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(12) **United States Design Patent**  
**Kojima**

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(54) **UNMANNED GROUND VEHICLE**

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KABUSHIKI KAISHA**

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(52) **U.S. Cl.**  
USPC ..... **D12/1**

(58) **Field of Classification Search**

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180/19.1, 65.1, 89.1, 180, 181, 209, 210,  
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D34/23, 28, 34; D15/199

CPC ..... B62D 55/00; B62D 55/14; B60K 17/00;  
B60Y 2200/124; B60Y 2200/20; B60Y  
2200/24; B60Y 2200/25; B60Y 2200/254;  
B60Y 2200/42; B60Y 2200/40; B60Y  
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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,007,074 A \* 12/1999 Tarng ..... A63C 17/12  
192/84.3  
6,428,022 B1 \* 8/2002 Namiki ..... A63C 17/01  
280/268

(Continued)

**OTHER PUBLICATIONS**

Electric Skateboard MotoTec, longboardsusa.com [online]. Pub-  
lished on or before Jul. 14, 2020, [retrieved on Jul. 14, 2020].  
Retrieved from the Internet: <URL:https://longboardsusa.com/  
products/electric-skateboard-mototec-electric-speed-go-36v-lithium-  
black?variant=24843484823616> (Year: 2020).\*

(Continued)

