



US00D867475S

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

(10) **Patent No.:** **US D867,475 S**

(45) **Date of Patent:** **\*\* Nov. 19, 2019**

(54) **LOWER FRONT SUSPENSION ARM FOR A MODEL VEHICLE**

(71) Applicant: **TRAXXAS LP**, McKinney, TX (US)

(72) Inventors: **Adam Cole Ewing**, McKinney, TX (US); **Otto Karl Allmendinger**, Rowlett, TX (US)

(73) Assignee: **TRAXXAS LP**, McKinney, TX (US)

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

(21) Appl. No.: **29/633,333**

(22) Filed: **Jan. 12, 2018**

(51) **LOC (12) Cl.** ..... **21-01**

(52) **U.S. Cl.**  
USPC ..... **D21/561**; D12/159

(58) **Field of Classification Search**  
USPC ..... D21/495, 561; D12/159-160  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D46,086 S \* 7/1914 Clark ..... D12/159  
4,772,044 A \* 9/1988 Booher ..... B29C 70/52  
267/149

(Continued)

**FOREIGN PATENT DOCUMENTS**

DE 3622552 A1 \* 1/1988 ..... B60G 3/20  
DE 202018103151 U1 \* 2/2018 ..... B60G 7/02

(Continued)

**OTHER PUBLICATIONS**

CN-304138171, posted at Orbit.com, publication date May 17, 2017. Site visited Apr. 12, 2019. Available from Internet. (Year: 2017).\*

(Continued)

*Primary Examiner* — Kevin K Rudzinski

*Assistant Examiner* — Kathleen L Jones

(74) *Attorney, Agent, or Firm* — Daryl R. Wright; Greg Carr

(57) **CLAIM**

We claim the ornamental design for a lower front suspension arm for a model vehicle, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, right, front perspective view of a first embodiment of a lower front suspension arm for a model vehicle;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a left side elevation view thereof;

FIG. 5 is a right side elevation view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

