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(54) MODEL VEHICLE PLATFORM ASSEMBLY

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- (**) Term: **15 Years**

- (21) Appl. No.: **29/900,839**
- (22) Filed: **Aug. 25, 2023**
- (51) **LOC (15) Cl.** **21-01**
- (52) **U.S. Cl.**
USPC **D21/562**; D21/561; D21/533
- (58) **Field of Classification Search**
USPC D21/562, 548, 533, 424, 550, 552, 560, D21/578, 427, 433, 495, 561, 549, 551; D12/82, 83, 93
CPC ... A63H 17/262; A63H 17/004; A63H 17/002
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D42,406 S	4/1912	Trego
D58,959 S	9/1921	Wendland
D219,362 S	12/1970	Snyder
3,829,117 A	8/1974	Park
D250,465 S	12/1978	Morrison
D300,913 S	5/1989	Kamaya
D309,930 S	8/1990	Asaeda
(Continued)		

FOREIGN PATENT DOCUMENTS

CN	306655387	*	7/2021
CN	307471507	*	7/2022
(Continued)			

OTHER PUBLICATIONS

Amazon Website, Yyqtgg Car Chassis, Earliest Available Date: Apr. 26, 2021[Website Visited Apr. 11, 2025]Available on the Internet URL <https://www.amazon.com/dp/B093H9SMTY> (Year: 2021).*

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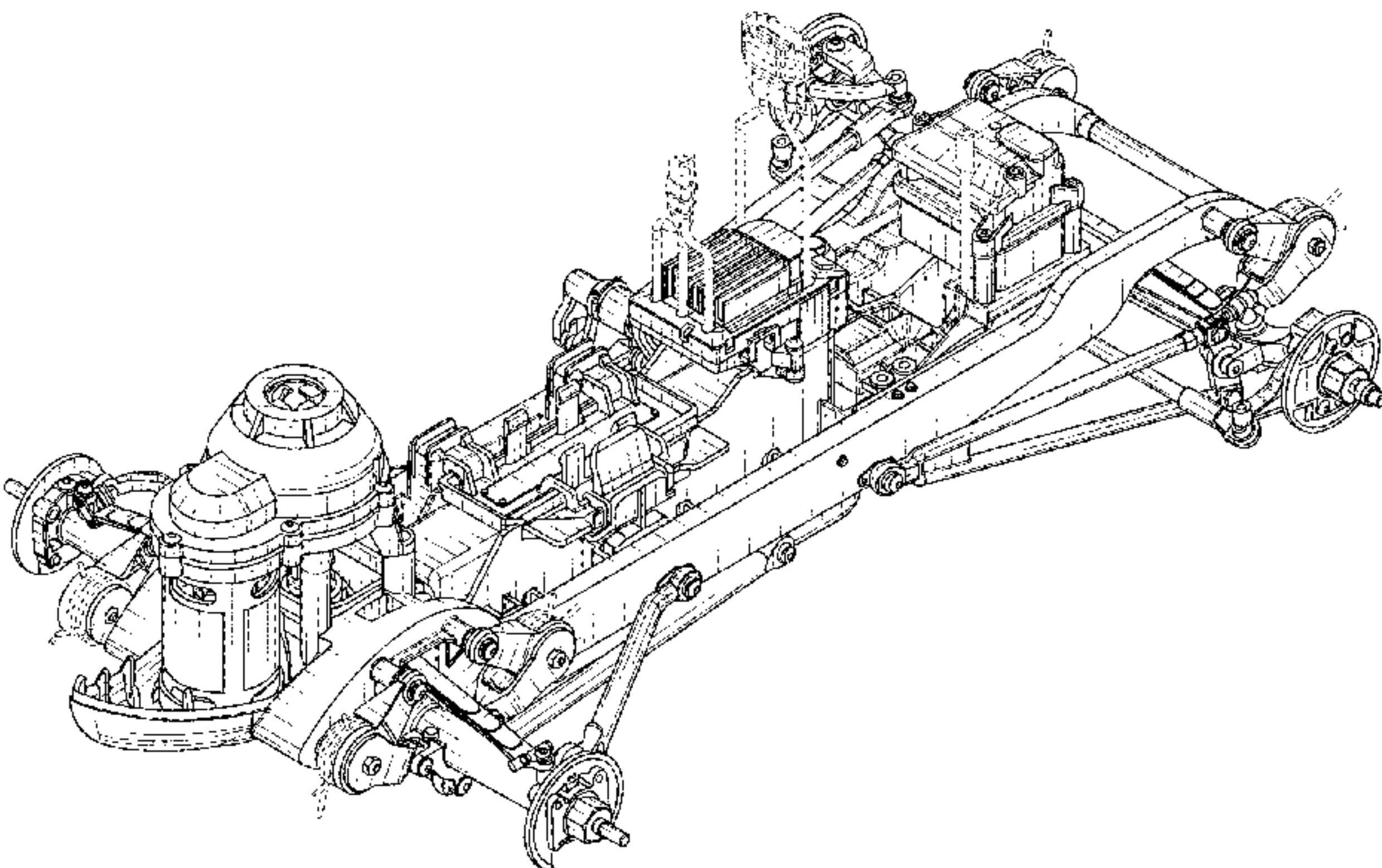
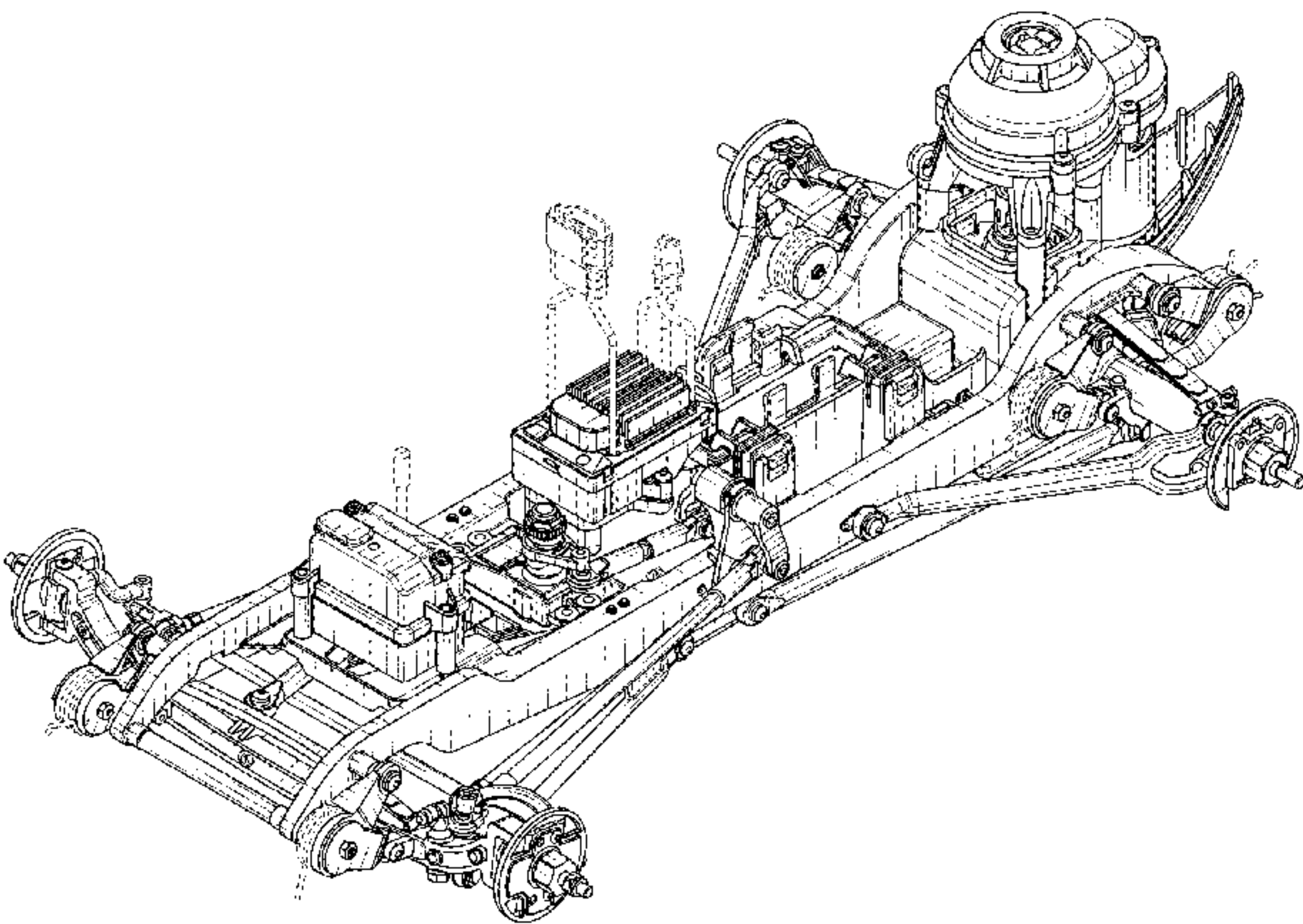
(57) **CLAIM**

