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**Ewing et al.** (45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **MODEL VEHICLE AXLE HOUSING**

D246,451 S 11/1977 Shealy  
D246,921 S 1/1978 Moline  
4,509,932 A 4/1985 Weible

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(Continued)

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**FOREIGN PATENT DOCUMENTS**

CN 303934573 11/2016  
DE 102008057196 A1 7/2009  
(Continued)

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**OTHER PUBLICATIONS**

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

Traxxas Sledge Left & Right Steering Blocks, as shown in www.hobbytown.com, Jul. 27, 2022, Part # TRA9537. (Year: 2022).

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(51) **LOC (15) Cl.** ..... **21-01**

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(52) **U.S. Cl.**

(57) **CLAIM**

USPC ..... **D21/561**; D12/159

The ornamental design for a model vehicle axle housing as shown and described.

(58) **Field of Classification Search**

**DESCRIPTION**

USPC ..... D21/495, 533, 548, 552, 559, 560, 561, D21/562; D12/159, 160

CPC ..... A63H 17/00; A63H 17/002; A63H 17/04; A63H 17/05; A63H 17/12; A63H 17/24; A63H 17/26; A63H 17/262; A63H 17/36

See application file for complete search history.

FIG. 1 is a lower, left, front perspective view of a model vehicle axle housing showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a right side elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a lower plan view thereof; FIG. 7 is an upper plan view thereof; FIG. 8 is an upper, left, front perspective view thereof; and, FIG. 9 is an upper, right, rear perspective view of the model vehicle axle housing.

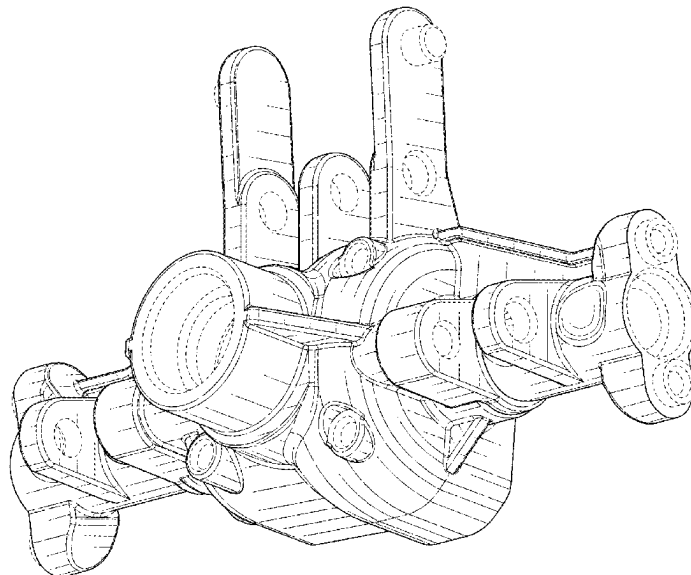
In the drawings, the broken lines illustrate portions of the model vehicle axle housing that form no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,377,905 A 5/1921 Martz  
1,455,706 A 5/1923 Bower et al.  
2,041,992 A 5/1936 Noel  
2,083,085 A 6/1937 Palmer  
2,132,545 A 10/1938 Smith  
2,547,435 A 4/1951 Bouchard  
3,306,077 A 2/1967 Piatti  
3,333,654 A 8/1967 Stephens  
3,767,221 A 10/1973 Asberg  
D242,442 S 11/1976 Garrison

