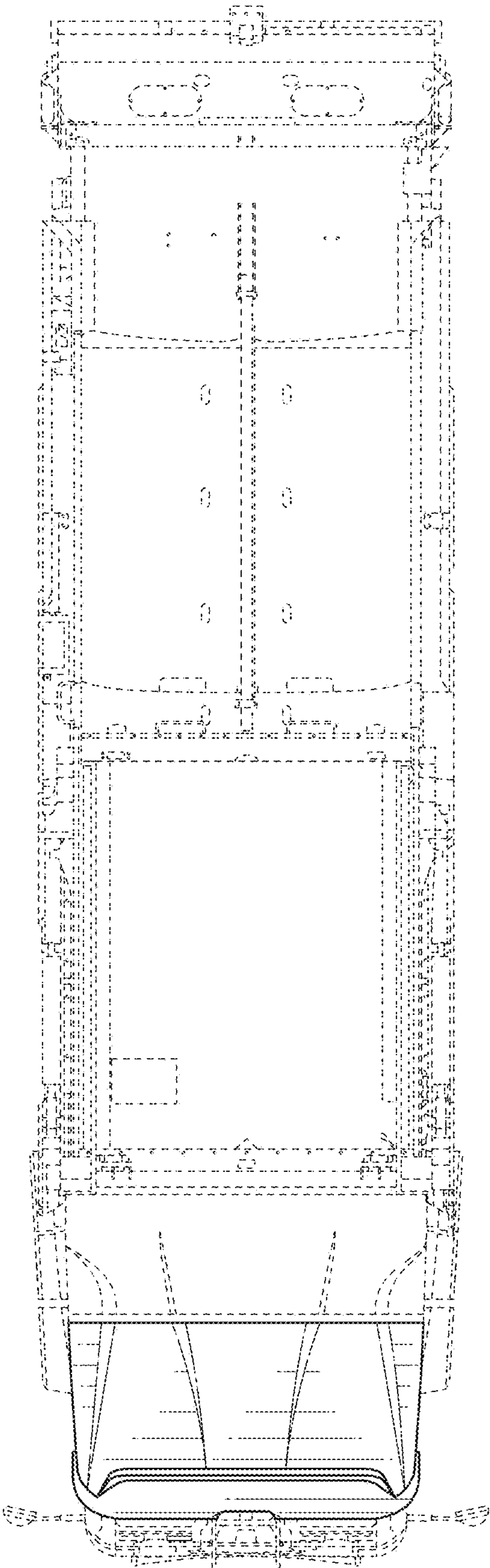


FIG. 7