The ornamental design for a model vehicle platform assembly as shown and described.

DESCRIPTION

FIG. 1 is an upper, left, front perspective view of a model vehicle platform assembly showing our new design; FIG. 2 is an upper, right, rear perspective view thereof; FIG. 3 is a lower, right, front perspective view thereof; FIG. 4 is a lower, left, rear perspective view thereof; FIG. 5 is a front elevation view thereof; FIG. 6 is a rear elevation view thereof; FIG. 7 is an upper plan view thereof; FIG. 8 is a lower plan view thereof; FIG. 9 is a right-side elevation view thereof; and, FIG. 10 is a left-side elevation view of the model vehicle platform assembly. In the drawings, the broken lines illustrate portions of the model vehicle platform assembly that form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D317,336 S 6/1991 Tsuchiya
5,131,701 A 7/1992 Stepniewski
D332,978 S * 2/1993 Tsuchiya D21/562
D332,979 S 2/1993 Tsuchiya
D348,911 S 7/1994 Herrick et al.
5,338,247 A 8/1994 Miles
D365,572 S 12/1995 Cerny et al.
D375,037 S 10/1996 Toenders
D403,023 S 12/1998 Araki
D411,263 S 6/1999 Korsholm
D412,478 S 8/1999 Chen
D475,001 S 5/2003 Roll
D477,268 S 7/2003 Baynes
6,595,534 B1 7/2003 Wachauer
D493,848 S 8/2004 Dunst
6,793,227 B1 9/2004 Weisgerber et al.
D503,658 S 4/2005 Lu
D513,223 S 12/2005 Saito et al.
D521,572 S 5/2006 Yuen
D521,899 S 5/2006 Walden
D523,775 S 6/2006 Walden
D523,776 S 6/2006 Walden
D524,880 S 7/2006 Yuen
D534,593 S 1/2007 Yuen
D538,861 S 3/2007 Takahashi
D545,246 S 6/2007 Kroeker
D545,721 S 7/2007 Hacker et al.
D548,138 S * 8/2007 Geslin D12/87
D549,787 S 8/2007 Chen
D550,311 S 9/2007 Chen
7,281,600 B2 10/2007 Chernoff et al.
D556,648 S 12/2007 Nelson et al.
D564,410 S 3/2008 Lepage
D567,886 S 4/2008 Lampert et al.
D570,735 S * 6/2008 Ogiwara D15/3
D577,083 S 9/2008 Nakayama
D586,695 S 2/2009 Burns
D586,696 S 2/2009 Burns
D593,616 S * 6/2009 Asai D21/562
D597,151 S * 7/2009 Ishikawa D21/562
D639,207 S 6/2011 Danisi
D642,090 S 7/2011 Karacabey et al.
D642,091 S 7/2011 Karacabey et al.
D642,960 S 8/2011 Berrier
D647,002 S 10/2011 Mullen
D648,250 S 11/2011 Nosworthy
D651,133 S 12/2011 Liebl
D651,947 S 1/2012 Hsu
D655,236 S 3/2012 Sanschagrin
D655,668 S 3/2012 Levorato et al.
8,141,904 B2 3/2012 Akaki et al.
D681,542 S 5/2013 Oliver
D690,372 S 9/2013 Fujiwara
D691,523 S 10/2013 Waugh et al.
8,727,380 B2 5/2014 Akaki et al.
8,807,597 B2 8/2014 Akaki et al.
D722,542 S 2/2015 Ikeda
D727,802 S 4/2015 Sung et al.
D758,281 S 6/2016 Galloway
D761,713 S 7/2016 Hensley
D766,157 S 9/2016 Reynolds et al.
D778,784 S 2/2017 Hirooka
D780,643 S 3/2017 Hare
D781,207 S 3/2017 Johnson
D783,502 S 4/2017 Hensley
D783,503 S 4/2017 Hensley
D783,726 S 4/2017 Williams et al.
D795,781 S 8/2017 Itou et al.
D802,685 S 11/2017 Barajas et al.
D810,148 S 2/2018 Loew et al.
D816,009 S 4/2018 Reynolds et al.
D818,415 S 5/2018 Haws
D820,072 S 6/2018 Choi
D820,736 S 6/2018 Vaarsi
D822,126 S * 7/2018 Allmendinger D21/562

D826,831 S 8/2018 Eck et al.
D828,274 S 9/2018 Itou et al.
D829,831 S 10/2018 Redlin et al.
D836,501 S 12/2018 Mori
D844,070 S * 3/2019 Christensen D21/562
D851,183 S 6/2019 Wood et al.
D863,171 S 10/2019 Harriton et al.
D866,618 S 11/2019 Wilhelmi
D867,475 S 11/2019 Ewing et al.
D875,848 S 2/2020 Wood et al.
D899,918 S 10/2020 Sprowl et al.
D902,088 S 11/2020 Nakamura et al.
11,058,275 B2 7/2021 Hopkins et al.
D930,760 S 9/2021 Ewing et al.
D935,532 S 11/2021 Ewing
D940,254 S 1/2022 Lin
D952,051 S 5/2022 Xu
D952,052 S 5/2022 Xu
D956,886 S * 7/2022 Xing D21/562
D963,053 S 9/2022 Ho
D964,482 S * 9/2022 Ewing D21/562
D966,952 S 10/2022 Boaz et al.
D967,288 S 10/2022 Li
D975,204 S 1/2023 Xu
D992,049 S 7/2023 Yang et al.
D998,721 S 9/2023 Ewing et al.
D1,004,714 S 11/2023 Ewing et al.
D1,005,403 S 11/2023 Christensen et al.
D1,010,021 S 1/2024 Christensen et al.
D1,016,180 S 2/2024 Allmendinger et al.
D1,020,915 S * 4/2024 Christensen D21/562
D1,037,371 S * 7/2024 Ewing D21/562
D1,040,252 S 8/2024 Ewing et al.
12,065,009 B2 8/2024 Connell et al.
D1,051,246 S * 11/2024 Ewing D21/562
2013/0117960 A1 5/2013 Lee
2013/0168939 A1 7/2013 Buschjohann et al.
2014/0227941 A1 * 8/2014 Suzuki A63H 17/36
446/456
2017/0080350 A1 3/2017 Allmendinger et al.
2018/0070789 A1 3/2018 LaBarbera et al.
2018/0127035 A1 5/2018 Marleau et al.
2019/0022540 A1 1/2019 Chu
2020/0269643 A1 8/2020 Tsai
2021/0046395 A1 2/2021 Allmendinger et al.
2021/0283517 A1 9/2021 Rydwell
2023/0211247 A1 7/2023 Ryan
2023/0219010 A1 7/2023 Christensen et al.
2024/0115965 A1 4/2024 Christensen et al.
2024/0207749 A1 6/2024 Christensen et al.