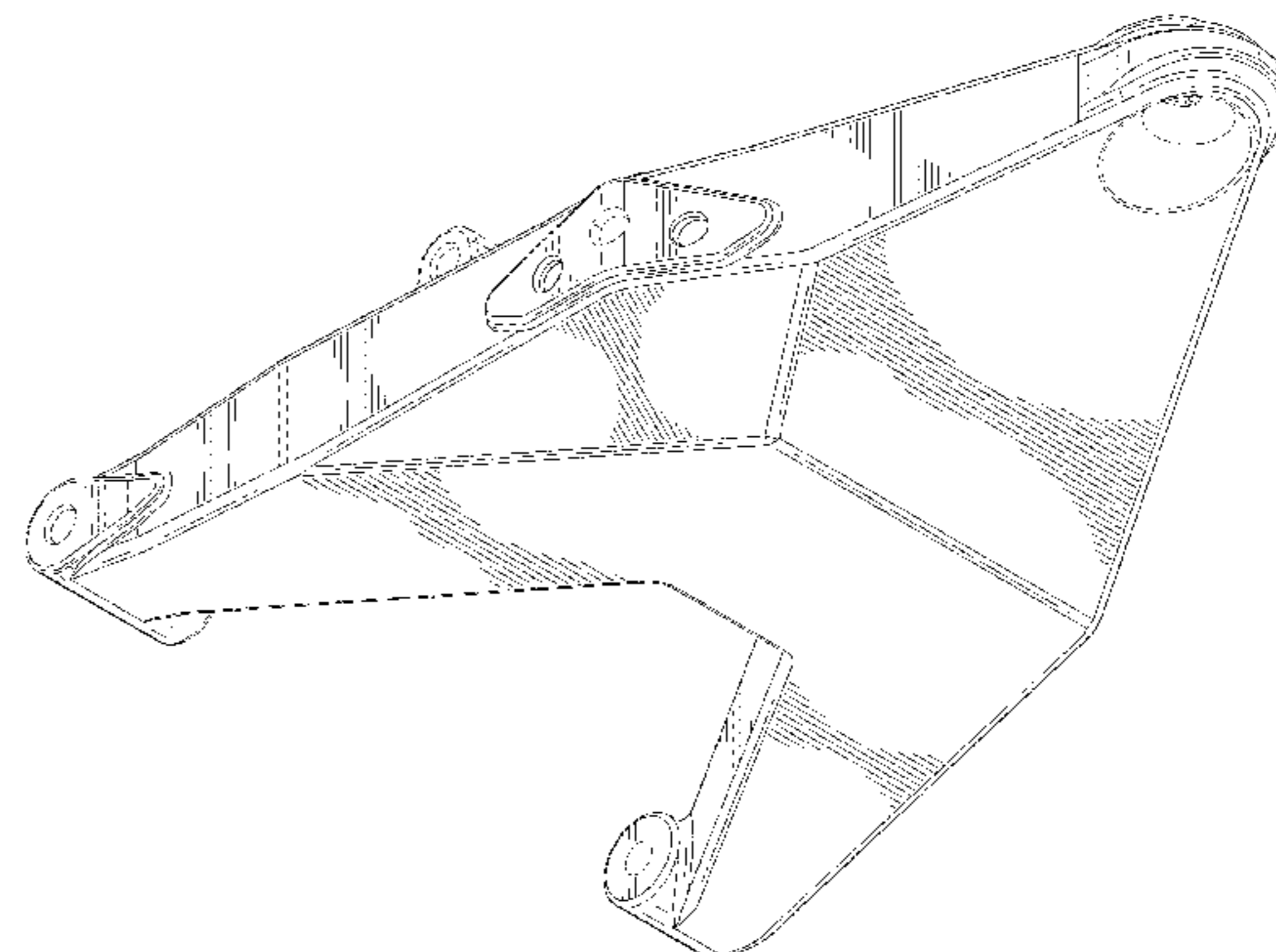
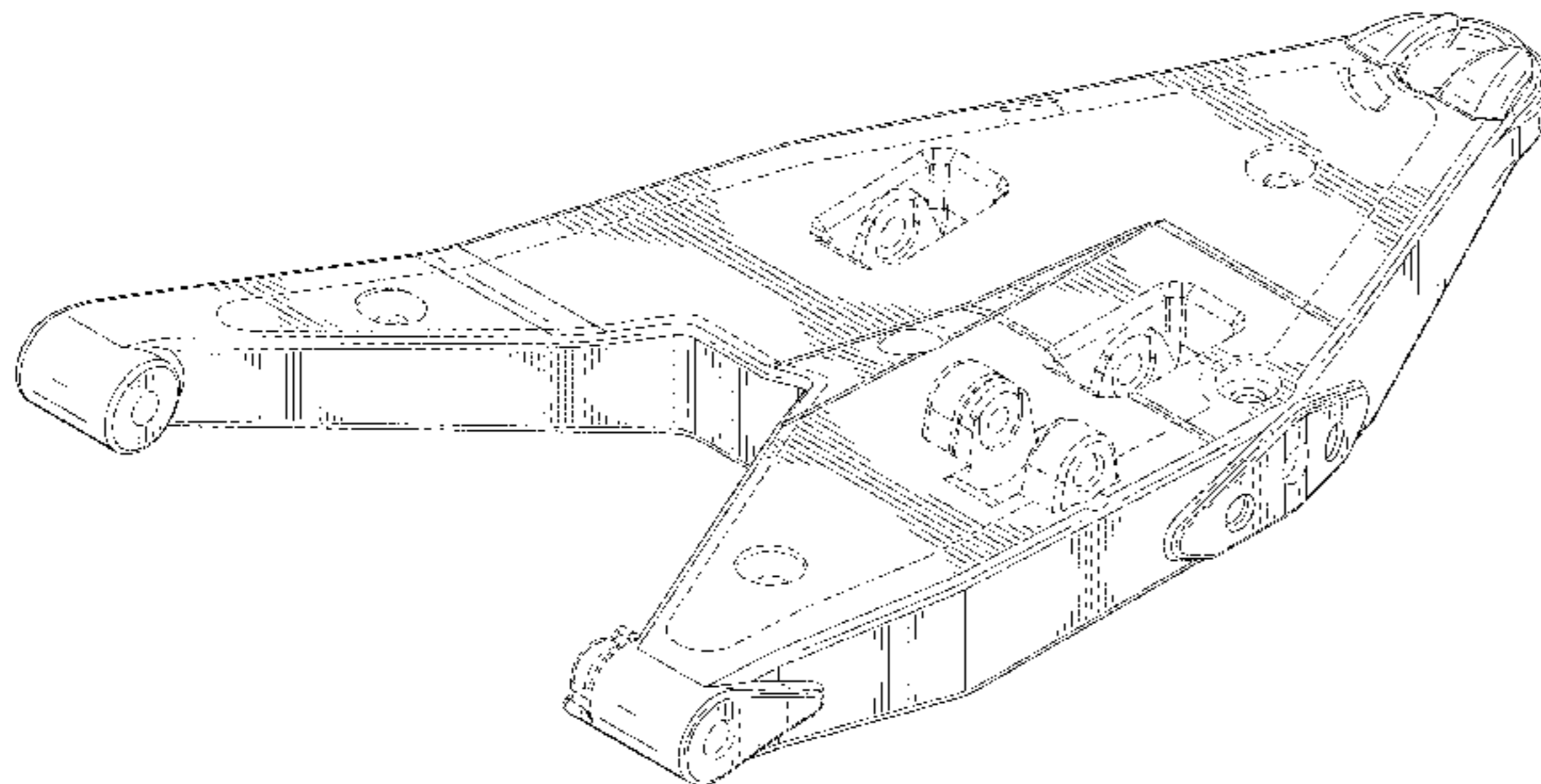
FIG. 8 is a lower, left, front perspective view; and,

FIG. 9 is a lower, left, front perspective view thereof showing the lower front suspension arm for a model vehicle within a broken line environment of use.

In the drawings, the broken line showing of features of the lower front suspension arm for a model vehicle illustrate portions of the lower front suspension arm for a model vehicle that form no part of the claimed design; whereas, the broken lines showing a model vehicle in FIG. 9 are included to illustrate environmental structure and form no part of the claimed design.

In the drawings, only the first embodiment of a lower front suspension arm for a model vehicle is shown. The second embodiment of the claimed design is a right lower front suspension arm for a model vehicle, which is a mirror image of the left lower front suspension arm for a model vehicle disclosed in the first embodiment.