**1 Claim, 8 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

4,632,203	A	12/1986	Krude	D902,089	S	11/2020	Ewing et al.
D291,190	S	8/1987	Davis	D902,091	S	11/2020	Ewing et al.
4,690,656	A	9/1987	Friedman et al.	D904,532	S	12/2020	Ewing et al.
D304,472	S	11/1989	Poulsen	D905,799	S	12/2020	Ewing et al.
D304,473	S	11/1989	Poulsen	D913,166	S	3/2021	Kiska
D304,746	S	11/1989	Poulsen	D923,115	S	6/2021	Ewing et al.
D311,942	S	11/1990	Dideriksen	D923,116	S	6/2021	Ewing et al.
D327,280	S	6/1992	Macomber	D923,722	S	6/2021	Ewing et al.
D332,978	S	2/1993	Tsuchiya	D931,151	S	9/2021	Wade et al.
D341,560	S	11/1993	Fabris et al.	D944,901	S	3/2022	Ewing et al.
5,338,247	A	8/1994	Miles	D945,488	S	3/2022	Mathura
5,498,208	A	3/1996	Braun	D945,897	S	3/2022	Brumbach
5,516,130	A	5/1996	Mitchell	D947,290	S	3/2022	Christensen et al.
D385,835	S	11/1997	Webster	D947,958	S	4/2022	Christensen et al.
D403,023	S	12/1998	Araki	D947,959	S	4/2022	Christensen et al.
5,954,586	A	9/1999	Kirson	D951,150	S	5/2022	Ewing et al.
D424,988	S	5/2000	Rothlisberger	D951,299	S	5/2022	Nyren
6,257,090	B1 *	7/2001	Arakawa ..... B60B 35/163 74/607	D954,610	S	6/2022	Owens et al.
6,394,878	B1	5/2002	Wang	D954,611	S	6/2022	Owens et al.
6,416,136	B1	7/2002	Smith	D954,612	S	6/2022	Owens et al.
6,478,709	B1	11/2002	Irwin et al.	11,378,176	B2	7/2022	Fast
6,513,614	B2	2/2003	Knutson et al.	D961,690	S	8/2022	Ewing
6,773,353	B2	8/2004	Cornay et al.	D996,528	S	8/2023	Christensen et al.
6,779,755	B1	8/2004	Thomsen	D1,014,657	S	2/2024	Christensen et al.
6,796,404	B1	9/2004	Dick, Jr. et al.	D1,014,658	S	2/2024	Christensen et al.
6,820,707	B1	11/2004	Cantemir	D1,032,424	S	6/2024	Smith
D516,582	S	3/2006	Giddens	D1,049,262	S	10/2024	Wood et al.
7,144,326	B2	12/2006	Thompson	D1,051,244	S	11/2024	Ewing et al.
D564,951	S	3/2008	Gile	2002/0065021	A1	5/2002	Wang
7,410,440	B2	8/2008	Garcia et al.	2002/0077025	A1	6/2002	Wu
D605,985	S	12/2009	Pennala	2002/0160688	A1	10/2002	Rehkemper et al.
7,690,660	B2	4/2010	Dudding et al.	2002/0165031	A1	11/2002	Riefe
7,810,604	B2	10/2010	Byers et al.	2003/0110885	A1	6/2003	Beutler
7,841,923	B2	11/2010	Marzetta et al.	2004/0005931	A1	1/2004	Wang et al.
D661,713	S	6/2012	Marchesan	2004/0231910	A1	11/2004	Mercier et al.
D677,608	S	3/2013	Kientzy	2005/0156399	A1	7/2005	Chu
8,465,035	B2	6/2013	Gander	2005/0206222	A1	9/2005	Swanson
D686,677	S	7/2013	Simonds	2006/0240897	A1	10/2006	Carlini et al.
D686,952	S	7/2013	Rau et al.	2007/0256659	A1	11/2007	Anderson et al.
8,517,140	B2	8/2013	West et al.	2007/0293328	A1	12/2007	Mazziotti
8,540,260	B1	9/2013	Batdorf et al.	2008/0238015	A1	10/2008	Duddling et al.
8,574,022	B2	11/2013	Grisolia et al.	2008/0303227	A1	12/2008	Chi Chun Idiot
D717,216	S	11/2014	Dunn et al.	2009/0020973	A1	1/2009	Richardson
8,893,364	B2	11/2014	Rode	2009/0029821	A1	1/2009	Martin, III et al.
8,925,941	B2	1/2015	Cordier et al.	2009/0039700	A1	2/2009	Gradu et al.
D736,681	S	8/2015	Awasa	2009/0173033	A1	7/2009	Baxter, Jr.
9,221,496	B2	12/2015	Barr et al.	2009/0230650	A1	9/2009	Mayen et al.
9,267,596	B2	2/2016	Trost	2010/0007198	A1	1/2010	Armfield
9,429,222	B2	8/2016	Bassi et al.	2011/0001350	A1	1/2011	Schmitz et al.
9,517,658	B2	12/2016	Chung et al.	2011/0057408	A1	3/2011	Koschinat
D788,653	S	6/2017	Smith	2011/0079978	A1	4/2011	Schreiner et al.
D798,906	S	10/2017	Bennett et al.	2011/0315468	A1	12/2011	Sellers et al.
D799,552	S	10/2017	McGinley	2013/0278047	A1	10/2013	Gottschalk
D814,979	S	4/2018	Cantuern et al.	2014/0041481	A1 *	2/2014	Pinotti ..... B21D 53/90 228/164
D822,125	S	7/2018	Ewing et al.	2014/0361507	A1	12/2014	Park et al.
D826,340	S	8/2018	Ewing et al.	2015/0191064	A1	7/2015	Gielisch et al.
D834,111	S	11/2018	Soward et al.	2015/0266350	A1	9/2015	Morino
D840,282	S	2/2019	Coste	2015/0290973	A1 *	10/2015	Stamets ..... B21D 53/90 29/428
D843,273	S	3/2019	Audley-Coote	2015/0354691	A1	12/2015	Keeney et al.
D845,182	S	4/2019	Sagawa et al.	2016/0046151	A1	2/2016	Kelly et al.
D845,398	S	4/2019	Wood	2016/0167432	A1	6/2016	Szczepanski
D845,842	S	4/2019	Sun	2016/0169367	A1	6/2016	Orr et al.
D847,911	S	5/2019	Wood	2016/0305531	A1	10/2016	Martin et al.
D847,912	S	5/2019	Wood	2016/0355054	A1 *	12/2016	Jensen ..... B60B 35/14
D866,683	S	11/2019	Ewing et al.	2017/0028517	A1	2/2017	Ferrari
D868,171	S	11/2019	Wood	2017/0050483	A1	2/2017	Gordon et al.
D869,348	S	12/2019	Kucharski	2017/0074389	A1	3/2017	Bodary
D871,273	S	12/2019	Bhaskar	2017/0370465	A1	12/2017	Fast et al.
D878,974	S	3/2020	McGaughy	2019/0030700	A1	1/2019	Huang
D880,279	S	4/2020	Marchesan	2019/0054816	A1	2/2019	Garcia et al.
D880,375	S	4/2020	McGaughy	2019/0054817	A1	2/2019	Garcia et al.
D887,359	S	6/2020	McCoy, Jr.	2019/0054818	A1	2/2019	Garcia et al.
D891,998	S	8/2020	Smith	2019/0063584	A1	2/2019	Annigeri et al.
D900,250	S	10/2020	Ewing et al.	2019/0210661	A1	7/2019	Cao et al.
				2020/0164708	A1	5/2020	Lim et al.
				2020/0198426	A1	6/2020	Rosene et al.
				2020/0282792	A1	9/2020	Horst et al.