FOREIGN PATENT DOCUMENTS

EM 008305460-0004 12/2020
EM 008305460-0005 12/2020
EM 015009705-0003 2/2023
EM 015009705-0009 2/2023
GB 6348345 * 3/2024

OTHER PUBLICATIONS

Amazon Website, GTB Car Body Chassis, Earliest Comment Date: Sep. 11, 2021[Website Visited Apr. 11, 2025]Available on the Internet URL <https://www.amazon.com/dp/B08JM1VNYV/> (Year: 2021).*

Amazon Website, ShareGoo Body Chassis, No Available Date[Website Visited Apr. 11, 2025]Available on the Internet URL <https://www.amazon.com/dp/B0C9T32QJ2/> (Year: 2025).*

Jegs Main Chassis (Buggy/Stadium Truck), as shown in www.jegs.com, no date listed, date found, Jun. 11, 2024, Part # 555-44866. (Year: 2024).

Tamiya TT-02 Lower Deck Chassis, as shown in www.hobbytown.com, Apr. 22, 2021, Part # TAM51532. (Year: 2021).

Team Associated Chassis 71024, no date listed, date found Jun. 11, 2024, ASIN B07B6HMRGM. (Year: 2024).

(56)

References Cited

OTHER PUBLICATIONS

Team Associated Reflex 14R Chassis, as shown in www.hobbytown.com, Dec. 6, 2022, Part #ASC21570. (Year: 2022).

Axial SCX10 II 2000 Jeep Cherokee 1/10th Scale Electric 4WD—RTR; <http://www.axialracing.com/products/ax90047>; Aug. 2016.

Axial SCX10 Deadbolt 1/10th Scale Electric 4WD—RTR; <http://www.axialracing.com/products/ax90044>; Aug. 2016.

Tibus Off-Road Engineering; Land Rover Defender; <http://www.tibus-offroad.com/en/products/bolt-on-portals/land-rover/>; Aug. 2016.

HPI Racing; HPI Venture FJ Cruiser; <http://www.hpiracing.com/en/article/view/2016012702>; Aug. 2016.

Traxxas; Slash 4x4 Overview; Oct. 2009.

Tamiya 58647 1:10 RC M-07 Con. WB225/239 Remote Control Car Vehicle Model, Sep. 15, 2017, Amazon.co.uk, Sep. 22, 2021, URL: <https://www.amazon.co.uk/Tamiya-M-07-Concept-Chassis-58647/dp/B06ZY297CC> (Year: 2017).

Tamiya 57986" 1:10 RC TT-02 Chassis First Try On-Road Vehicle, Aug. 19, 2016, Amazon.co.uk, Sep. 22, 2021, URL: <https://www.amazon.co.uk/Tamiya-57986-10-RC-Chassis-First/dp/B01JLF7GB0> (Year: 2016).

Newrice Remote Control Car Building Blocks Kit, 1:12 Scale Moc Off-Road Vehicle, May 25, 2021, Amazon.co.uk, Sep. 22, 2021, URL: <https://www.amazon.co.uk/NEWRICE-Remote-Control-Building-Blocks/dp/B0912YKHM4> (Year: 2021).

New Heavy-Duty Chassis Brace, available on traxxas.com, published Aug. 26, 2020, [site visited Jan. 24, 2022], URL: <https://traxxas.com/news/new-chassis-brace> (Year: 2020).

Traxxas Heavy-Duty Chassis Brace, available on rccaraction.com, updated Aug. 27, 2020, [site visited Jan. 24, 2022], URL: <https://www.rccaraction.com/traxxas-heavy-duty-chassis-brace-for-the-slash-4x4-rustler-4x4> (Year: 2020).

HD Chassis Brace, available on web.archive.org, captured Sep. 27, 2020, [site visited Jan. 24, 2022], URL: <https://web.archive.org/web/20200927005210/https://traxxas.com/products/parts/6730X?t=overview> (Year: 2020).

RC Update—Traxxas Heavy-Duty Chassis Brace, available on Youtube.com, date posted Sep. 15, 2020, [site visited Jan. 24, 2022], URL: <https://www.youtube.com/watch?v=jDGkrXluKyY> (Year: 2020).

Traxxas Rustler/Slash 4x4 LCG Chassis, available on hobbytown.com, product added to catalog Feb. 17, 2021, [site visited Jan. 24, 2022], URL: <https://www.hobbytown.com/traxxas-rustler-slash-4x4-lcg-chassis-brace-kit-green-tra6730g/p1254464> (Year: 2021).

Traxxas 6730G—Chassis Brace Kit, available on amazon.com, oldest customer review Apr. 12, 2021, [site visited Jan. 24, 2022], URL: <https://www.amazon.com/Traxxas-6730G-Chassis-Brace-Aluminum/dp/B08P6V5M9B/> (Year: 2021).

Aluminum Center Brace Bar & Mount, available on amazon.com, [site visited Jan. 24, 2022], URL: <https://www.amazon.com/Aluminum-Center-Brace-Traxxas-90076-4/dp/B08P4TJ73J> (Year: 2022).

Cusco Front Power Brace, available on tf-works.com, [site visited Jan. 24, 2022], URL: <https://www.tf-works.com/cusco-front-power-brace-for-2013-scion-frs-subaru-brz/> (Year: 2022).

Traxxas Slash 4x4 (LCG) Chassis Brace, available on ebay.com, last updated Mar. 3, 2021, [site visited Jan. 24, 2022], URL: <https://www.ebay.com/itm/392047539576> (Year: 2021).

Cusco Body Reinforcement Parts for Toyota GR Yaris, available on easycars.jp, [site visited Jan. 24, 2022], URL: <https://easycars.jp/product/cusco-bodye-for-toyota-gr-yaris/> (Year: 2022).

TBR Aluminum T2T Tower to Tower, available on tboneracing.net, oldest customer review Oct. 2, 2019, [site visited Jan. 24, 2022], URL: <https://tboneracing.net/products/10109-tbr-aluminum-t2t-tower-to-tower-brace-arrma-kraton-talion-6s-blx> (Year: 2019).

Chassis Brace Kit Blue, available on amazon.com, oldest customer review Dec. 5, 2020, [site visited Jan. 24, 2022], URL: <https://www.amazon.com/Traxxas-Chassis-Brace-KIT-Blue/dp/B08LCM122P/> (Year: 2020).

Traxxas Sledge Aluminum Chassis (Blue), as shown in www.hobbytown.com, Jun. 30, 2022 (Year: 2022).

Traxxas Sledge 6S Green Brushless 1:8 Auto RC Truggy 4WD (4WD) Ready to Run (RTR) 2.4GHz, as shown in www.amazon.com, Aug. 18, 2022, ASIN B0B59PV1C9 (Year: 2022).

1/8 Kraton 6S V5 4x4 BLX Speed Monster Truck With Spektrum Firma RTR, Red, as shown in www.arrma-rc.com, Jan. 13, 2021, Part # ARA8608V5T1. (Year: 2021).

Car Chassis 3D model, reviewed Sep. 27, 2017; retrieved from Internet Jan. 24, 2025; <https://www.cgtrader.com/3d-models/vehicle/vehicle-part/car-chassis> (Year: 2017).

Car Chassis Explained: Types, Functions and Components, published Jun. 21, 2024; retrieved from Internet Jan. 24, 2025; <https://autoprotoway.com/car-chassis/> (Year: 2024).