**1 Claim, 7 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... B60G 2200/1322; B60G 2200/14; B60G 2200/142; B60G 2200/1422; B60G 2200/1424; B60G 2200/1442; B60G 2200/156; B60G 2200/182; B60G 2200/22; B60G 2200/315

See application file for complete search history.

2006/0246819 A1\* 11/2006 Byers ..... A63H 17/262  
446/431  
2017/0050483 A1\* 2/2017 Gordon ..... B60G 7/001  
2017/0274932 A1\* 9/2017 Byrnes, Jr. .... B60G 3/20  
2018/0312025 A1\* 11/2018 Danielson ..... B60T 7/06  
2018/0326843 A1\* 11/2018 Danielson ..... F16H 57/035  
2019/0070919 A1\* 3/2019 Andou ..... B60G 3/202  
2019/0143871 A1\* 5/2019 Weber ..... B60P 1/04  
2019/0145465 A1\* 5/2019 Olason ..... F16D 3/223  
2019/0217894 A1\* 7/2019 Upah ..... B62D 21/155  
2019/0225042 A1\* 7/2019 Upah ..... B60G 3/207

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,186,486 A \* 2/1993 Hynds ..... B60G 17/0157  
267/277  
D335,851 S \* 5/1993 Lofy ..... D12/159  
5,516,130 A \* 5/1996 Mitchell ..... B60G 3/20  
280/124.134  
D385,835 S \* 11/1997 Webster ..... D12/159  
5,915,727 A \* 6/1999 Bonnville ..... B60G 7/02  
280/124.1  
5,938,219 A \* 8/1999 Hayami ..... B60G 3/20  
280/124.135  
D475,001 S \* 5/2003 Roll ..... D12/159  
8,549,752 B1 \* 10/2013 Byers ..... B21D 53/28  
D779,392 S \* 2/2017 Hare ..... D12/159  
D785,513 S \* 5/2017 Park ..... D12/159  
D788,653 S \* 6/2017 Smith ..... D12/159  
D827,054 S \* 8/2018 Ewing ..... D21/561  
10,266,025 B2 \* 4/2019 Lorenz ..... B60G 11/27  
D852,095 S \* 6/2019 Walter ..... D12/162  
2006/0108763 A1\* 5/2006 Ray ..... B60G 3/20  
280/124.136

FOREIGN PATENT DOCUMENTS

EP 0070025 A2 \* 1/1983 ..... B60G 3/145  
EP 3271195 B1 \* 5/2019 ..... B60G 7/02  
WO WO-2010066226 A1 \* 6/2010 ..... B60G 7/001

OTHER PUBLICATIONS

CN-304110963, posted at Orbit.com, publication date Apr. 19, 2017. Site visited Apr. 12, 2019. Available from Internet. (Year: 2017).\*

ARTINCbydb, Traxxas E-Revo Upper/Lower Arm Replacement, posted at YouTube, posting date Feb. 4, 2013. Site visited Apr. 12, 2019. URL: <<https://www.youtube.com/watch?v=fGMtjrezT0>> (Year: 2013).\*

1 Pair TRAXXAS 1/7 UDR Front Lower Suspension Arm, posted at DHgate, posting date not available. Site visited Apr. 12, 2019. URL: <<https://www.dhgate.com/product/1pair-traxxas-1-7-udr-front-lower-suspension/419899127.html>>.\*