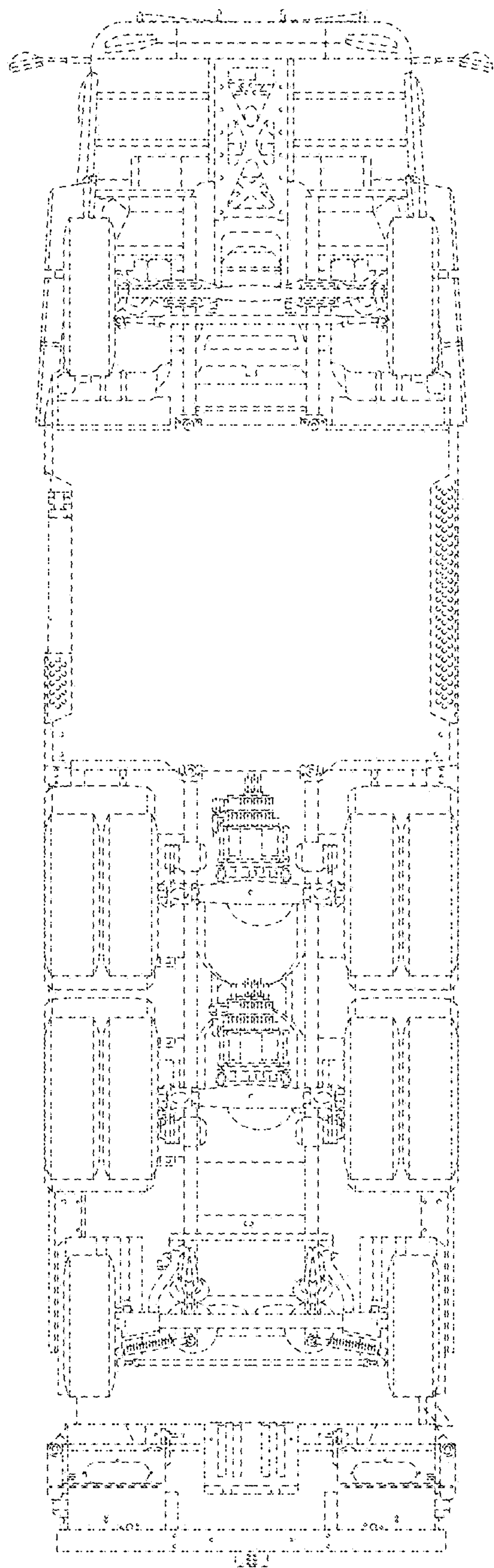


FIG. 8

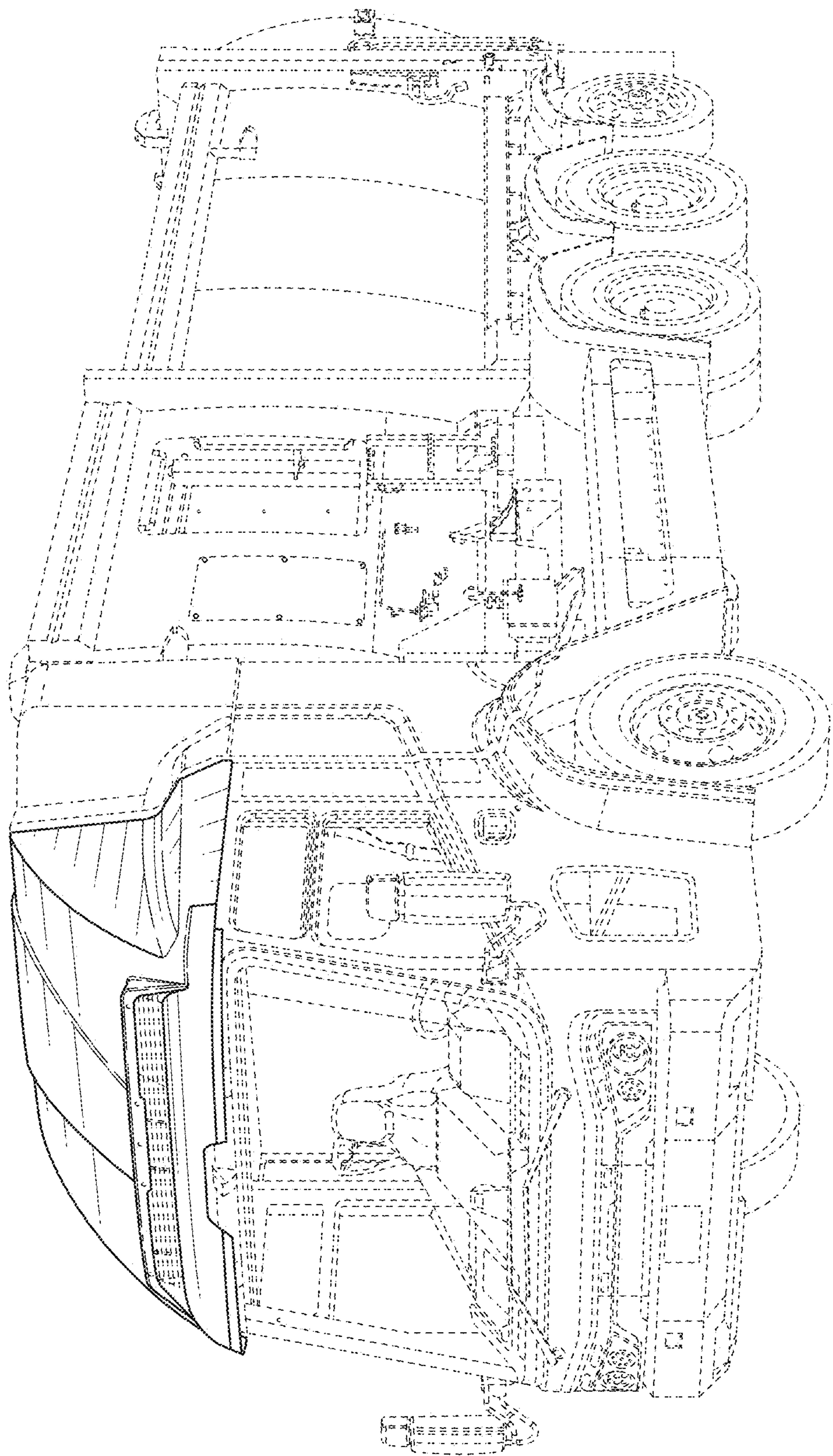