Crow, Sam—Understanding the Automotive Chassis System, last updated Apr. 4, 2024; retrieved from Internet Jan. 24, 2025; <https://discover.hubpages.com/autos/automotive-chassis-system> (Year: 2024).

Art Morrison Chassis—the Art of the Frame Game, published Aug. 24, 2018, retrieved from Internet Jan. 24, 2025; https://www.motortrend.com/how-to/art-morrison-chassis-art-frame-game/#google_vignette (Year: 2018).

Davis, Bridgett—AME Introduces New GT Sport Chassis For C1 Corvettes, published Aug. 18, 2015; retrieved from Internet Jan. 24, 2025; <https://www.lsxmag.com/news/new-products/ame-introduces-new-gt-sport-chassis-for-c1-corvettes> (Year: 2015).

Traxxas XRT 8S Extreme 4WD Brushless RTR Race Monster Truck (Green) w/TQi 2.4GHz Radio & TSM, as shown in www.hobbytown.com, earliest customer review Nov. 18, 2022. Part# TRA78086-4-GRN. (Year: 2022).

The Traxxas XRT 8S Extreme R/C Truck, as shown in www.youtube.com, Nov. 16, 2022. (Year: 2022).

Unboxing New Traxxas XRT and Immediately Bashing it, the RC Lab, as shown in www.youtube.com, Oct. 29, 2022. (Year: 2022).

Arrma RC Truck 1/10 Vorteks 4x4 3S BLX Stadium Truck RTR (Batteries and Charger Not Included), Red, ARA4305V3T1, as shown in www.amazon.com, Apr. 29, 2021, ASIN B092MNGMWM. (Year: 2021).

1/10 Kraton 4x4 4S V2 BLX Speed Monster Truck RTR, as shown in www.sheldonshobbies.com, Nov. 30, 2023. (Year: 2023).

New Epic RC Car! Traxxas XRT! Not an X-Maxx, RCDriver_Online, as shown in www.youtube.com, Oct. 26, 2022. (Year: 2022).

Chassis/ adapter, center driveshaft cover, Traxxas, posted date unknown [online], [retrieved Aug. 29, 2024]. Retrieved from internet, <https://traxxas.com/products/parts/10122> (Year: 2024).

Lower Chassis for Traxxas, TRA3722, BMI Karts and Parts, posted date unknown [online], retrieved [Aug. 29, 2024]. Retrieved from internet, https://www.bmikarts.com/Lower-Chassis-for-Traxxas_p_31398.html (Year: 2024).