(56)

**References Cited****U.S. PATENT DOCUMENTS**

2023/0219010	A1	7/2023	Christensen et al.
2024/0115964	A1	4/2024	Christensen et al.
2024/0115965	A1	4/2024	Christensen et al.
2024/0255049	A1 *	8/2024	Angel ..... F16H 57/029
2025/0058586	A1 *	2/2025	Smith ..... B60B 35/166

**FOREIGN PATENT DOCUMENTS**

EM	007721154-0004	3/2020
EM	007721154-0006	3/2020
EM	015013355-0018	3/2023
EM	015013355-0041	3/2023
GB	6228967	10/2022
GB	6265731	3/2023
GB	6265751	3/2023
GB	6307596	9/2023
GB	6307601	9/2023
GB	6307609	9/2023
GB	6379200	7/2024
IN	274347	11/2018
TW	179940-0001	12/2016
WO	D095551-013	4/2017
WO	D095551-014	4/2017
WO	D095551-016	4/2017

**OTHER PUBLICATIONS**

Traxxas Sledge Caster Blocks L/R w/ Kingpin Bushings, as shown in [www.hobbytown.com](http://www.hobbytown.com), Jul. 5, 2022, Part # TRA9532. (Year: 2022).

ZXYRC Aluminum Alloy Front Hubs Steering Blocks for Traxxas X-Maxx 1/8 Scale RC Car Upgrade Parts (Black), Amazon Website, Earliest Comment Date: Oct. 23, 2023 [Website Visited Oct. 3, 2024], Available on the internet URL: <https://www.amazon.com/dp/B09HGMFL6K?th=1> (Year: 2023).

2pcs Alloy Steering Hub Carrier Blocks 7737 for RC Hobby Car 1/8 X-Maxx (Red), Amazon Website, Earliest Comment Date: Aug. 22, 2024 [Website Visited Oct. 3, 2024], Available on the Internet URL: <https://www.amazon.com/dp/B092MBN9J3/> (Year: 2024).

Aluminum Steering Blocks, Traxxas Website, No Available Date [Website Visited Oct. 3, 2024], Available on the Internet URL: <https://traxxas.com/products/parts/7836-GRAY> (Year: 2024).

Traxxas 3752 Stub Axle Carrier (pair), Amazon Website, Earliest Comment Date: Jul. 25, 2014 [Website Visited Oct. 1, 2024], Available on the Internet URL: <https://www.amazon.com/dp/B000SU2D0C/> (Year: 2014).

Aluminum Stub Axle Carriers, Traxxas Website, No Available Date [Website Visited Oct. 1, 2024], Available on the Internet URL: <https://traxxas.com/products/parts/7852-blue> (Year: 2024).

Rcarmumb RC Upgrades Part for 1/10 Maxx WideMaxx, Aluminum Caster Blocks, Amazon Website, Earliest Comment Date: Jan. 30, 2023 [Website Visited Oct. 1, 2024], Available on the Internet URL: <https://www.amazon.com/dp/B0BBN892JJ/> (Year: 2023).

Traxxas X-Maxx Caster Blocks, Amazon Website, Earliest Comment Date: Sep. 9, 2016 [Website Visited Oct. 2, 2024], Available on the Internet URL: <https://www.amazon.com/Traxxas-7732-X-Maxx-Caster-Blocks/dp/B01A6YD1XC> (Year: 2016).

2pcs Alloy Front C Hub Carrier Caster Blocks 7732 for RC Hobby Car 1/8 X-Maxx (Red), Amazon Website, Earliest Comment Date: Oct. 21, 2021 [Website Visited Oct. 2, 2024], Available on the Internet URL: <https://www.amazon.com/dp/B092M9XJYW/> (Year: 2021).

Aluminum Caster Blocks, Traxxas Website, No Available Date [Website Visited Oct. 2, 2024], Available on the Internet URL: <https://traxxas.com/products/parts/7832-RED> (Year: 2024).

Traxxas TRX-4M Axle Housing (2) (Front & Rear), Part # TRA9741, as shown in [www.hobbytown.com](http://www.hobbytown.com), May 23, 2023. (Year: 2023).

Traxxas 9744 Axle Rear (Assembled) M2.5x0.45 NL(2) TRX-4M, ASIN B0C4TM58TC, as show in [www.amazon.com](http://www.amazon.com), May 11, 2023 (Year: 2023).

Injora Rear Axle Housing CNC Aluminum for TRX4M 1/8 RC Crawler Upgrade, ASIN B0BV6LPYQK, as shown in [www.amazon.com](http://www.amazon.com), Jul. 24, 2023. (Year: 2023).

Rear Axle Housing CNC Aluminum Portal Axles High Trail Axles Perfect Substitution for TRX4M 1/8 RC Crawler Upgrade Accessories, ASIN B0CXXMN1PM, as shown in [www.amazon.com](http://www.amazon.com), no date listed, date found. Oct. 10, 2024. (Year: 2024).