\* cited by examiner

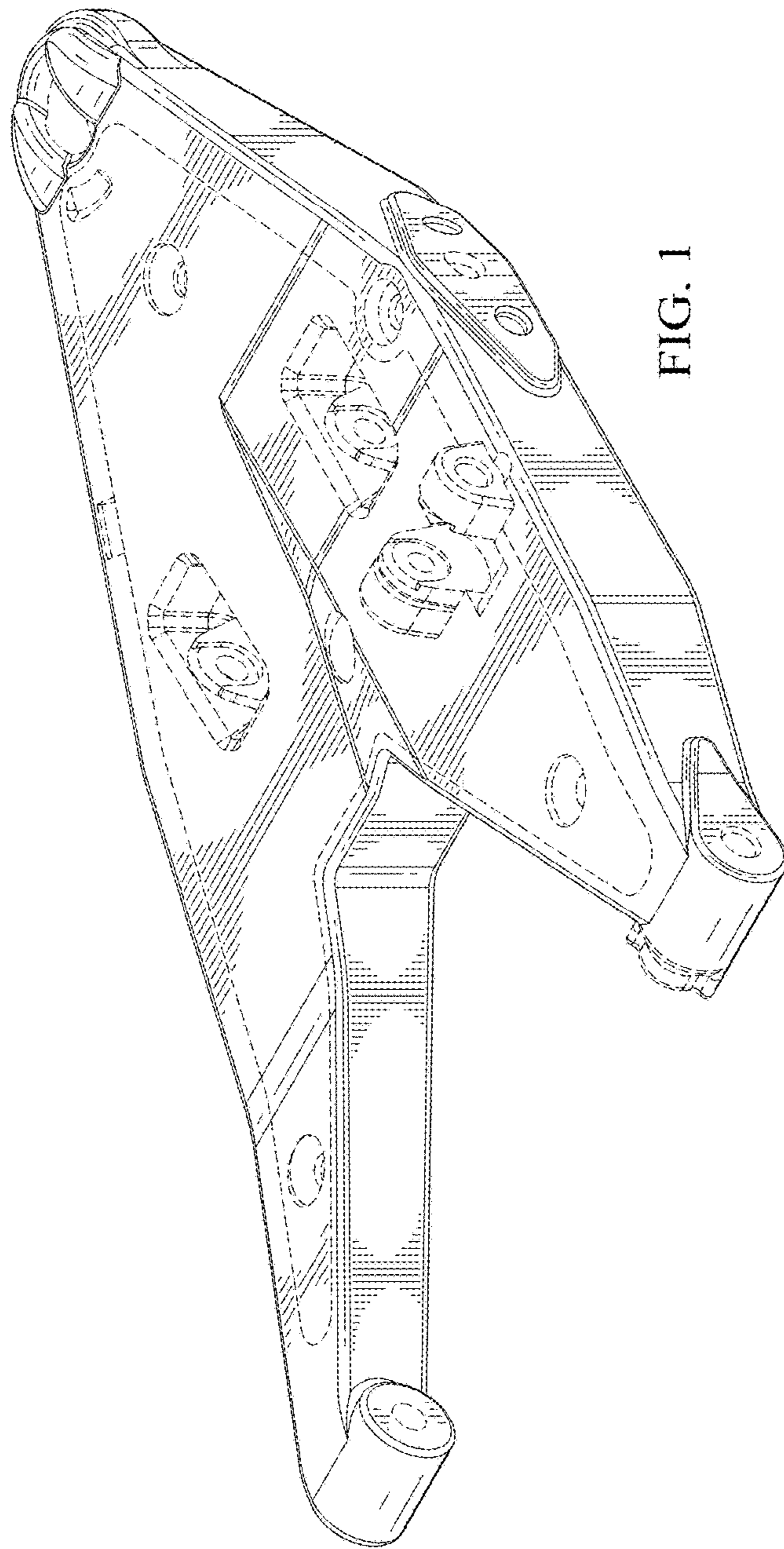


FIG. 1

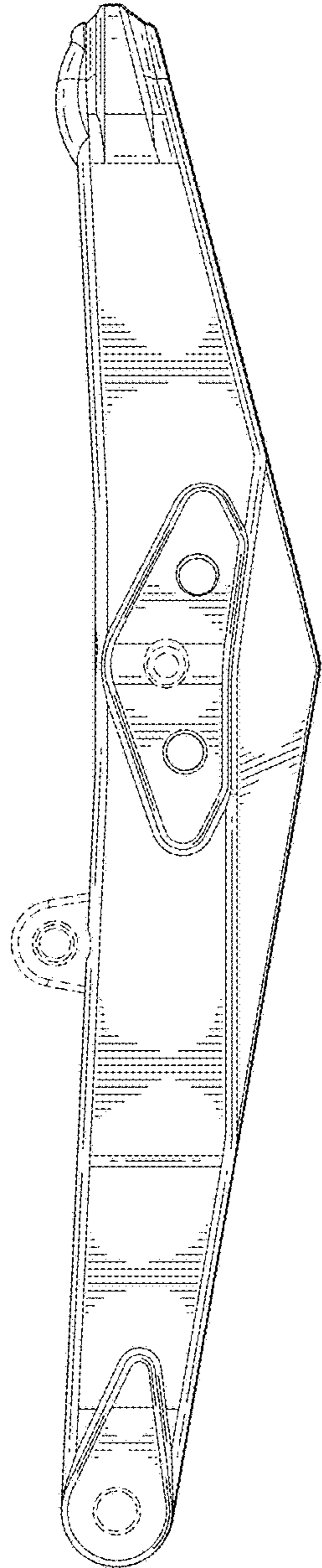