* cited by examiner

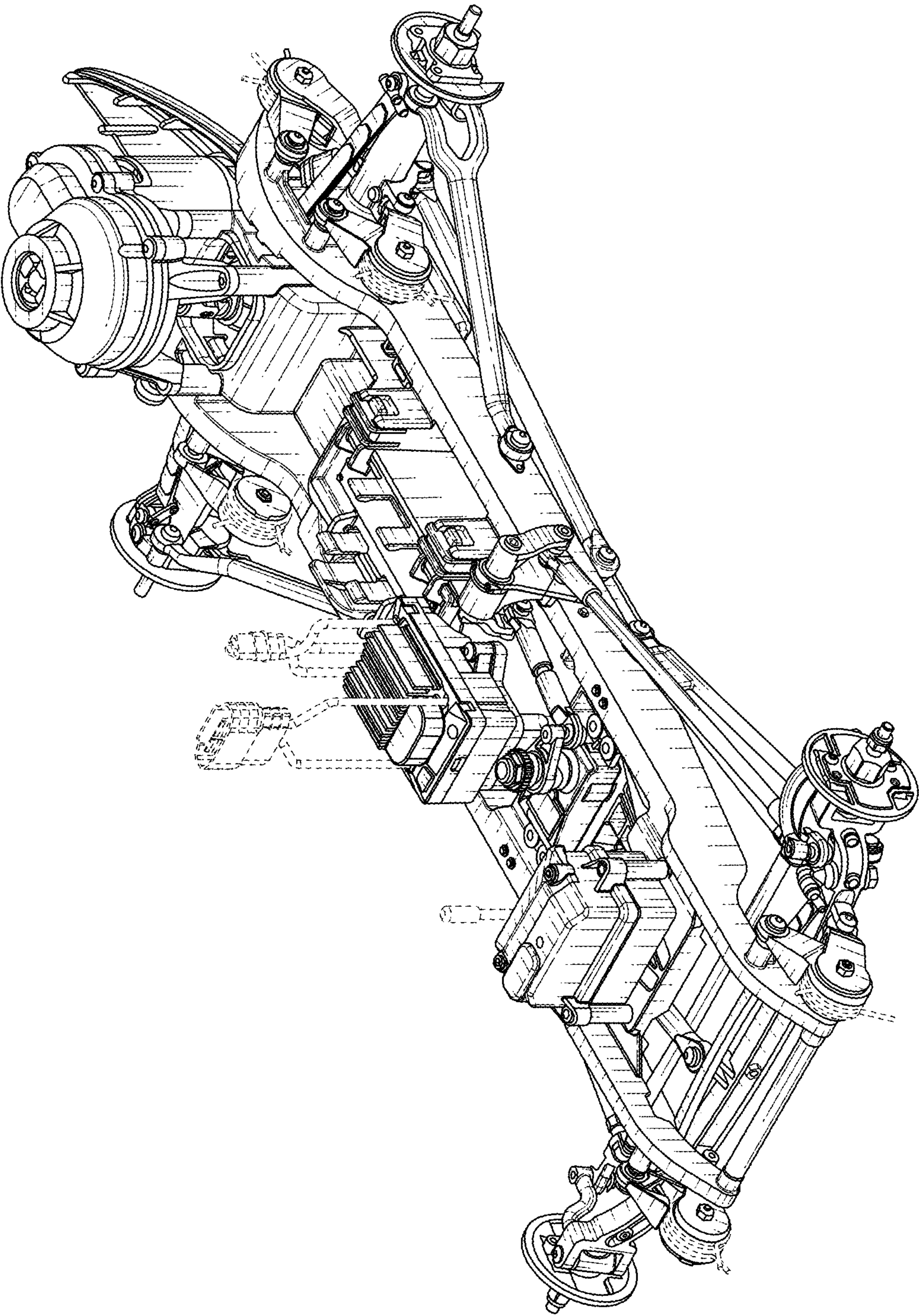


FIG. 1

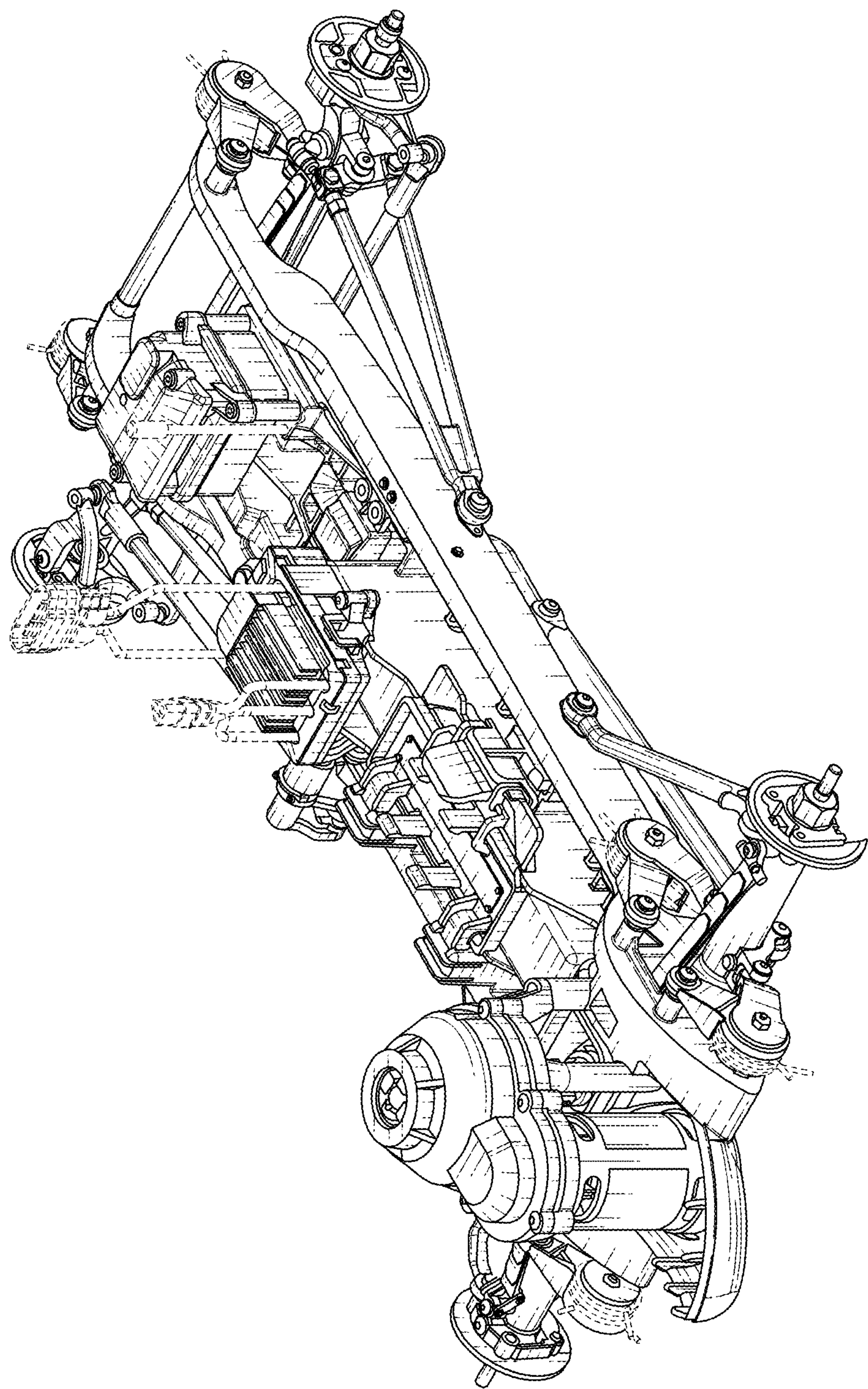


FIG. 2