FIG. 9

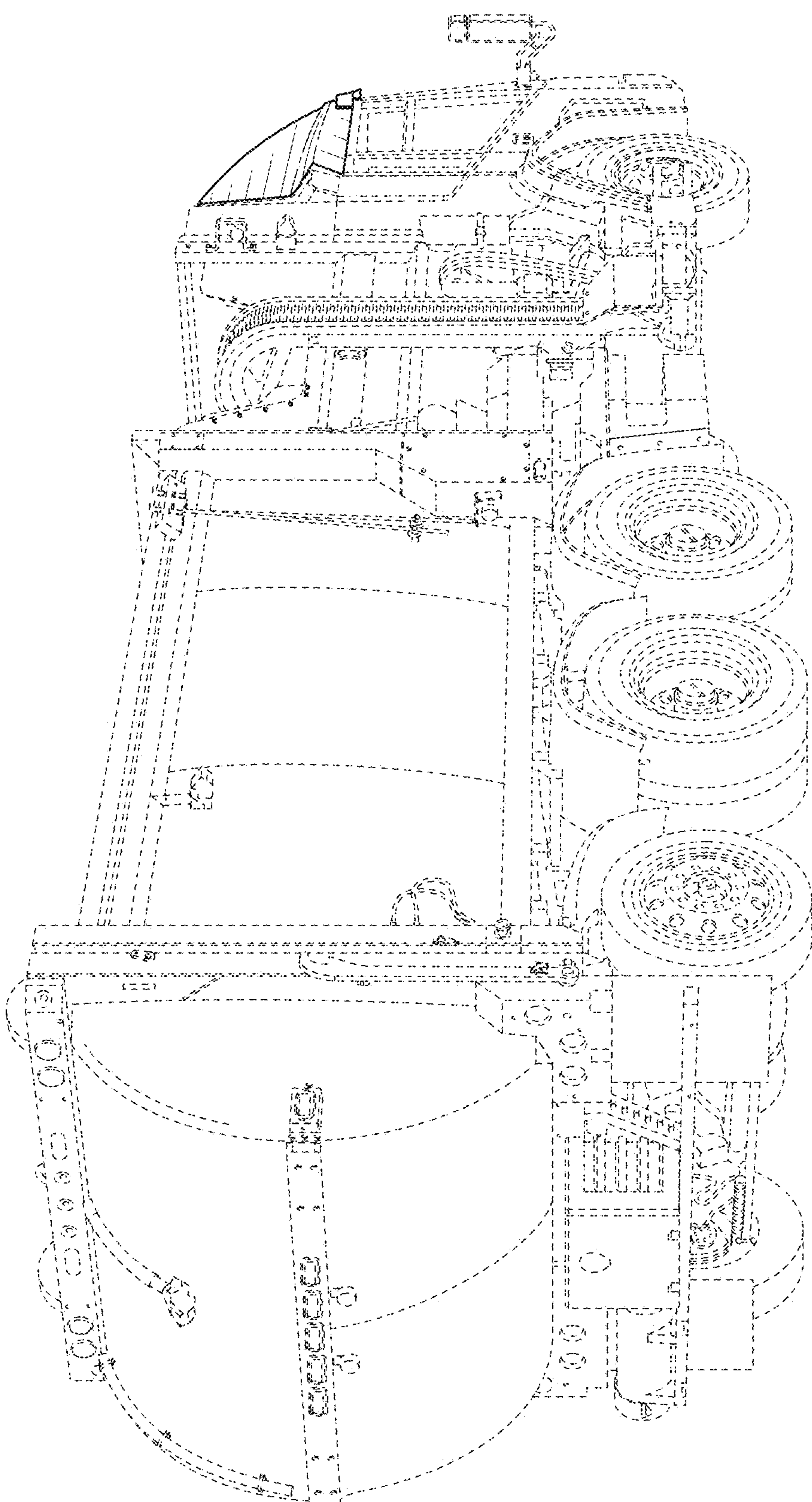