FIG. 2

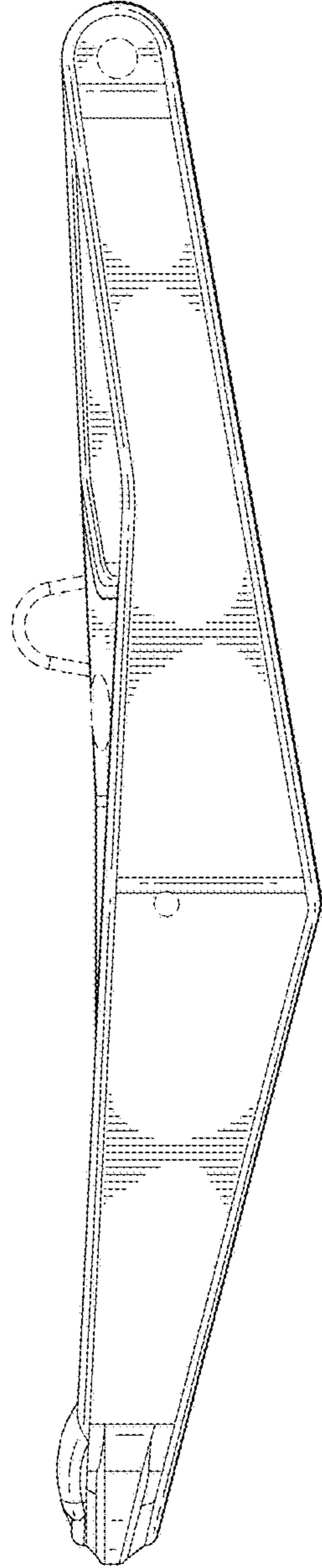


FIG. 3