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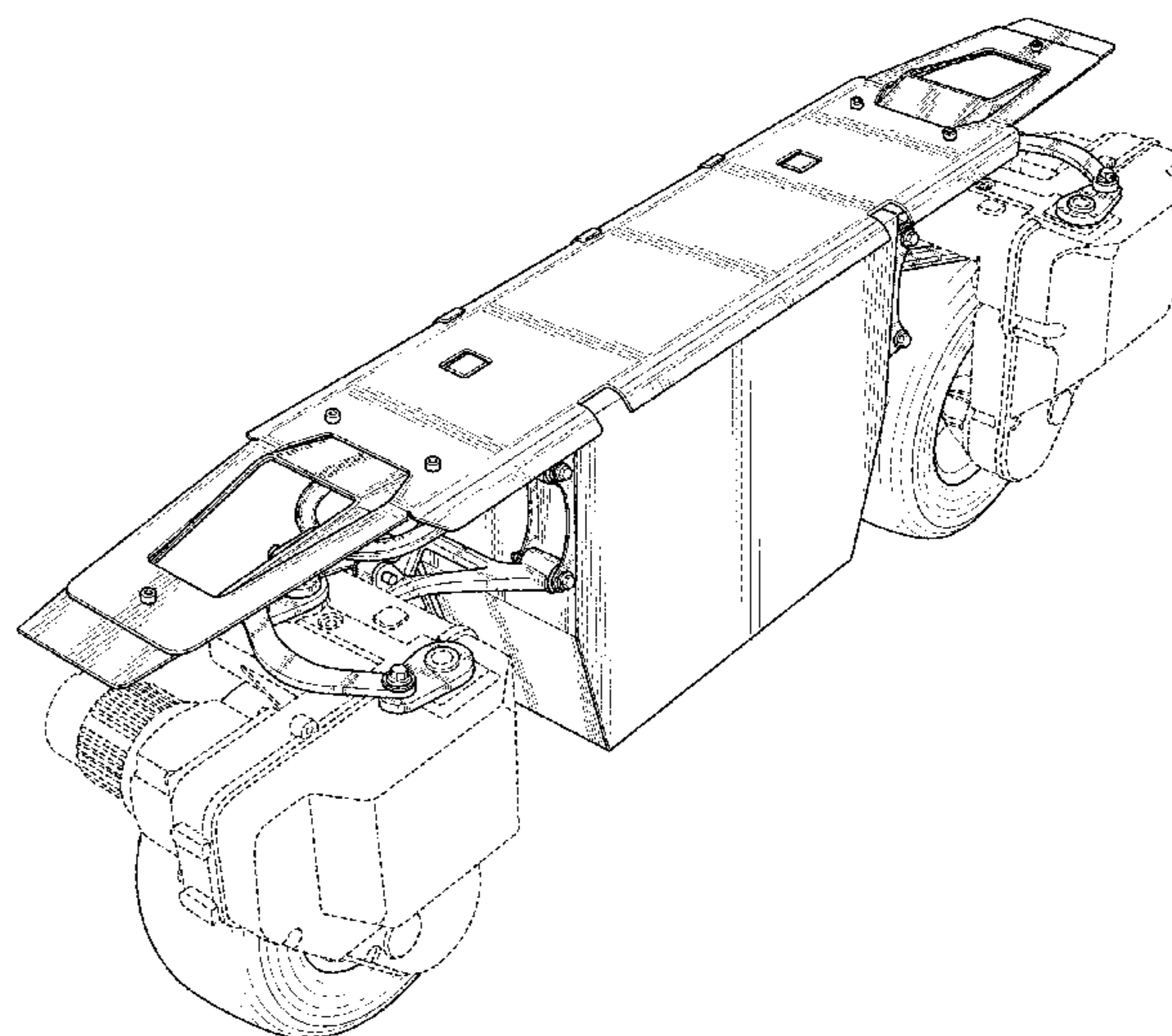
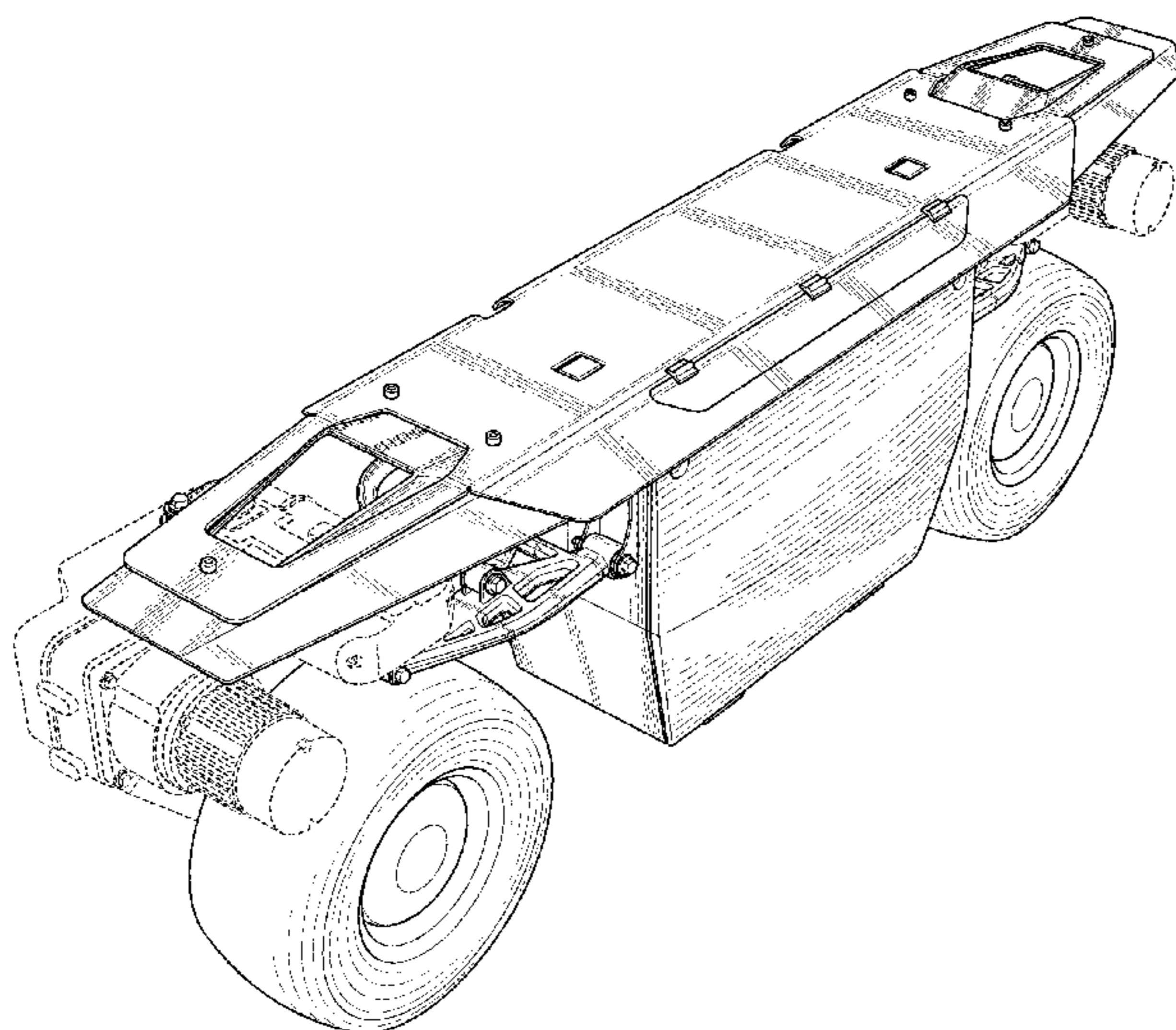
(57) **CLAIM**

The ornamental design for an unmanned ground vehicle, as  
shown and described.

**DESCRIPTION**

FIG. 1 is a top, front, and left side perspective view of an  
unmanned ground vehicle showing my new design;  
FIG. 2 is a top, rear, and right side perspective view thereof;  
FIG. 3 is a left side elevation view thereof;  
FIG. 4 is a right side elevation view thereof;  
FIG. 5 is a front view thereof;  
FIG. 6 is a rear view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof; and,  
FIG. 9 is a top, front, left side, perspective view of an  
unmanned ground vehicle showing my new design with  
environmental material for use with the new design.  
The broken lines showing are for the purpose of illustrating  
portions of the unmanned ground vehicle and form no part  
of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