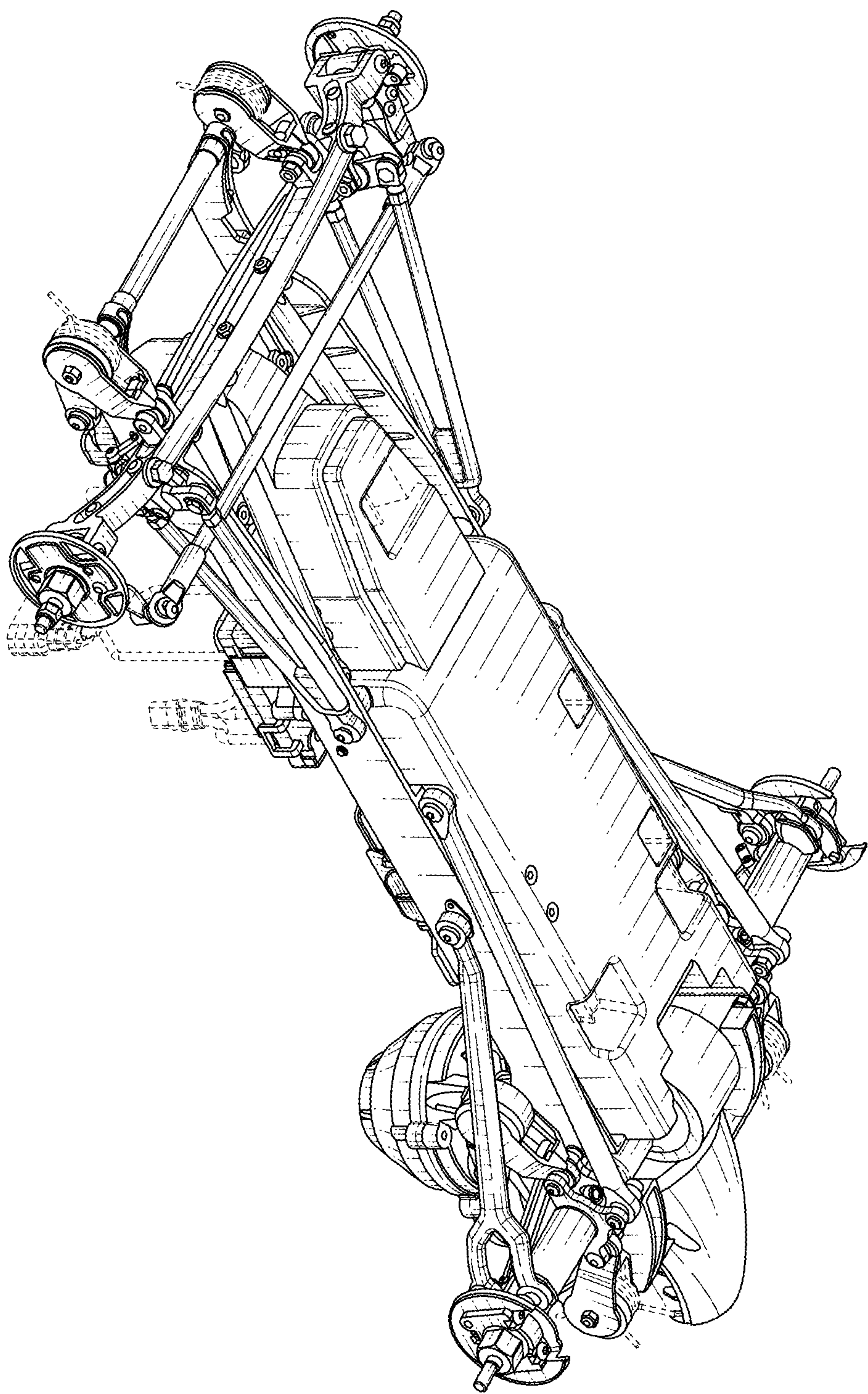


FIG. 3

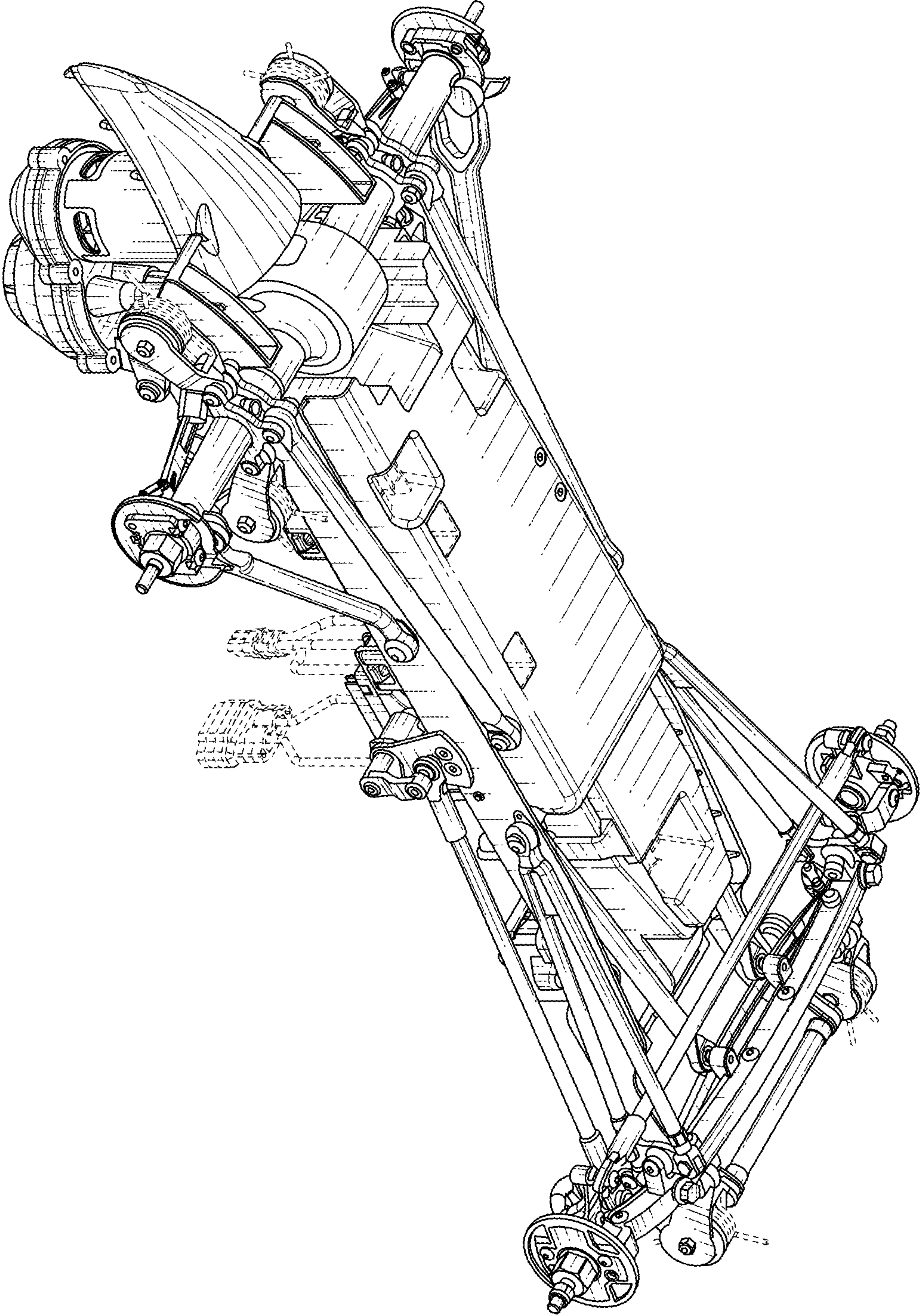


FIG. 4

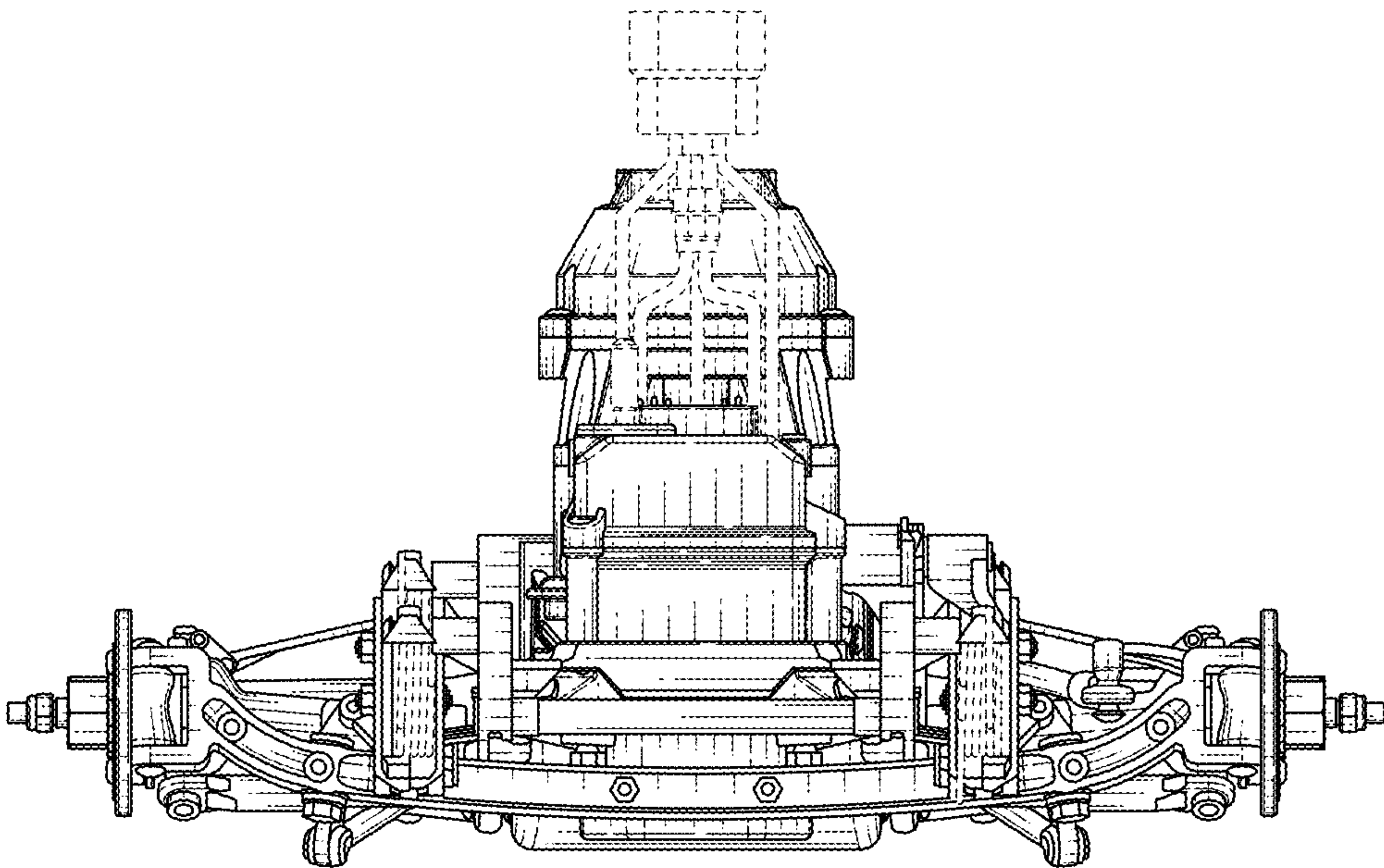