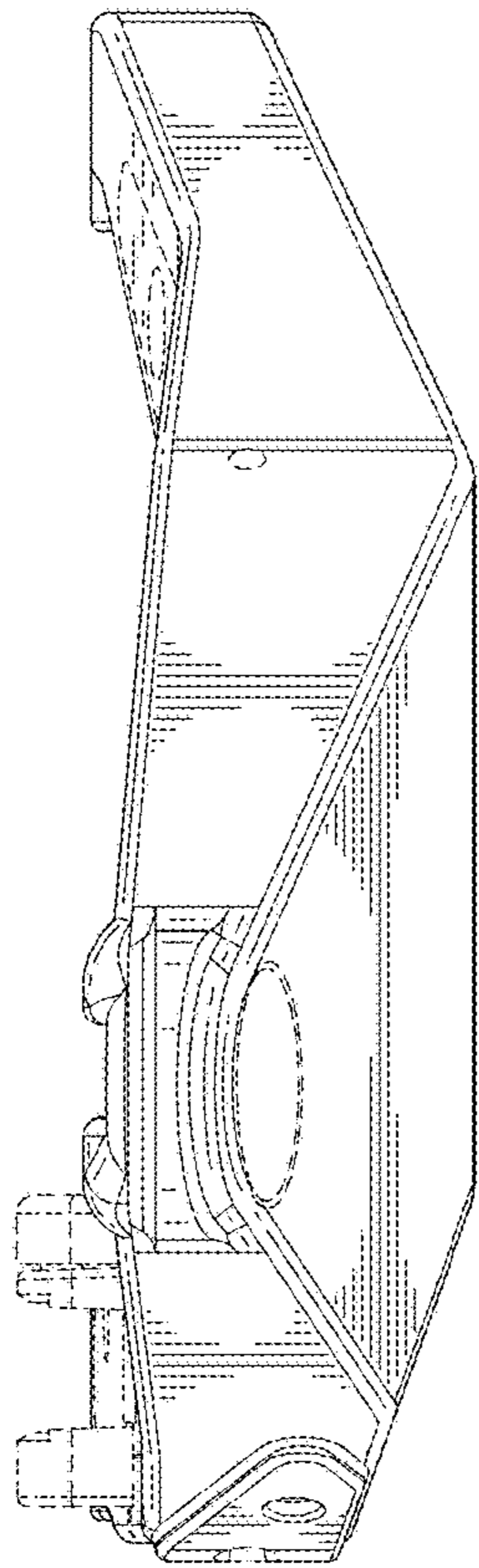


FIG. 4

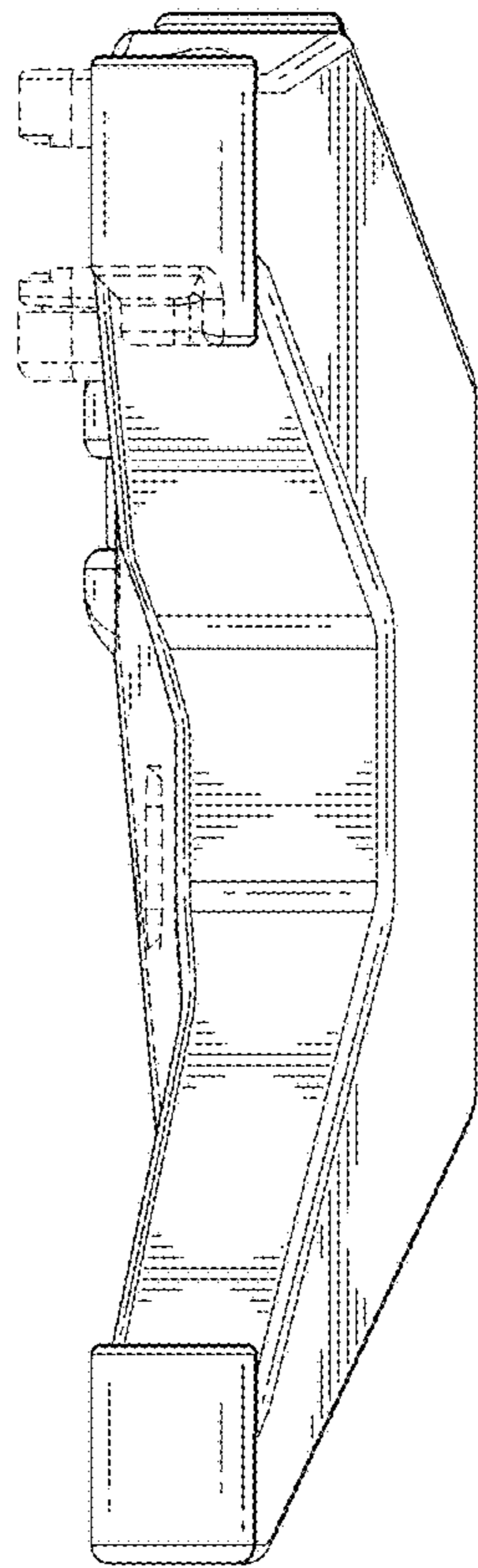


FIG. 5