Meus Racing TRX4M Portal Axles +8mm Ground Clearance for Traxxas TRX4M Defender/Bronco/K10/F150 1/8 RC Crawler (Version 2.0), ASIN B0D14HS837, as shown in [www.amazon.com](http://www.amazon.com), Jun. 10, 2024. (Year: 2024).

KYX Racing Metal Axle Housing Axle Shell with Cover for 1/10 RC Crawler SCX10 II 90046 90047, ASIN B07THY3Q59, as shown in [www.amazon.com](http://www.amazon.com), Apr. 11, 2020. (Year: 2020).

Element RC Enduro SE Axle Housings, Part # ASC42307, as shown in [www.amainhobbies.com](http://www.amainhobbies.com), Dec. 5, 2022. (Year: 2022).

Traxxas TRX-4M Front Steering Blocks & Caster Blocks, Part#: TRA9732, as shown in [www.amainhobbies.com](http://www.amainhobbies.com), May 22, 2023. (Year: 2023).

Traxxas TRX-4M Aluminum Steering Blocks (Grey) (2), Part#: TRA9737-Blue (Gray), as shown in [www.amainhobbies.com](http://www.amainhobbies.com), May 17, 2023. (Year: 2023).

Arrma Infraction Mega/Vendetta 3S BLX Steering Block (2), Part#: ARA330686, as shown in [www.amainhobbies.com](http://www.amainhobbies.com), Dec. 27, 2021. (Year: 2021).

Yokomo YZ-4 Steering Block Set, Part#: YOKZ4-415SA, as shown in [www.amainhobbies.com](http://www.amainhobbies.com), Nov. 19, 2015. (Year: 2015).

Element RC Enduro IFS 2 Steering Blocks, Part#: ASC42342, as shown in [www.amainhobbies.com](http://www.amainhobbies.com), Jul. 17, 2023. (Year: 2023).

Steering blocks, left & right/ caster blocks (c-hubs), left or right (2), Traxxas website, posted date unknown [online], [retrieved Nov. 25, 2024]. Retrieved from internet, <https://traxxas.com/products/parts/9732> (Year: 2024).

OGRC 5g Brass Caster Blocks C-Hubs for Traxxas TRX4M 1/8 Bronco/Defender, Amazon website, posted date unknown [online], [retrieved Nov. 25, 2024]. Retrieved from internet, <https://www.amazon.com/Caster-Blocks-Traxxas-Defender-Upgrade/dp/B0BWQ8WRCJ/> (Year: 2024).

Injora Black Brass Caster Blocks C-Hubs 4g Front Counterweight for 1/8 RC Crawler, posted date unknown [online], [retrieved Nov. 25, 2024]. Retrieved from internet, <https://www.amazon.com/dp/B0BQDD4HGZ> (Year: 2024).

Carriers, stub axle, 6061-T6 aluminum, posted date unknown [online], [retrieved Jul. 5, 24]. Retrieved from internet, <https://traxxas.com/products/parts/9552T> (Year: 2024).

RiToEasysports 2Pcs RC Rear Axle Carrier, posted date unknown [online], [retrieved xx/xx/xx]. Retrieved from internet, [https://www.amazon.com/RiToEasysports-Carrier-Aluminum-Alloy-Compatible/dp/B09JGDWWSK/ref=sr\\_1\\_28](https://www.amazon.com/RiToEasysports-Carrier-Aluminum-Alloy-Compatible/dp/B09JGDWWSK/ref=sr_1_28) (Year: 2024).

Palumma RC Gearbox Cover, available in Amazon.com, date first available Jun. 9, 2023 [online], [site visited Apr. 16, 2024], Available from the internet URL: [https://www.amazon.com/Palumma-Gearbox-Aluminum-Transmission-Differential/dp/B0C7JW49ZB/ref=sr\\_1\\_6?crid=30VAI2L9URG6D&dib=eyJ2ljoImSJ9.\\_JgbGBev5Lj](https://www.amazon.com/Palumma-Gearbox-Aluminum-Transmission-Differential/dp/B0C7JW49ZB/ref=sr_1_6?crid=30VAI2L9URG6D&dib=eyJ2ljoImSJ9._JgbGBev5Lj) (Year: 2023).

Carriers stub axle, First Date Available: Unknown, Imaged retrieved on: Jun. 3, 2023, <<https://traxxas.com/products/parts/9552>>.

Traxxas TRX-4M Axle Cover (Black Chrome), Amain Hobbies Webpage [online], [Site Visit Nov. 20, 2023], URL: [https://www.amainhobbies.com/traxxas-trx4m-axle-cover-black-chrome-2-tra9738-blkcr/p1451999?gclid=EAlalQobChMInZan4p3TggMV-TWtBh3KAA8AEAKYAiABEGKpPD\\_BwE](https://www.amainhobbies.com/traxxas-trx4m-axle-cover-black-chrome-2-tra9738-blkcr/p1451999?gclid=EAlalQobChMInZan4p3TggMV-TWtBh3KAA8AEAKYAiABEGKpPD_BwE) (Year: 2023).

TRA9738-Red TRX-4M Axle Cover Front or Rear (Traxxas), Michael's RC Hobbies Webpage [online], [Site Visit Nov. 20, 2023], URL: <https://www.michaelsrchoobbies.com/tra9738-red-trx-4m-axle-cover-front-or-rear-red-2.html> (Year: 2023).