FIG. 5

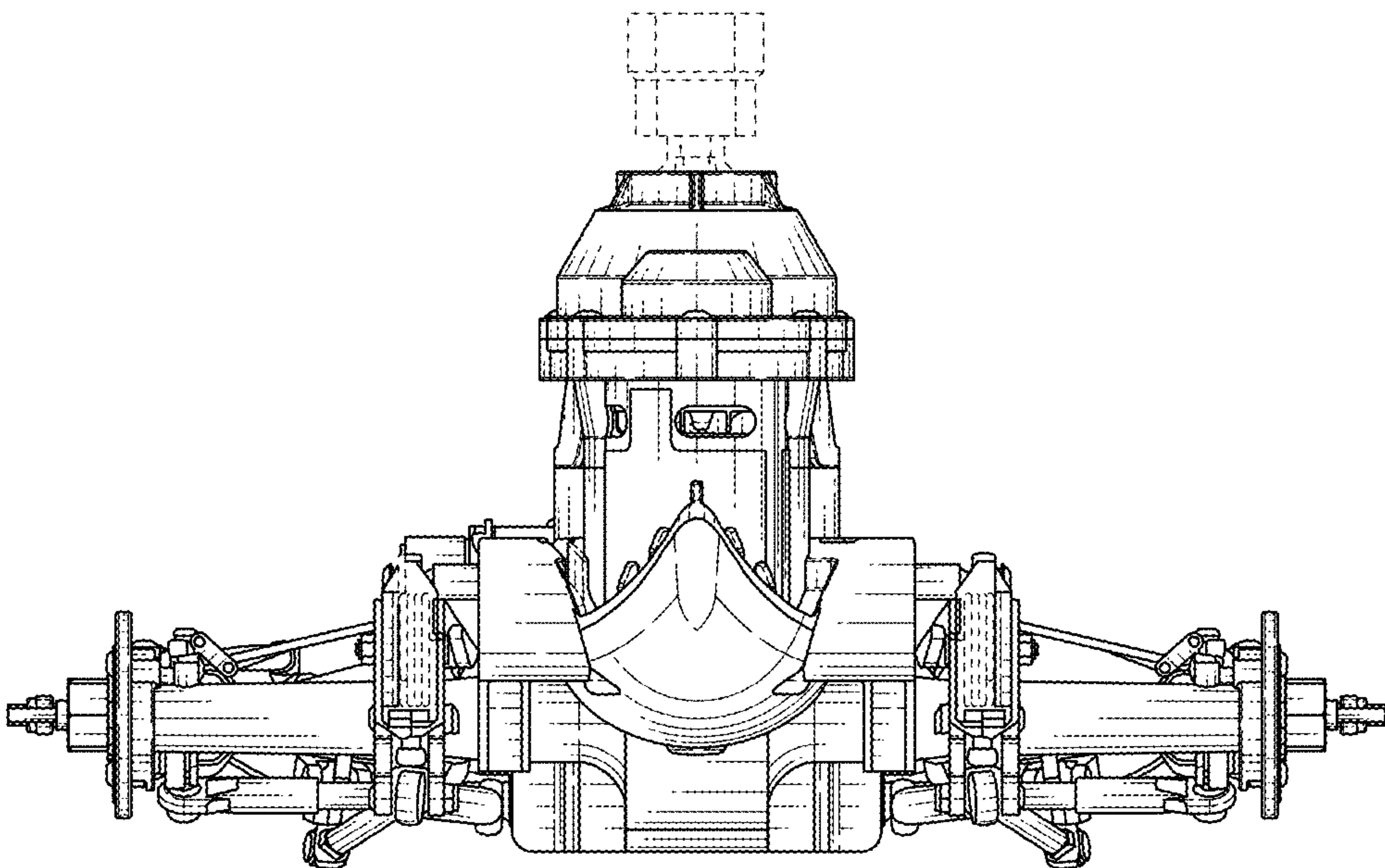


FIG. 6

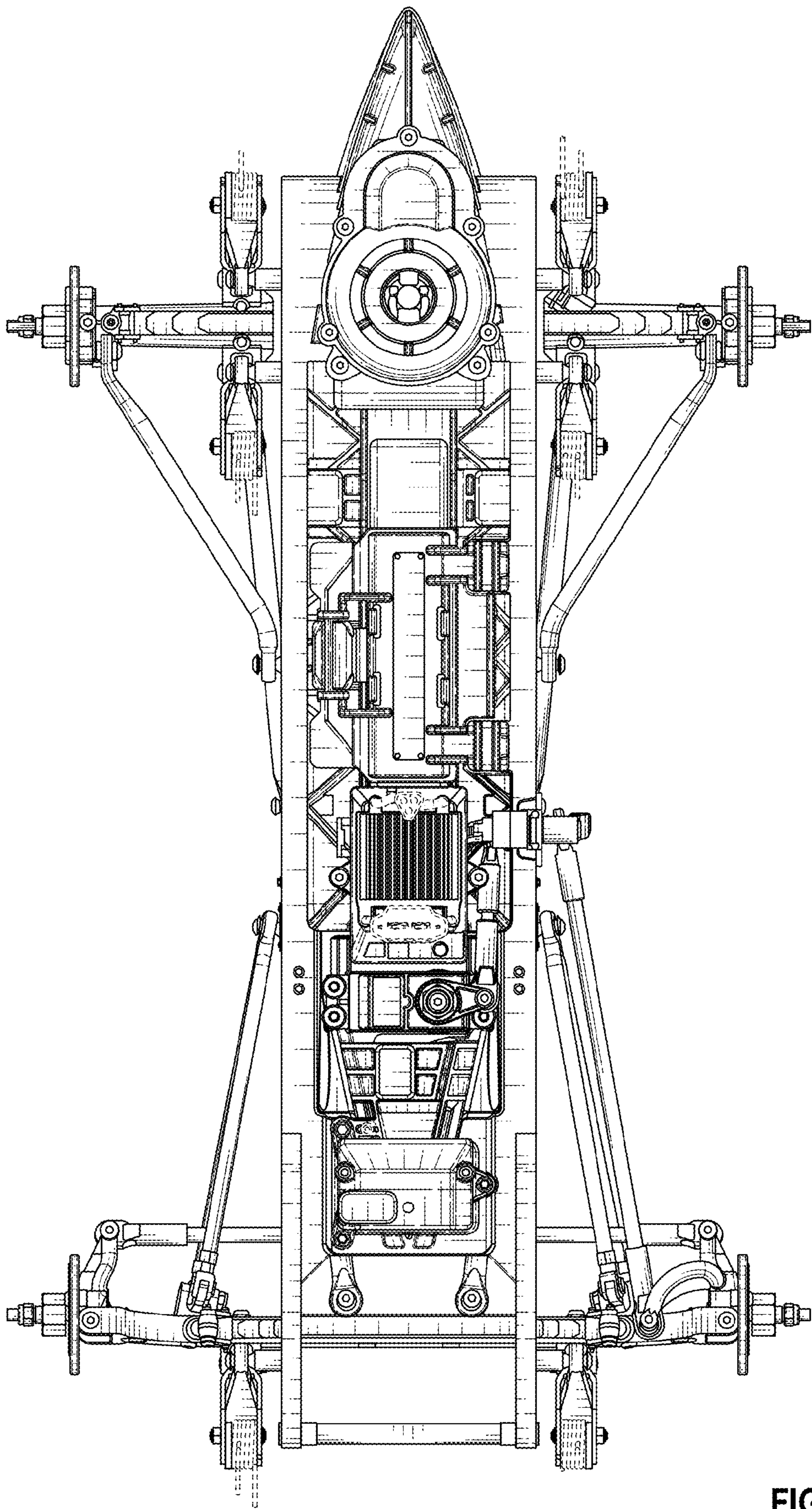


FIG. 7