FIG. 10

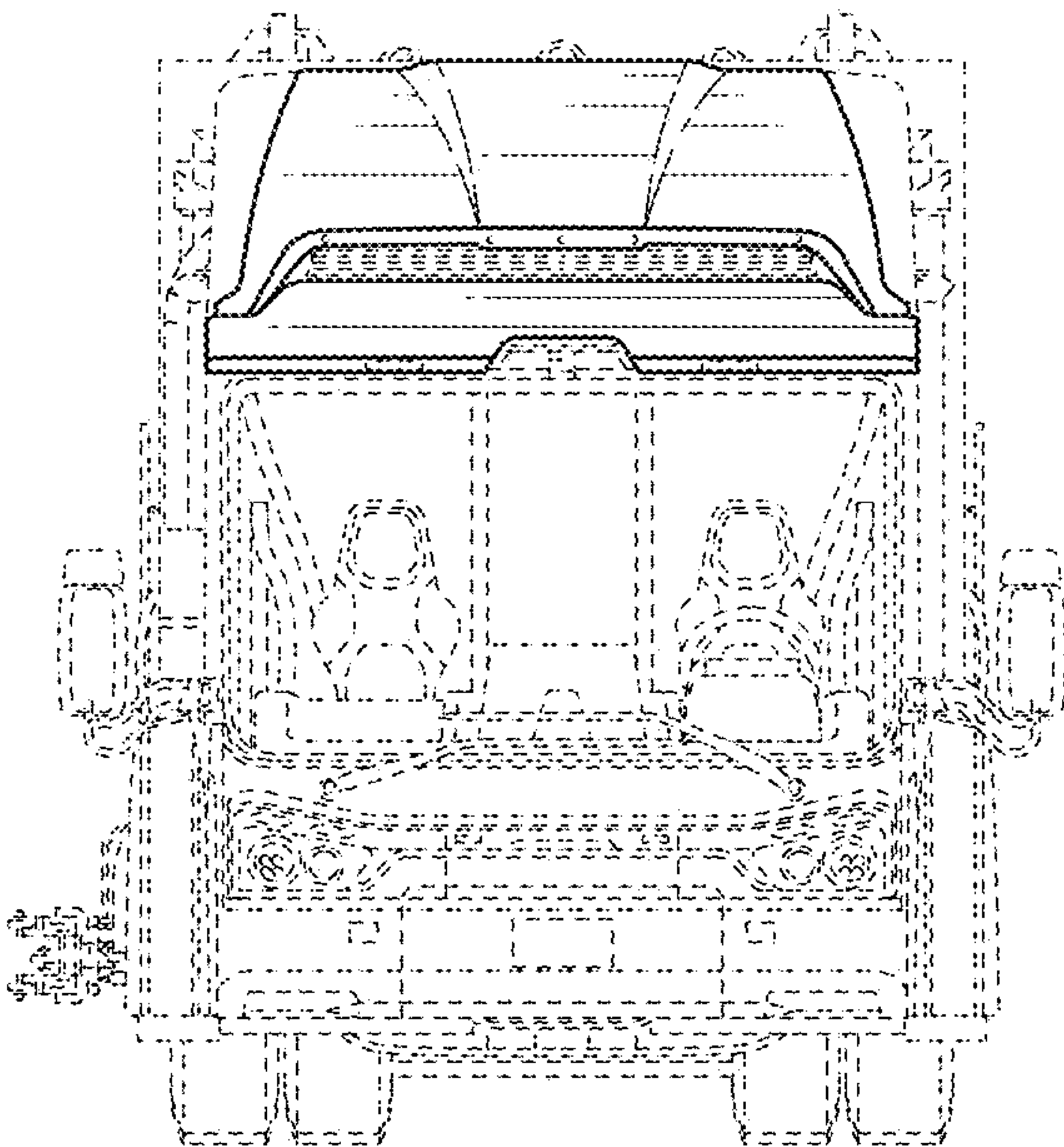


FIG. 11