6,669,215 B2 \* 12/2003 Laporte ..... A63C 17/01  
280/124.11  
7,198,280 B2 \* 4/2007 Hara ..... A63C 17/0033  
280/87.042  
7,980,573 B1 \* 7/2011 Naman ..... A63C 17/12  
280/87.041  
9,393,483 B2 \* 7/2016 Tan ..... A63C 17/011  
D774,601 S \* 12/2016 Mizrahi ..... D21/423  
10,071,303 B2 \* 9/2018 Pikulski ..... A63C 17/262  
10,245,936 B2 \* 4/2019 Gillett ..... G05D 1/0276  
10,335,668 B2 \* 7/2019 Cho ..... A63C 17/0033  
2005/0139406 A1 \* 6/2005 McLeese ..... A63C 17/04  
180/180  
2016/0107070 A1 \* 4/2016 Middleton ..... A63C 17/012  
280/87.042

## OTHER PUBLICATIONS

Yamaha unmanned agricultural vehicle, response.jp [online]. Published on Jul. 23, 2019, [retrieved on Nov. 9, 2020]. Retrieved from the Internet: <URL:https://response.jp/article/2019/07/23/324751.html> (Year: 2019).\*

\* cited by examiner

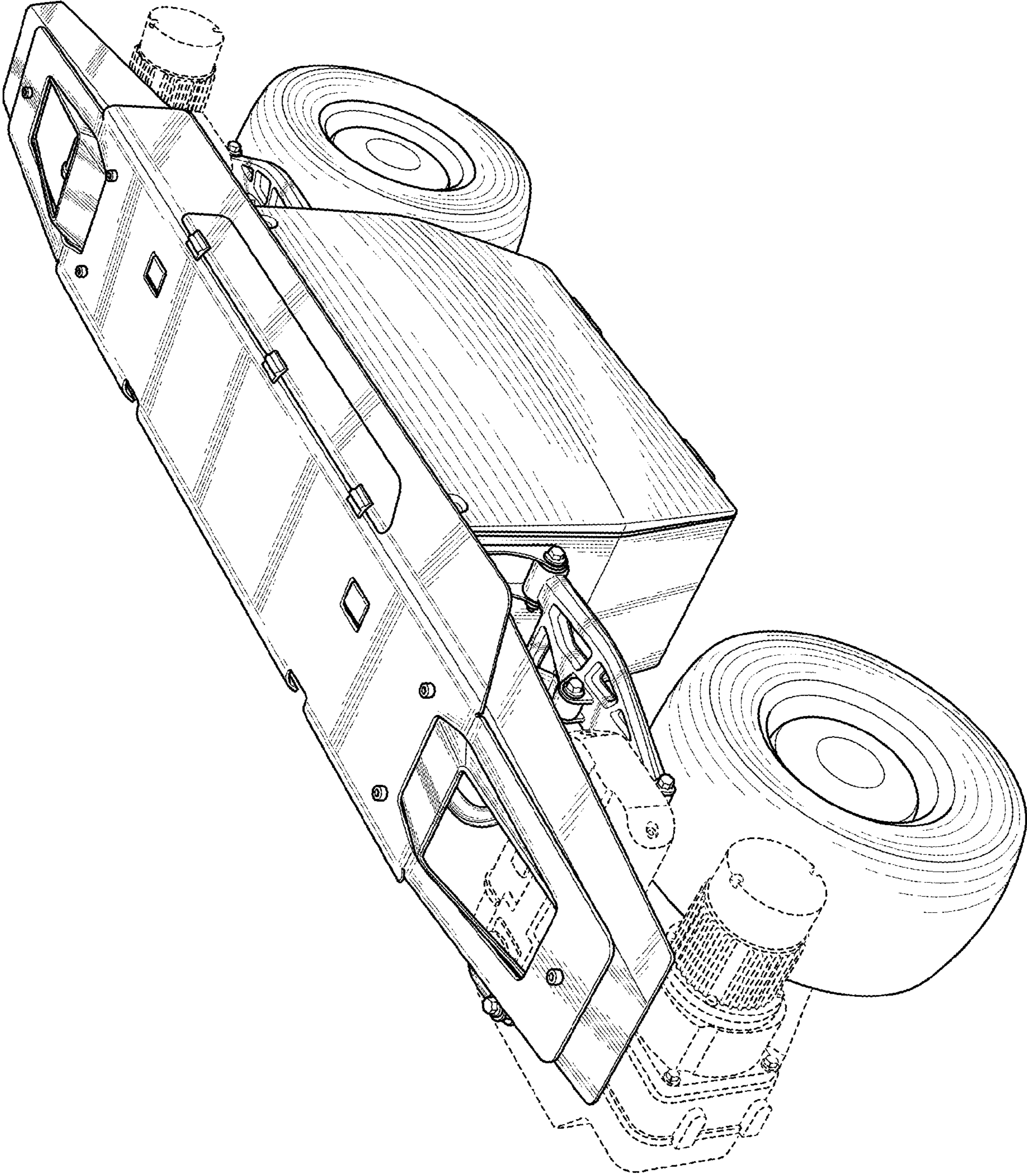


FIG. 1

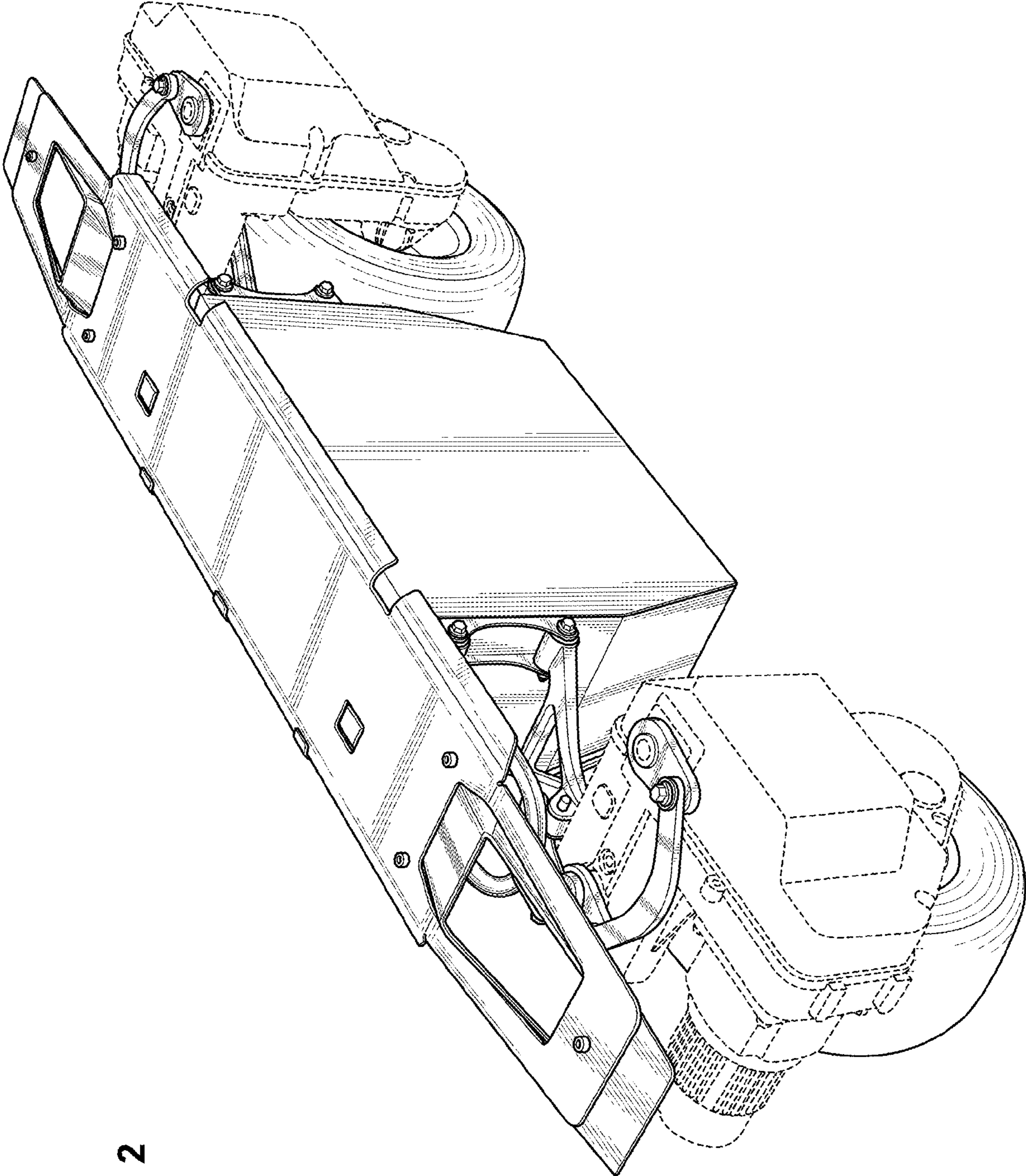


FIG. 2

FIG. 3

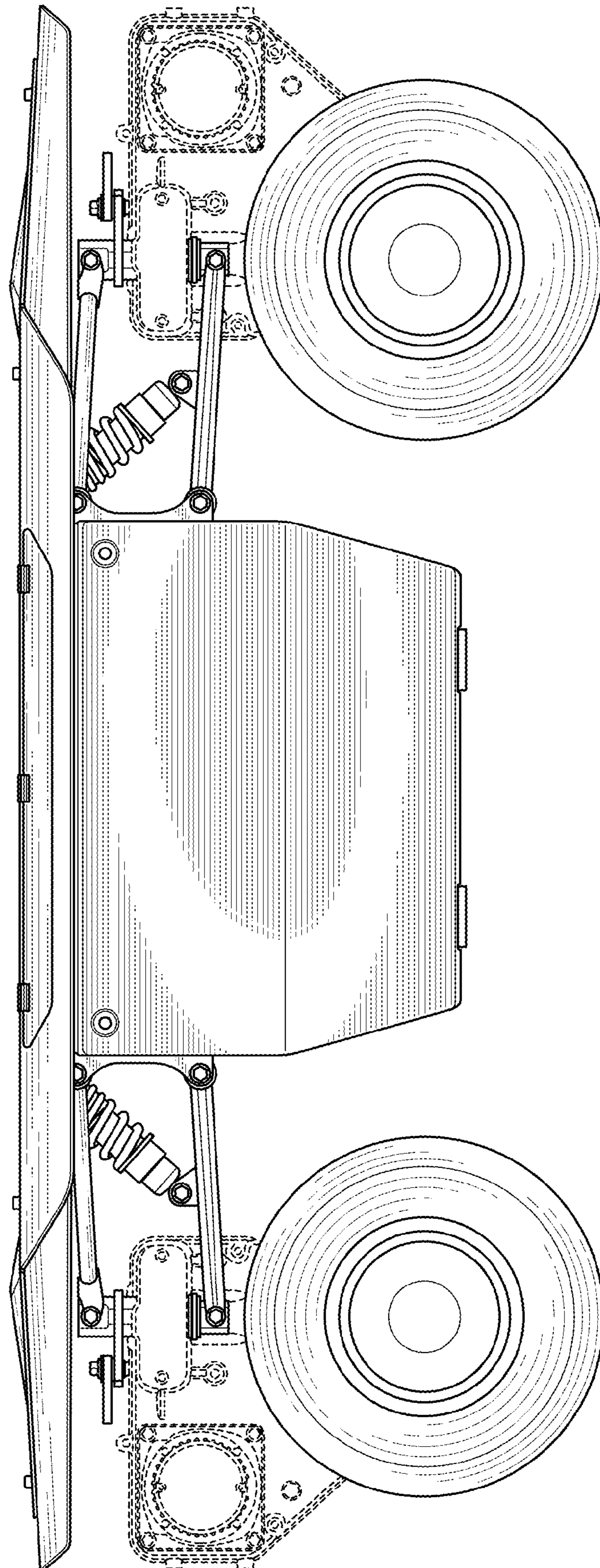