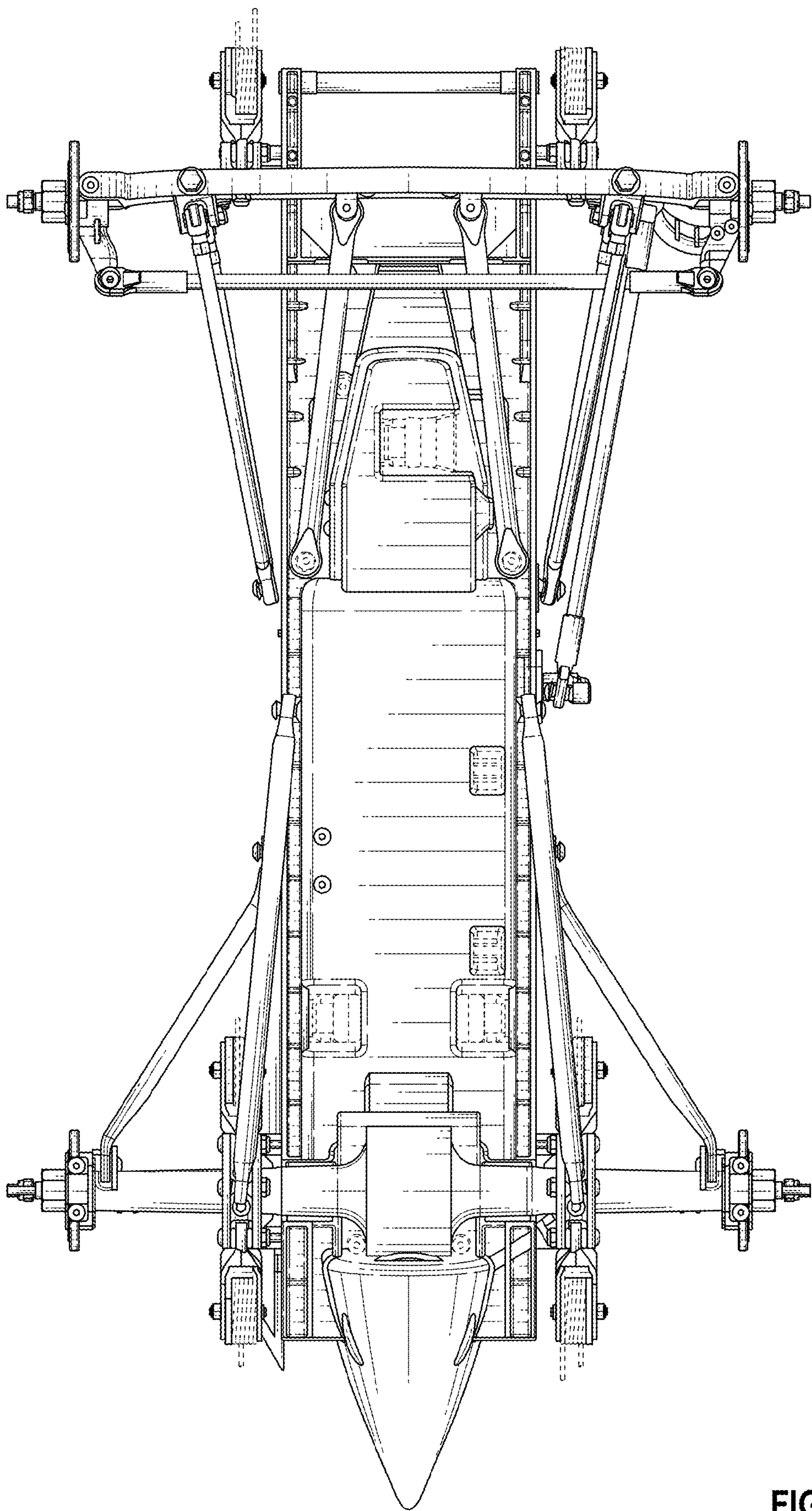


FIG. 8

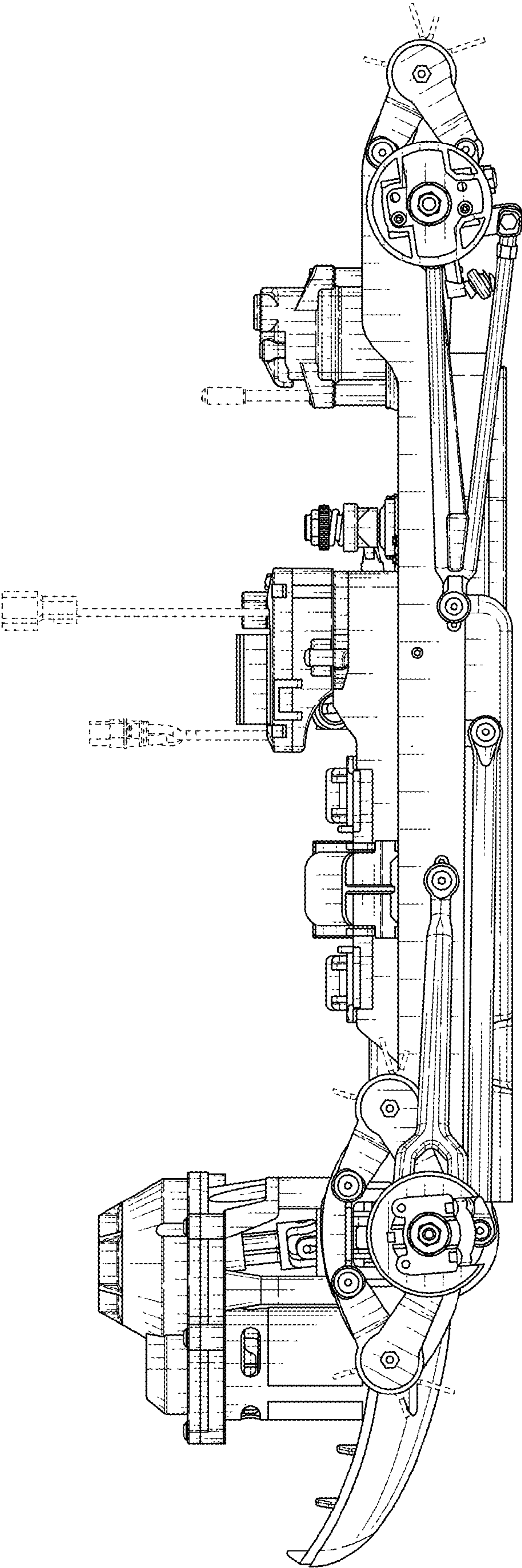


FIG. 9

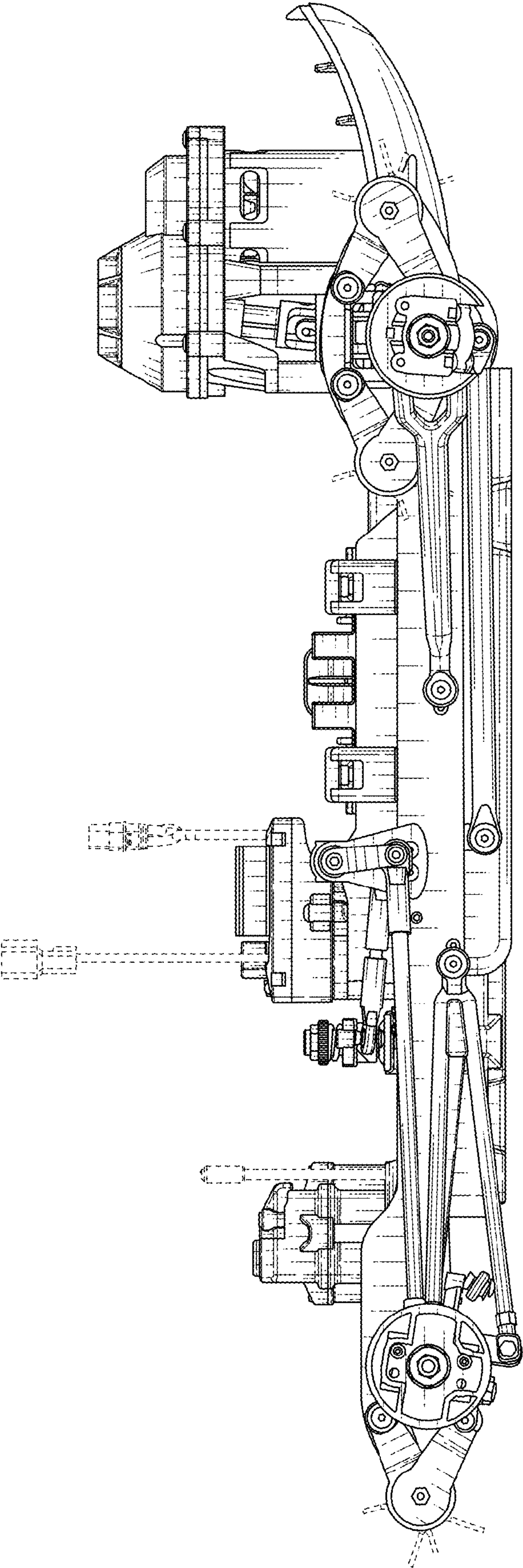


FIG. 10