Traxxas XRT Steering Blocks (2), as shown in [www.hobbytown.com](http://www.hobbytown.com), May 16, 2023, Part # TRA7836. (Year: 2023).

Arrma 4S BLX Steering Block (2), as shown in [www.hobbytown.com](http://www.hobbytown.com), Jul. 16, 2019, Part # ARA330523. (Year: 2019).

(56)

**References Cited****OTHER PUBLICATIONS**

RPM Oversized Front Axle Carriers for Traxxas X-Maxx w/Bearings (2), as shown in [www.ainhobbies.com](http://www.ainhobbies.com), Jan. 18, 2021, Part # RPM80662. (Year: 2021).

Aluminum Alloy Front Hubs Steering Blocks for Traxxas X-Maxx 1/8 Scale RC Car Upgrade Parts (Red), ZXYRC Store, as shown in [www.amazon.com](http://www.amazon.com), Apr. 10, 2022. (Year: 2022).

Traxxas 7836-Gray Steering Blocks Alum Gray, as shown in [www.rc-powerhouse.com](http://www.rc-powerhouse.com), no date listed, date found Jun. 18, 2024. (Year: 2024).

Traxxas XRT Caster Blocks (2), as shown in [www.hobbytown.com](http://www.hobbytown.com), May 16, 2023, Part # TRA7832. (Year: 2023).

Hot Racing Aluminum Rear Hubs w/Over Size Bearings for Traxxas X-Maxx/XRT, as shown in [www.ainhobbies.com](http://www.ainhobbies.com), Apr. 9, 2024, Part # HRAXMX22M01. (Year: 2024).

Hot Racing Aluminum C-Hub Caster Blocks for Traxxas Maxx (Black) (2), as shown in [www.hobbytown.com](http://www.hobbytown.com), May 4, 2021, Part # HRAMXX1901. (Year: 2021).

Yokomo Graphite Front Steering Hub Carrier (4°) (-1mm Tread) (Hard Type), as shown in [www.hobbytown.com](http://www.hobbytown.com), Jan. 30, 2018, Part # YOKB8-413GH1. (Year: 2018).

Traxxas Rear Stub Axle Carriers (2), as shown in [www.hobbytown.com](http://www.hobbytown.com), May 16, 2023, Part # TRA7852. (Year: 2023).

Measjimi Brand, 2pcs Alloy Rear Stub Axle Hub Carrier 7752 for RC Hobby Car 1/8 X-Maxx (Red), as shown in [www.amazon.com](http://www.amazon.com), no date listed, Jun. 17, 2024, date found, ASIN B09MH1V2Q. (Year: 2024).

Weiqian brand, 1 Pair RC Rear Hub Carrier Portable Flexible CNC Aluminum Alloy Rear Stub Axle Carrier Replacement for Traxxas 1/8 Black, as shown in [www.walmart.com](http://www.walmart.com), no date listed, Jun. 17, 2024, date found. (Year: 2024).

RPM Oversized Rear Axle Carriers for Traxxas X-Maxx, as shown in [www.hobbytown.com](http://www.hobbytown.com), Sep. 27, 2016, Part # RPM81732. (Year: 2016).

Globact Brass LCG Heavy Weight Caster Blocks Portal Drive C-Hubs 84g Counterweight for 1/10 TRX4 TRX6 RC Crawler Car

Upgrades Parts (2Pcs), as shown in [www.amazon.com](http://www.amazon.com), Aug. 9, 2023, ASIN B0C9SWT276. (Year: 2023).

Xray Model Racing Cars; "T1R Raycer-Instruction Manual;" Xray Model Racing Cars, Trencin, Slovak Republic, Europe.

Traxxas; "T-Maxx Assemblies-Front Assembly;" Traxxas LP, Plano, Texas.

Traxxas Rear Stub Axle Carrier (1.5 Degree), Earliest Available Date Oct. 29, 2007 [Online], [Site Visited Oct. 28, 2020] Available From Internet, URL: <[https://www.ainhobbies.com/traxxas-rear-stub-axle-carrier-1.5-degree-tra4352/b17759?gclid=EAlaIqobChMlyY7Ak\\_TX7AIVWQilCR1dzw2fEAQYBCABeGL99vD\\_BwE](https://www.ainhobbies.com/traxxas-rear-stub-axle-carrier-1.5-degree-tra4352/b17759?gclid=EAlaIqobChMlyY7Ak_TX7AIVWQilCR1dzw2fEAQYBCABeGL99vD_BwE)> (Year: 2007).

Axle Bearing Carrier Suzuki LTZ400 Kawasaki KFX400 Arctic DVX400, Earliest Available Date Jun. 13, 2018 [Online], [Site Visited Oct. 28, 2020] Available From Internet, URL: <<https://www.amazon.com/Bearing-Carrier-SUZUKI-LTZ400-KAWASAKI/dp/B07F22WBPJ>> (Year: 2018).

Traxxas C-Hubs, Published date unavailable [online], [retrieved on Feb. 5, 2022]. Retrieved from the Internet: <https://www.rcsuperstore.com/traxxas-caster-blocks-c-hubs-left-right-slash-4x4/> (Year: 2022).

Traxxas Rear Stub Axle Carrier, Published date unavailable [online], [retrieved on Feb. 5, 2022]. Retrieved from the Internet: <https://www.rcmart.com/traxxas-rear-left-and-right-stub-axle-carrier-for-jato-5555-00036488> (Year: 2022).