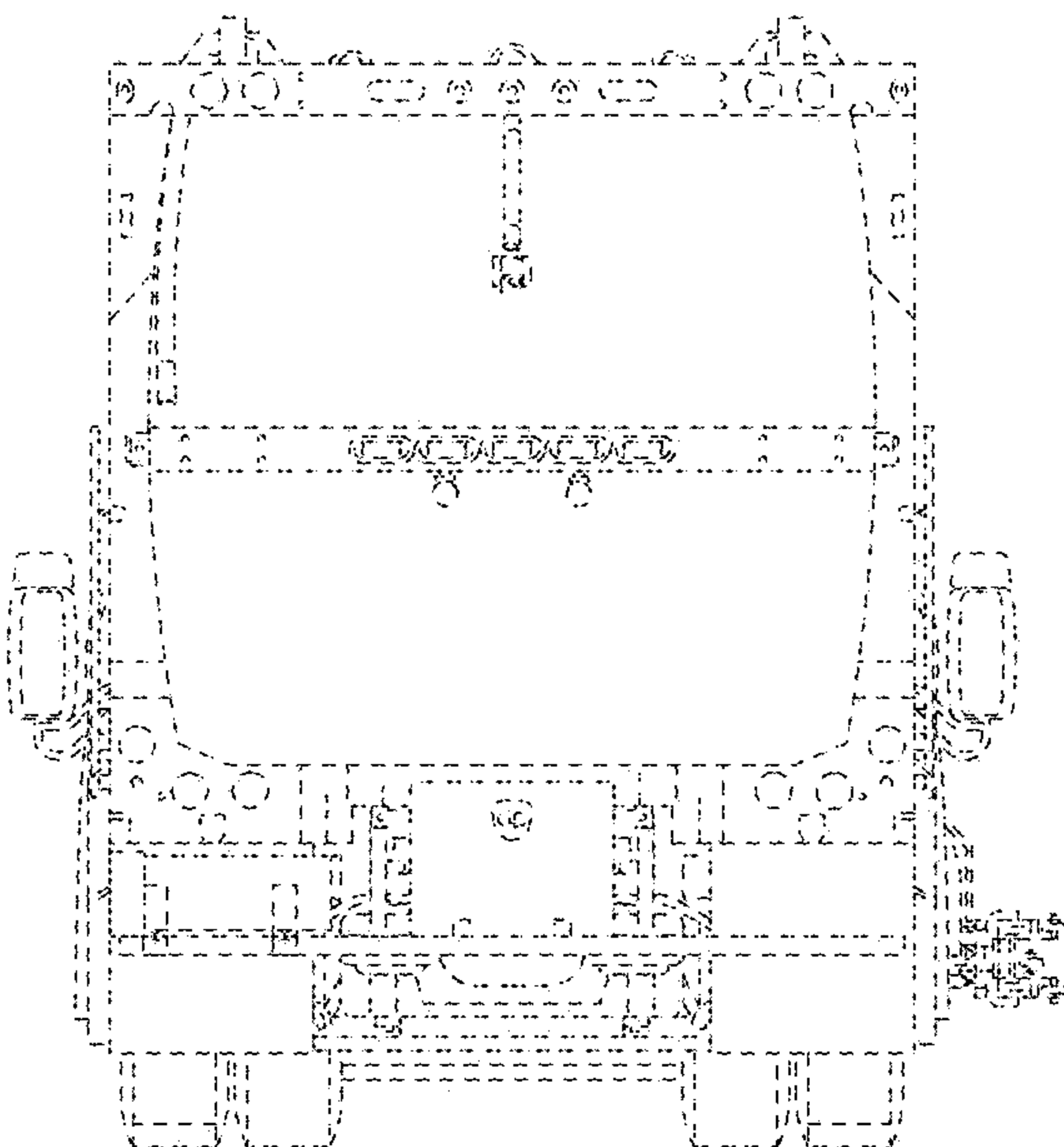


FIG. 12