FIG. 4

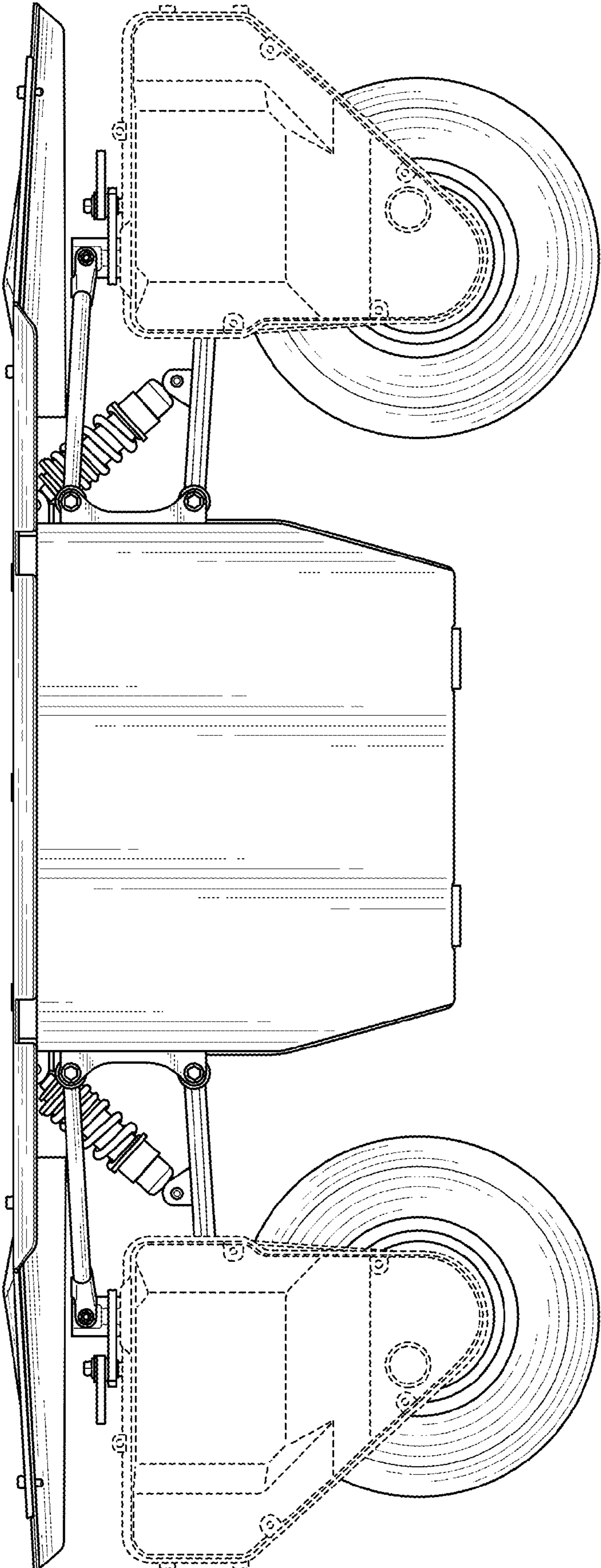


FIG. 5

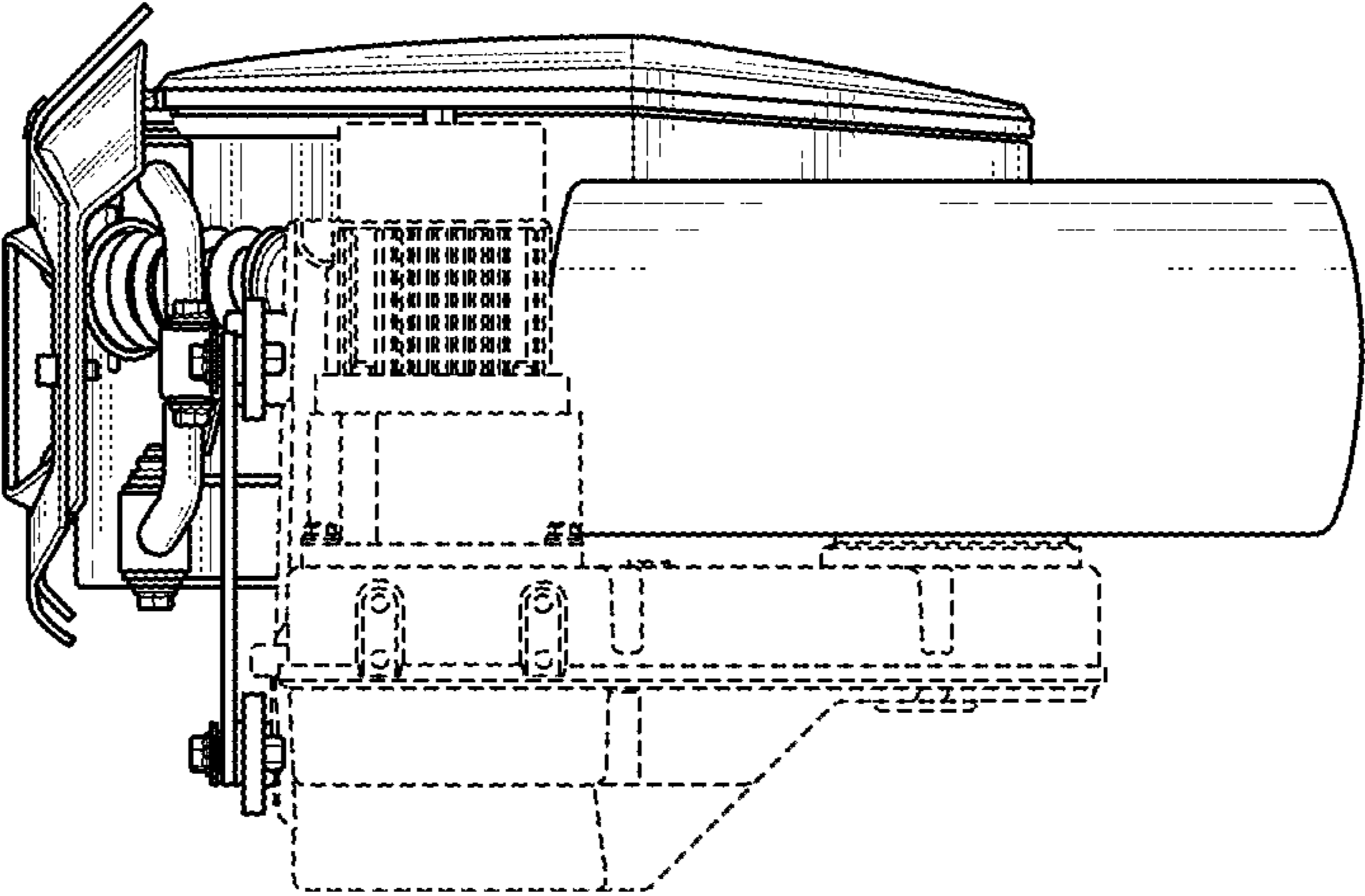


FIG. 6

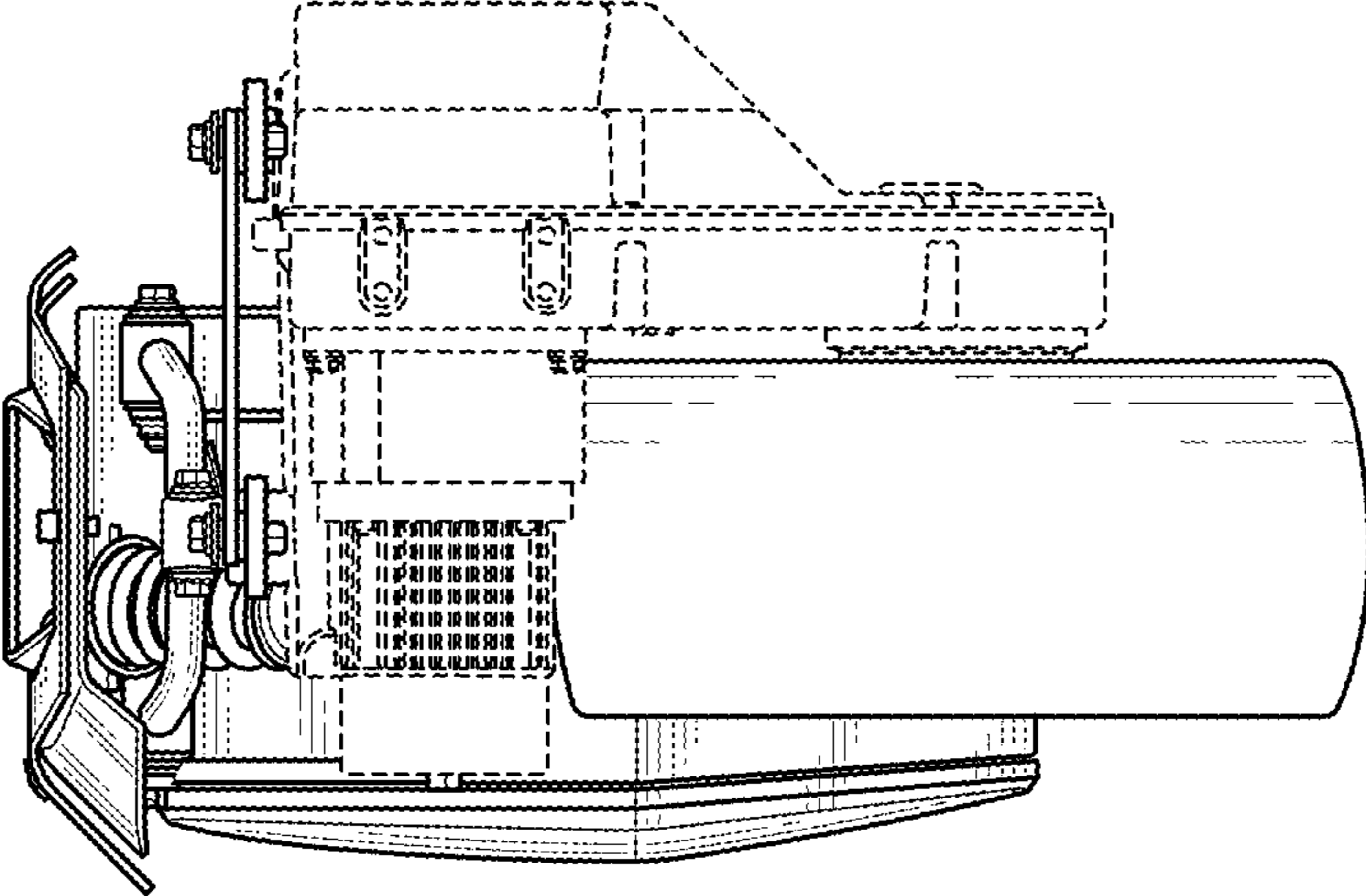




FIG. 7

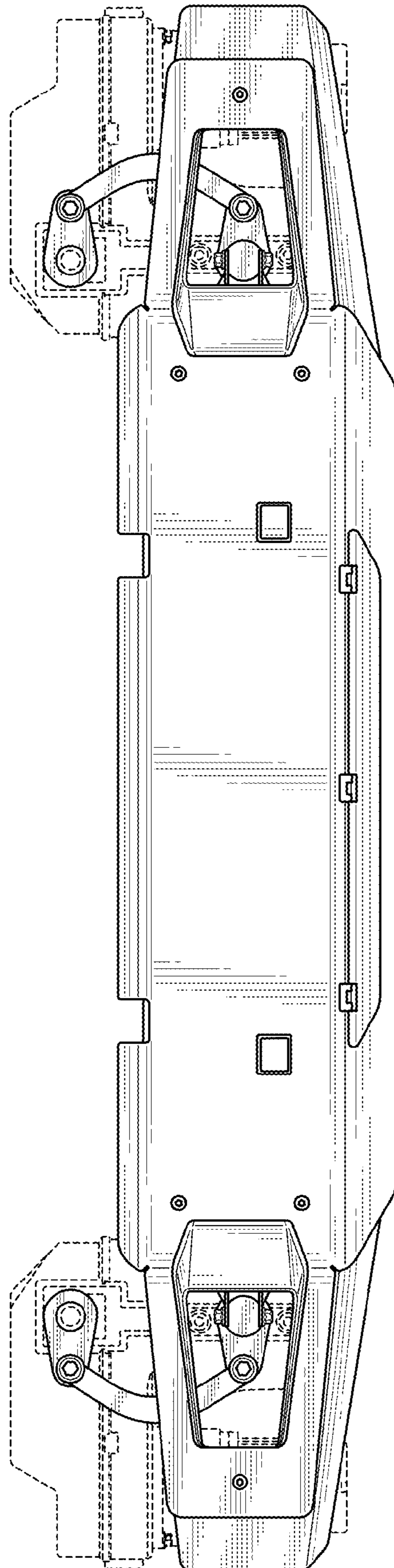
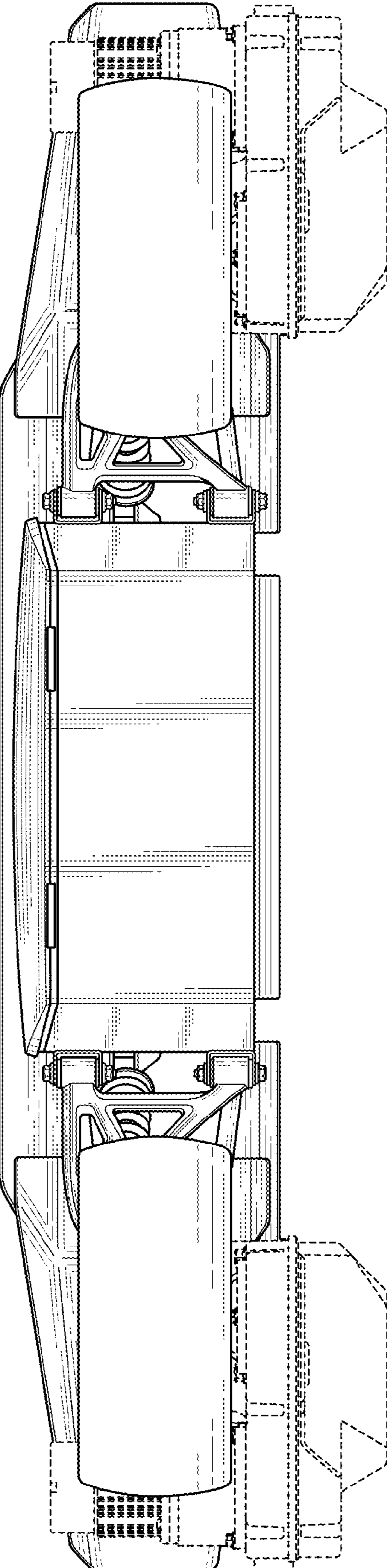