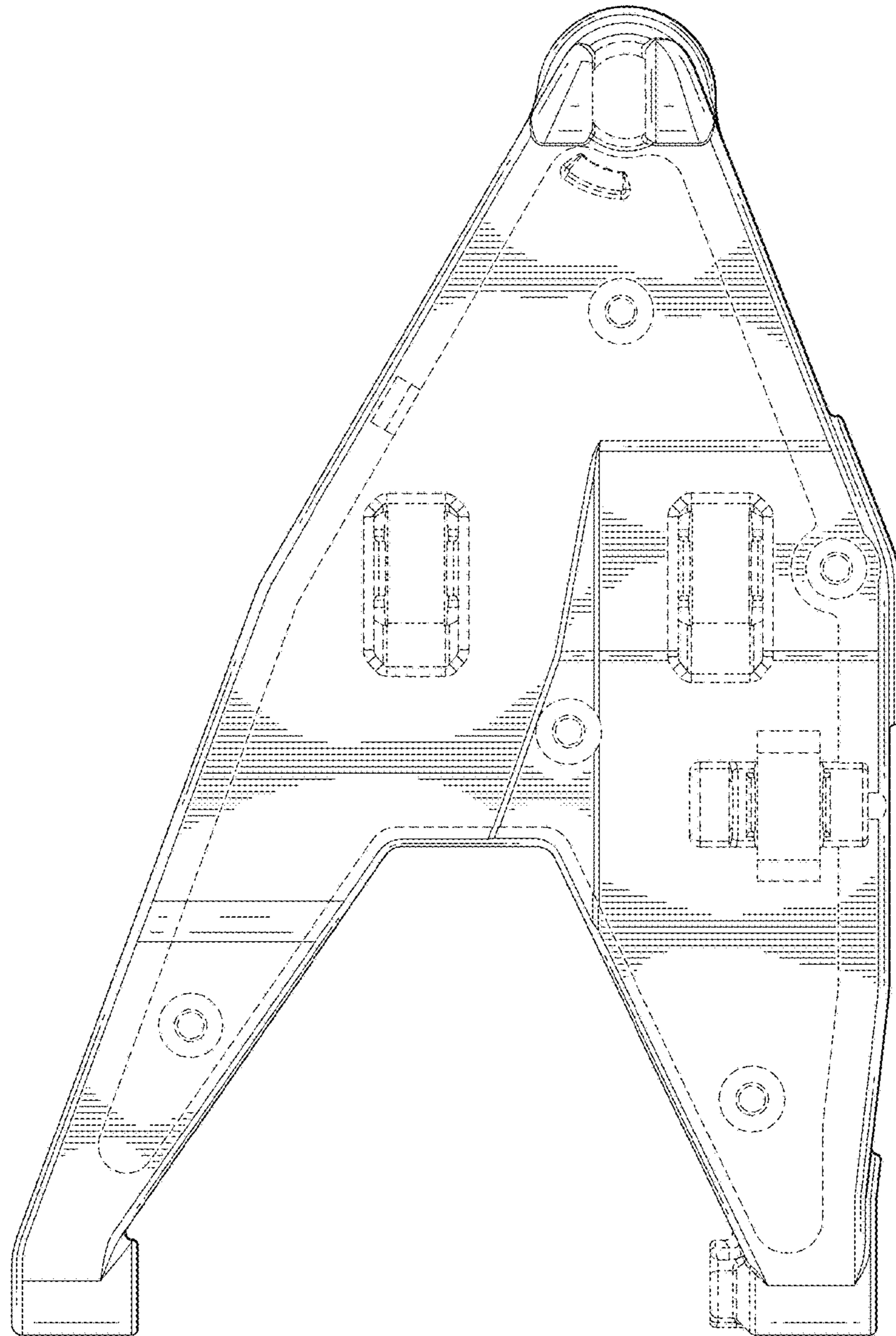


FIG. 6

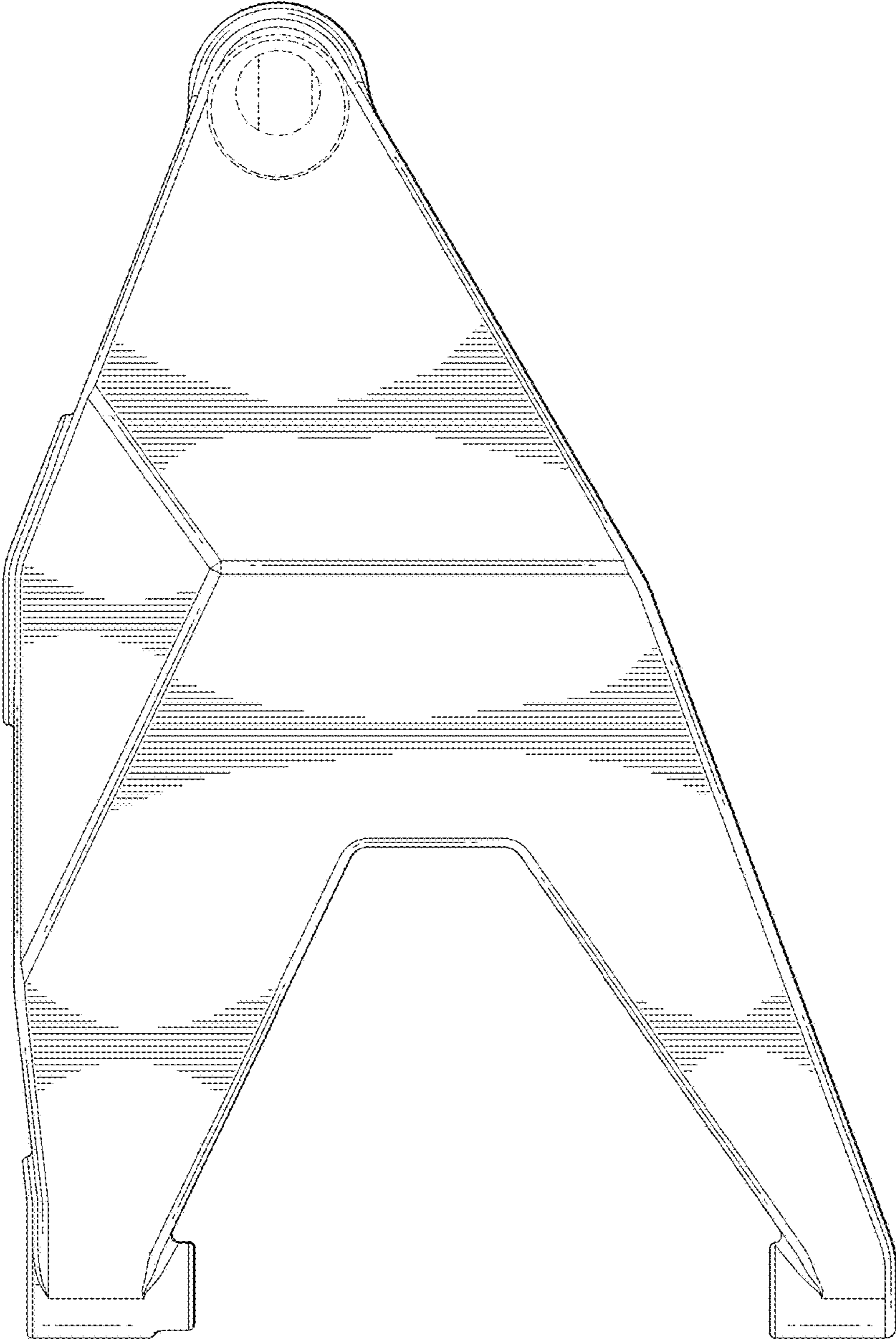


FIG. 7