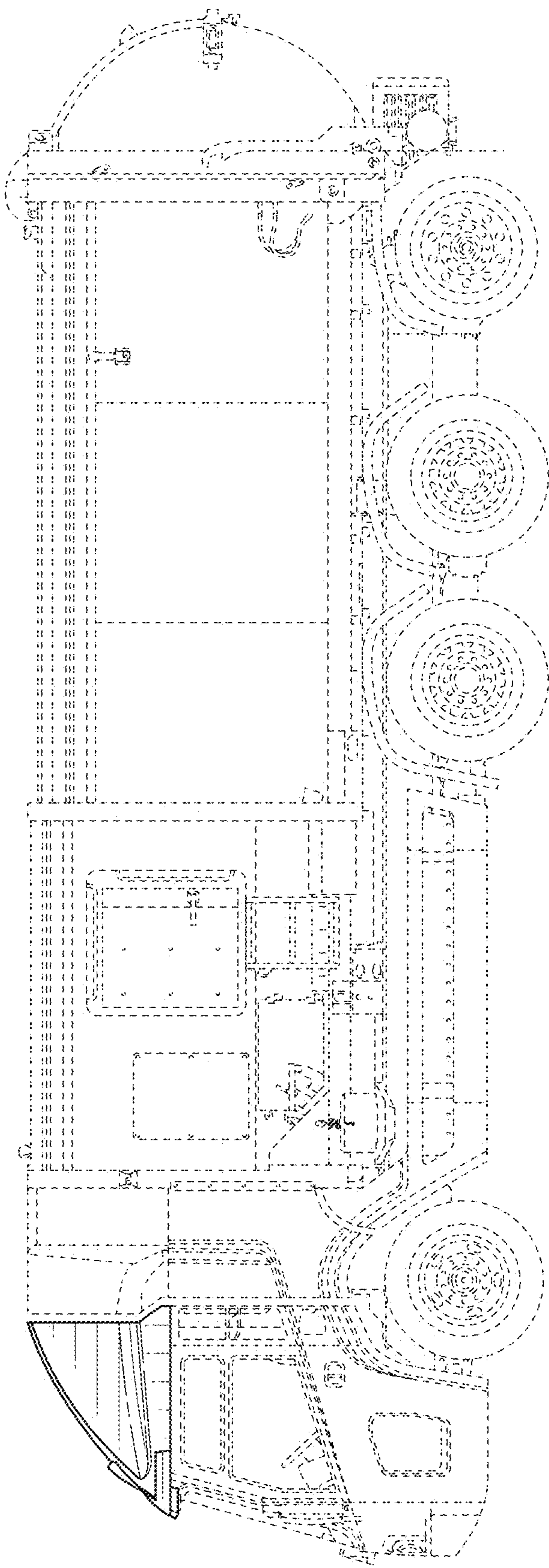


FIG. 13

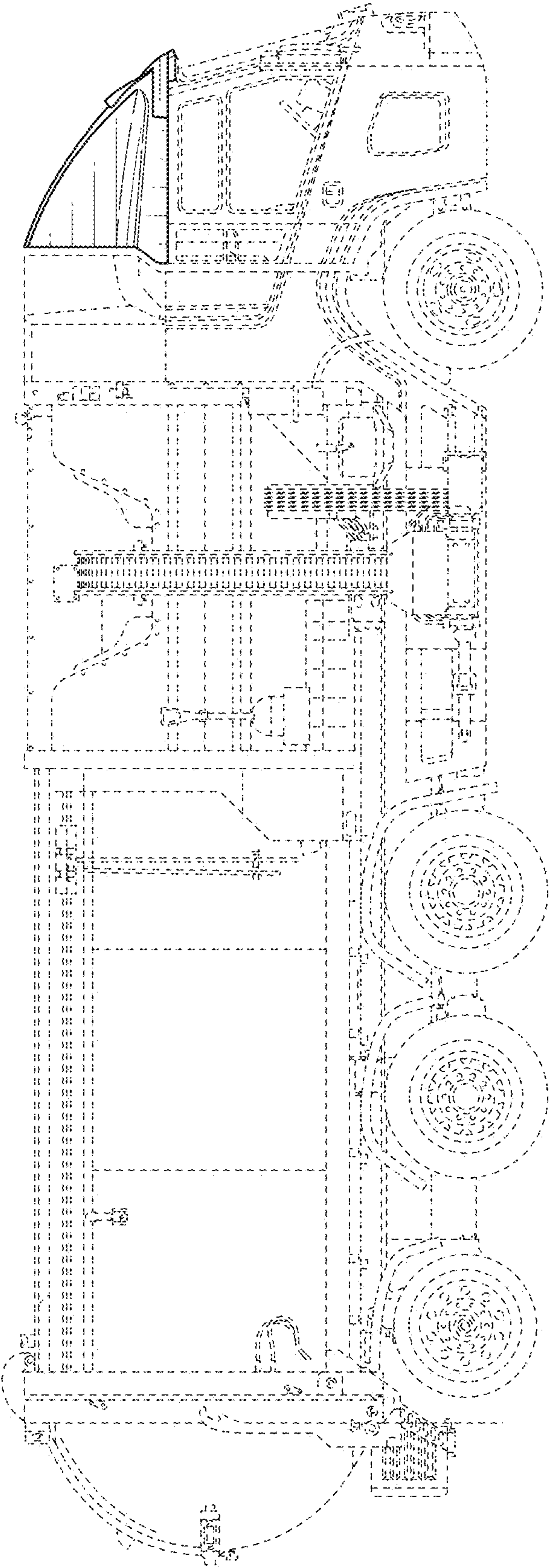