FIG. 8



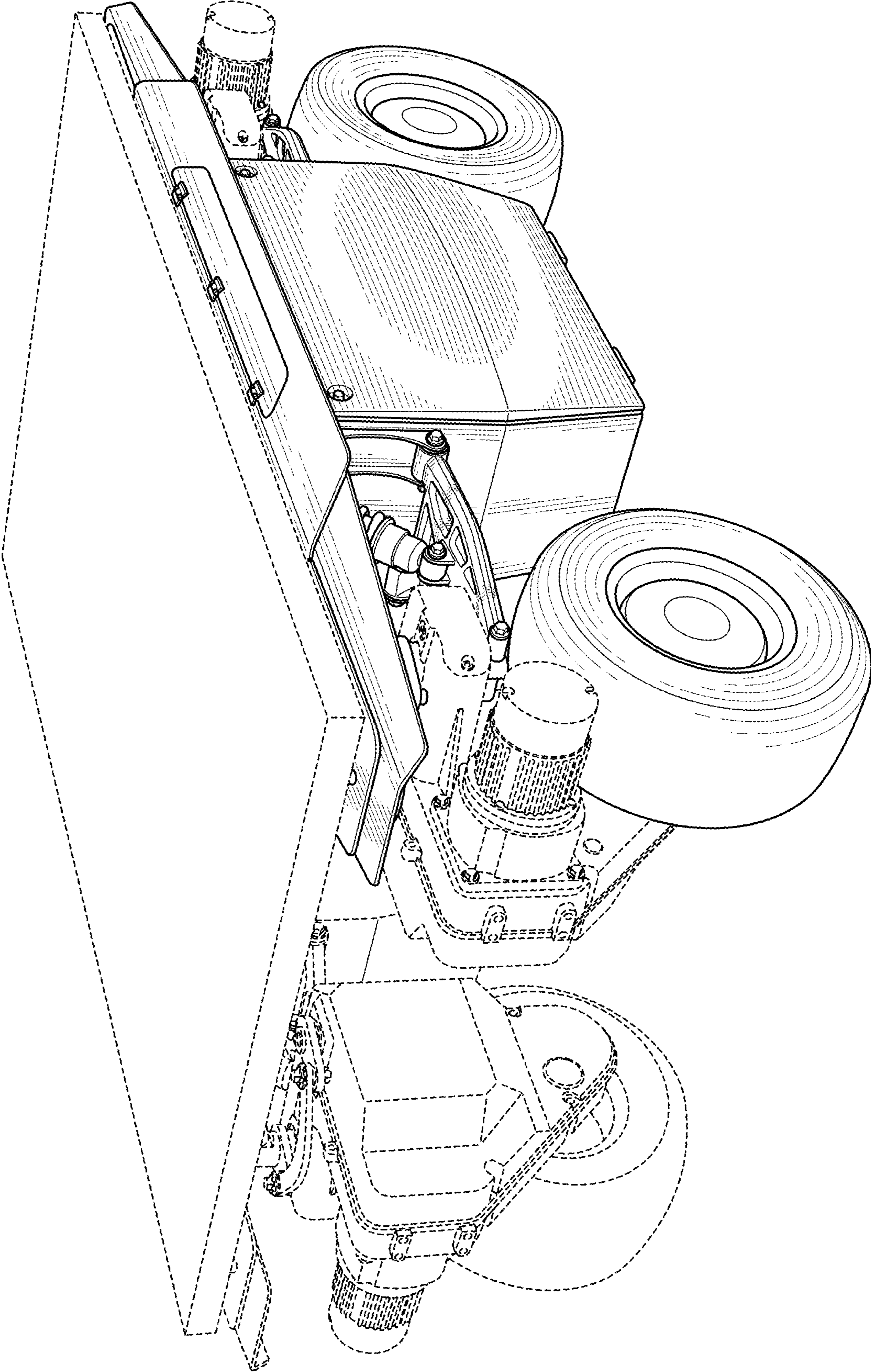


FIG. 9