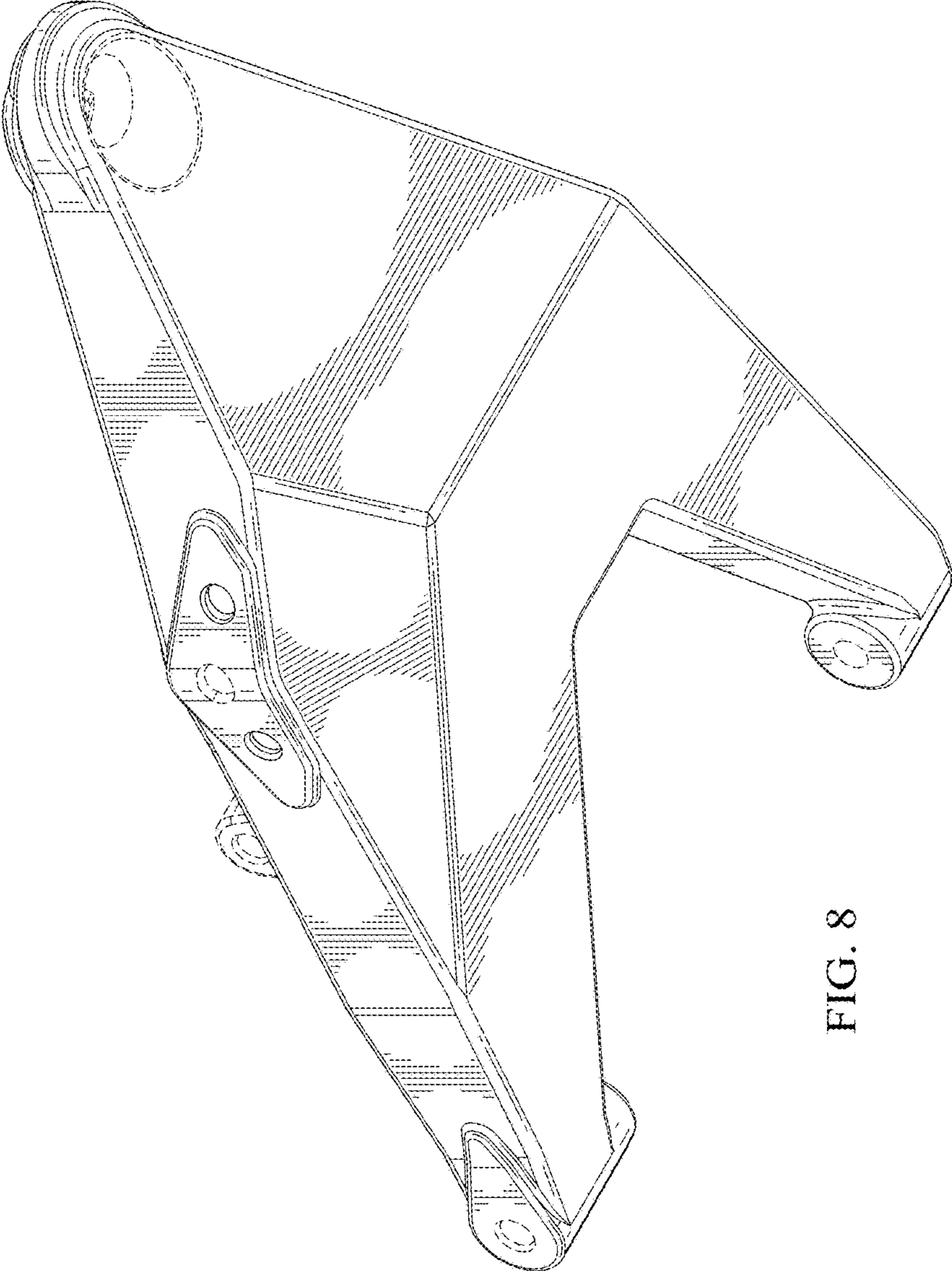


FIG. 8



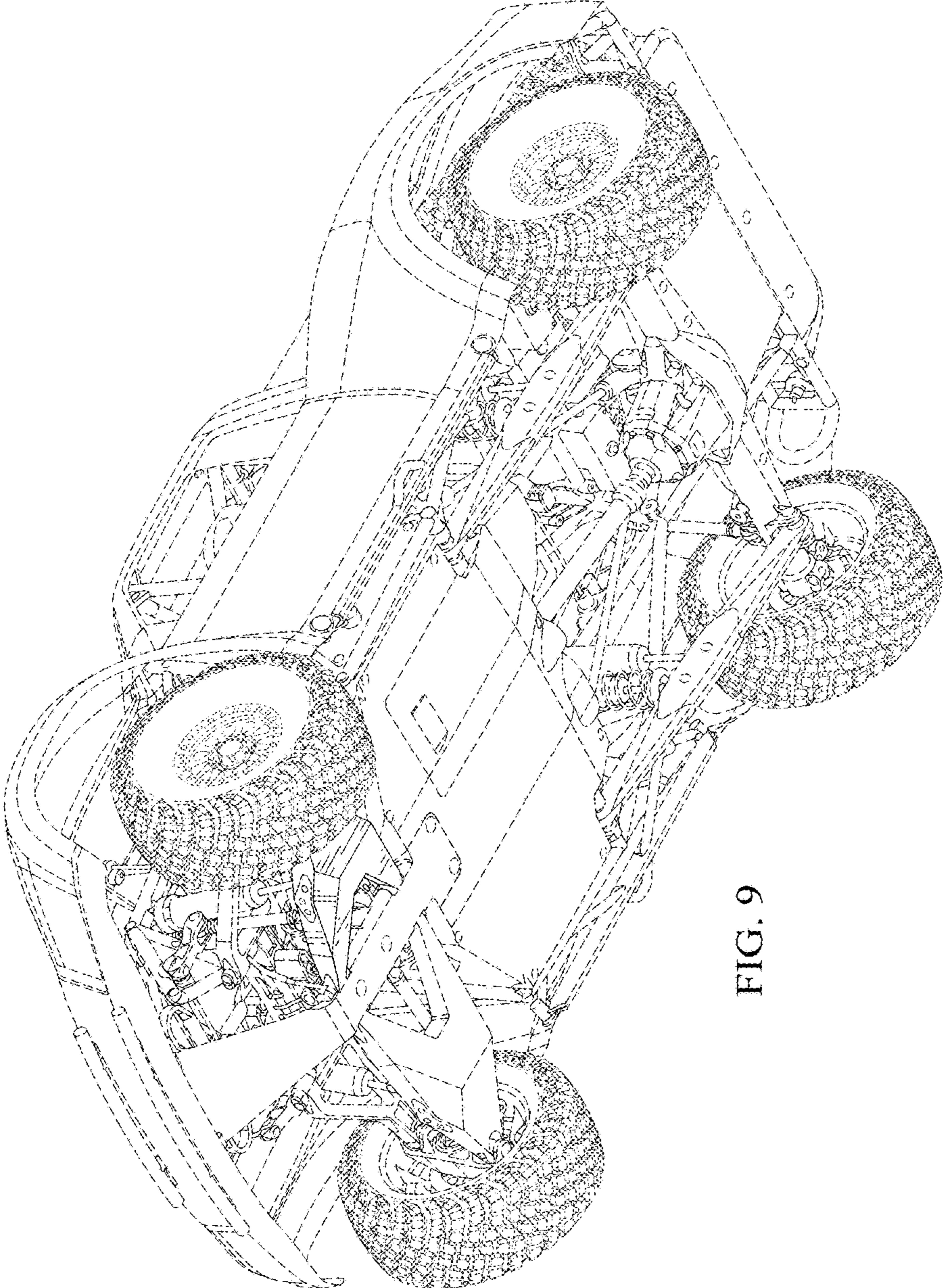


FIG. 9