FIG. 14

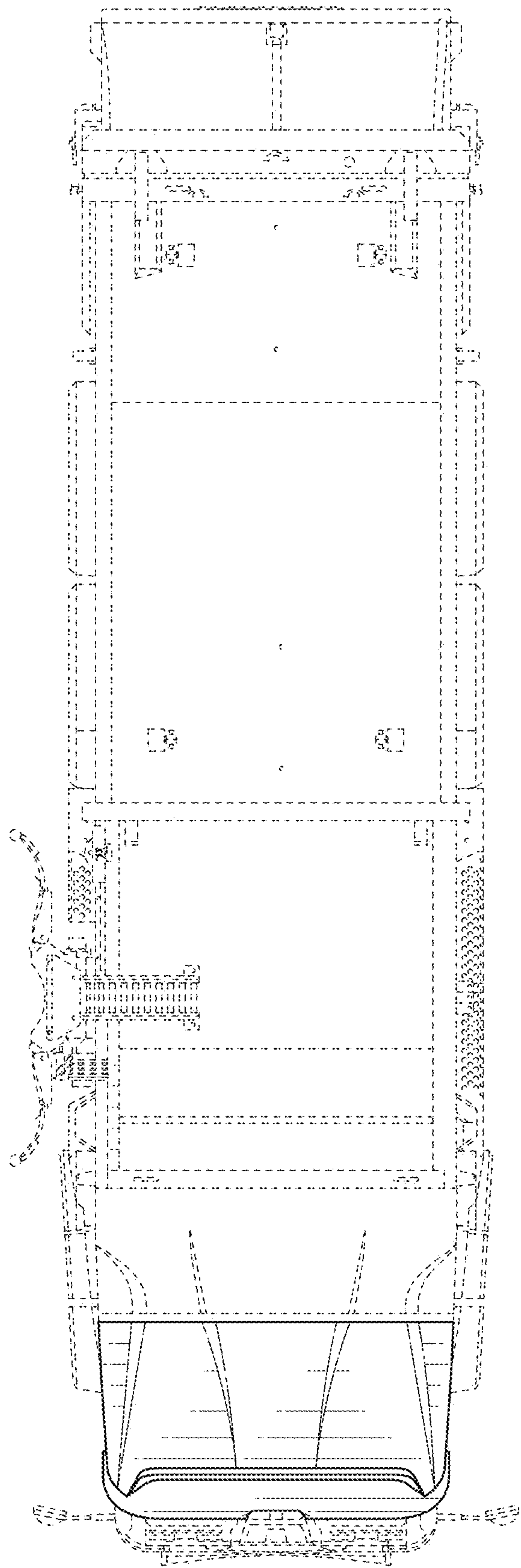


FIG. 15

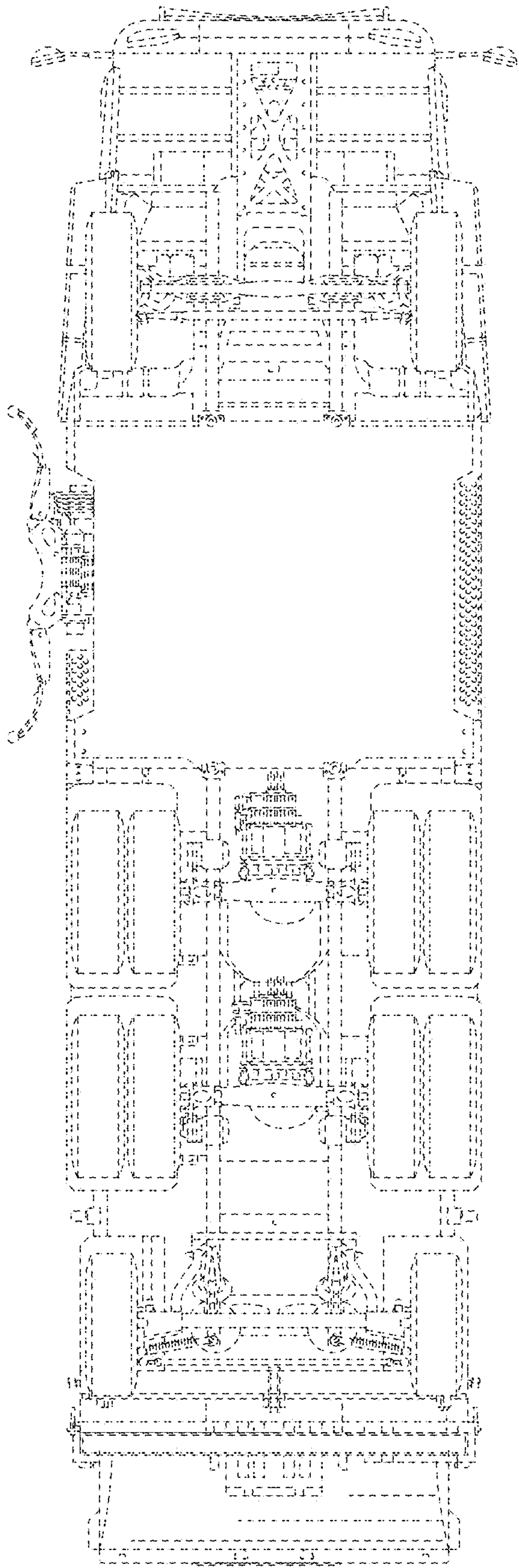


FIG. 16