Axial SCX10 II Jeep Cherokee 1/10 Scale Electric 4WD, Axial, posted Aug. 2016, [online] (Year: 2016).

Bomber Fabrication, Bomber Fab Spidertrax Pro Series Inner C Gusset Kit, posted Aug. 2016, [online] (Year: 2016).

Dana 44 Axle, Wikipedia.com, posted Aug. 2016, [online], [retrieved Dec. 18, 2017]. Retrieved from internet, [https://en.wikipedia.org/wiki/Dana\\_44](https://en.wikipedia.org/wiki/Dana_44) (Year: 2016).

70-0001IJ-RockJock 70 High Pinion Housing Axle, Curieenterprises.com, no publication date, [online] (Year: 2016).

Xray; "T1R Raycer-Instruction Manual;" Xray Model Racing Cars, Trencin, Slovak Republic, Europe (admitted prior art).

Traxxas; "T-Maxx Assemblies—Front Assembly;" Traxxas LP, Plano, Texas (admitted prior art).

\* cited by examiner

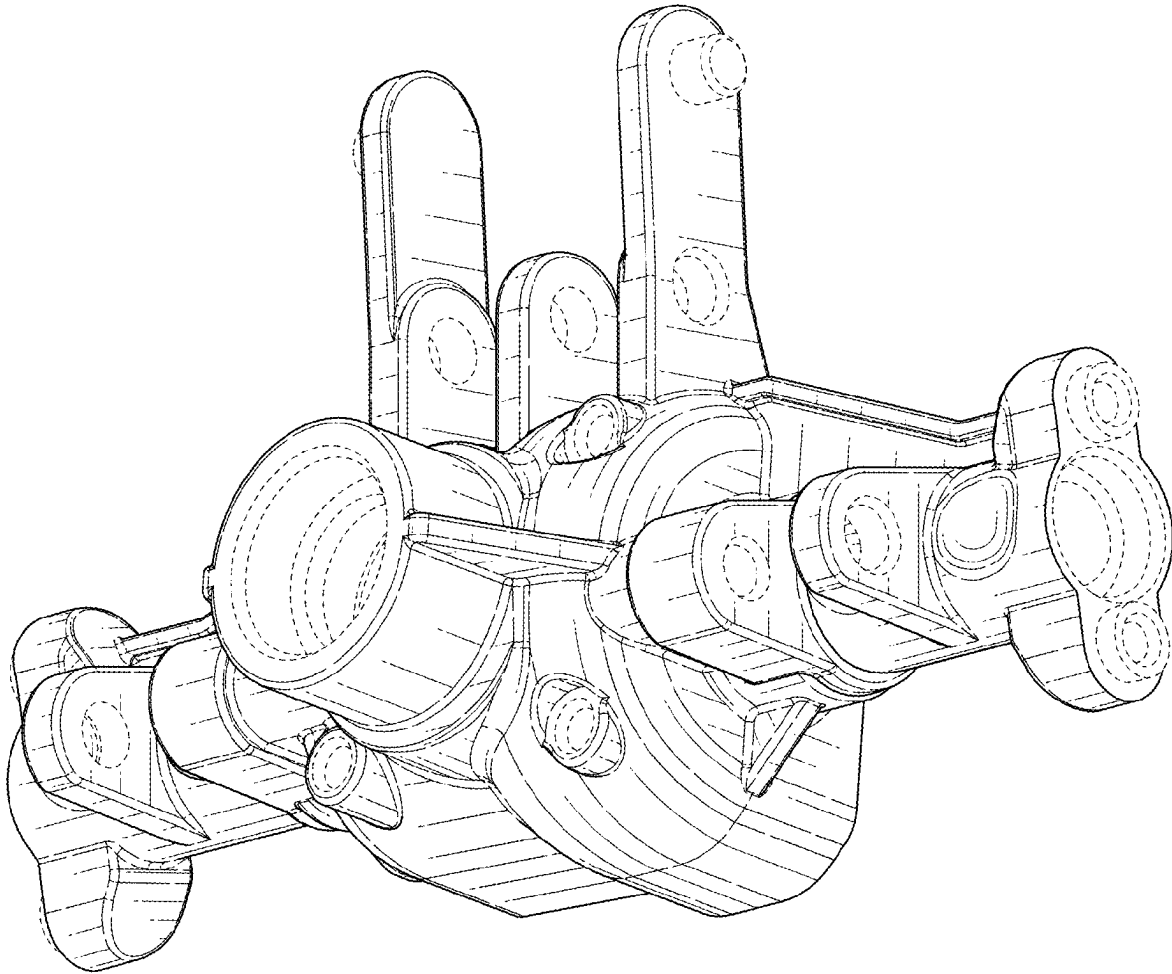


FIG. 1

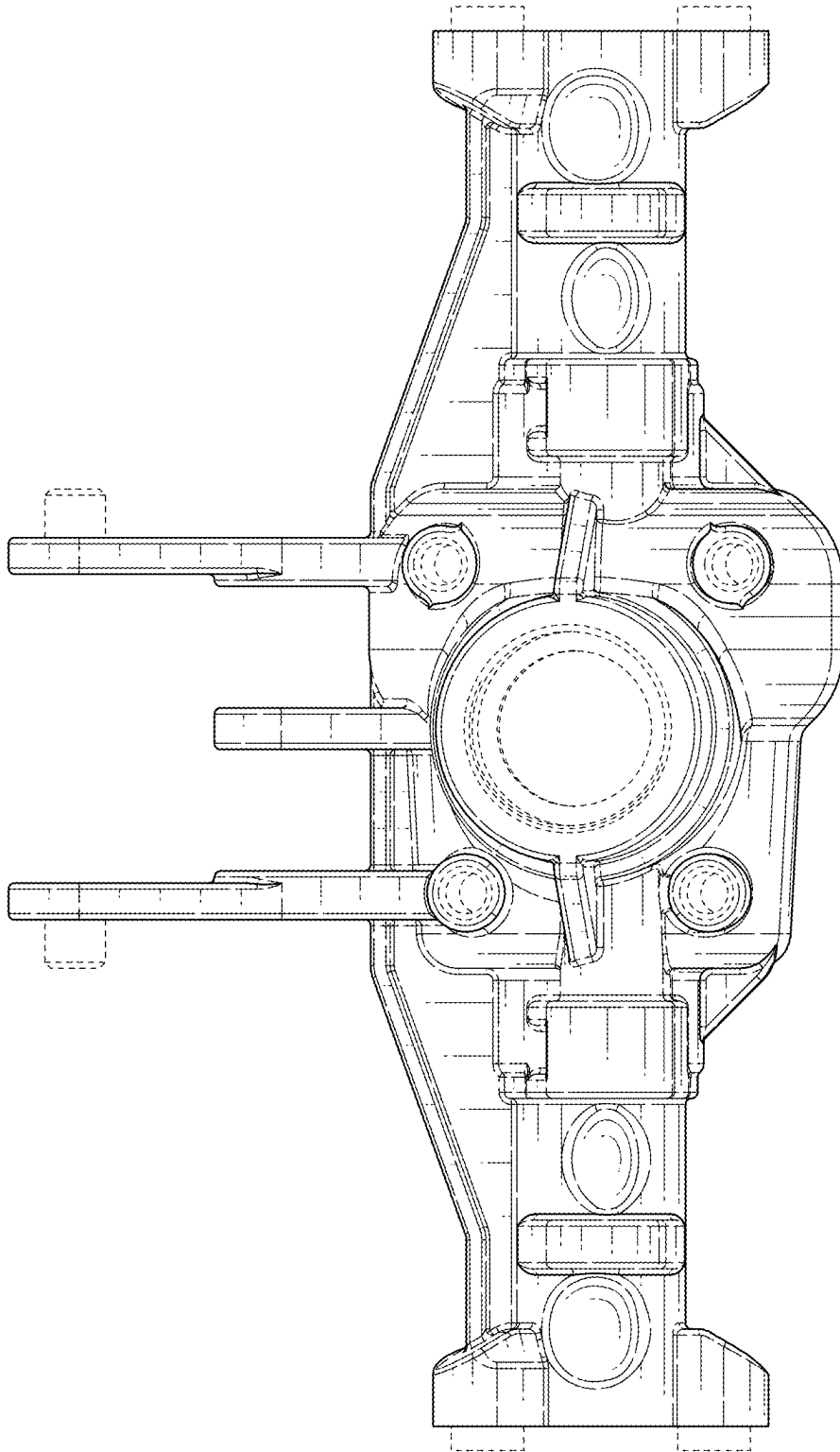


FIG. 2

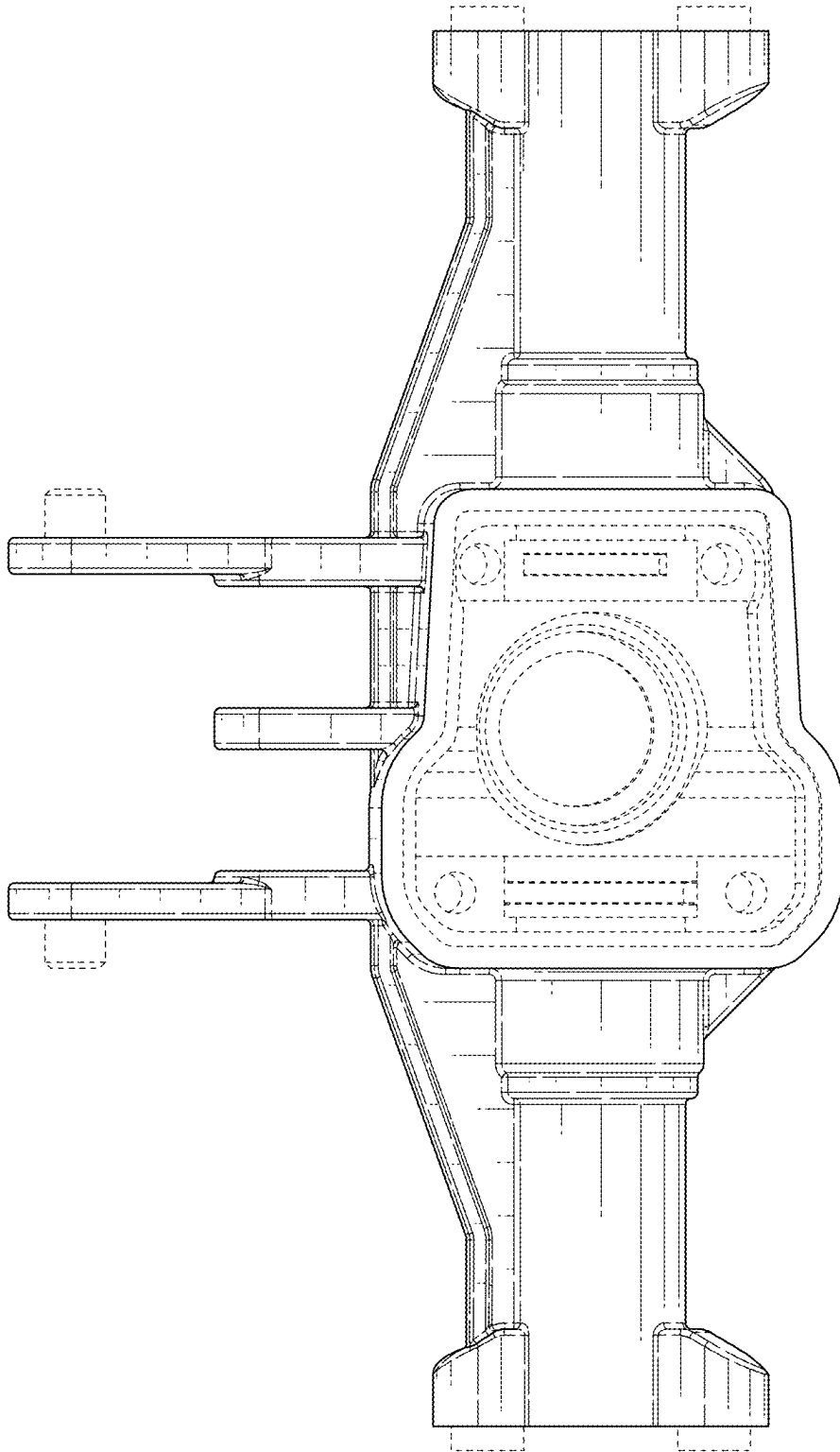


FIG. 3

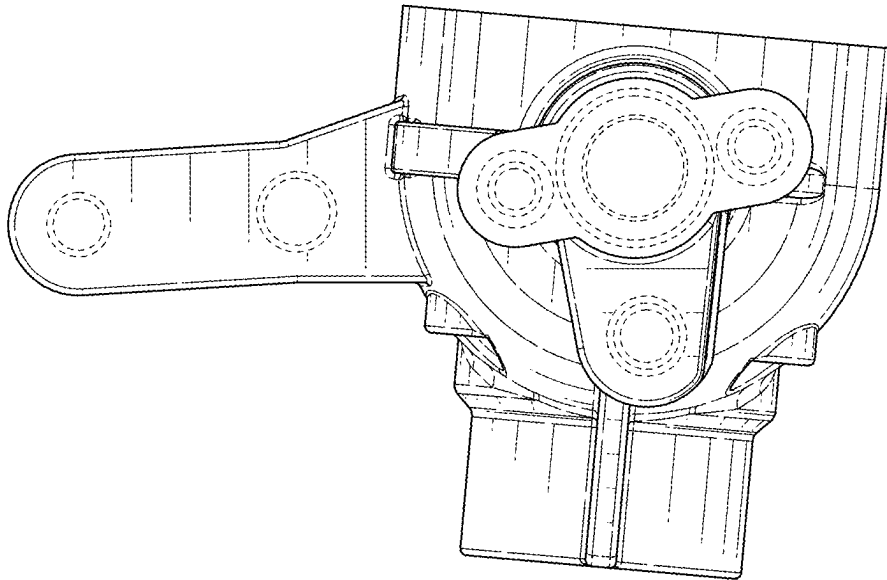


FIG. 5

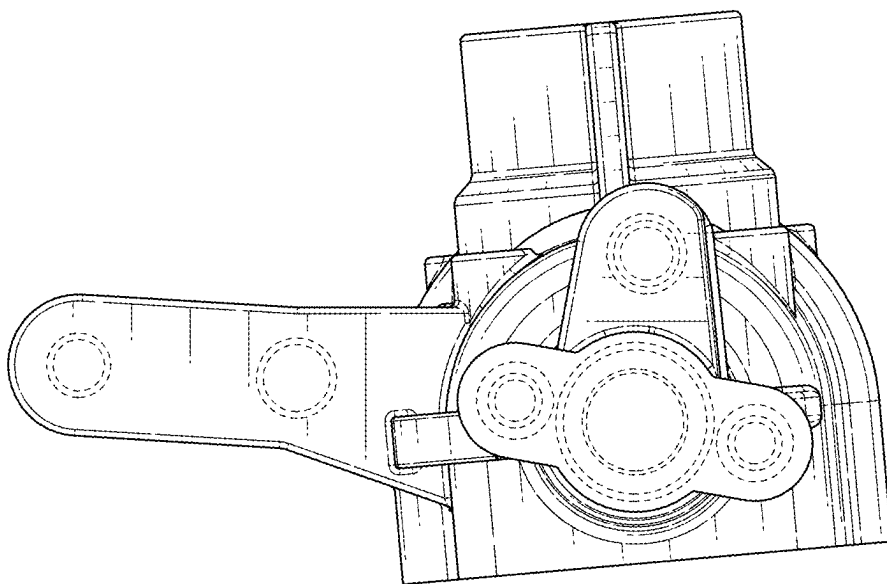


FIG. 4



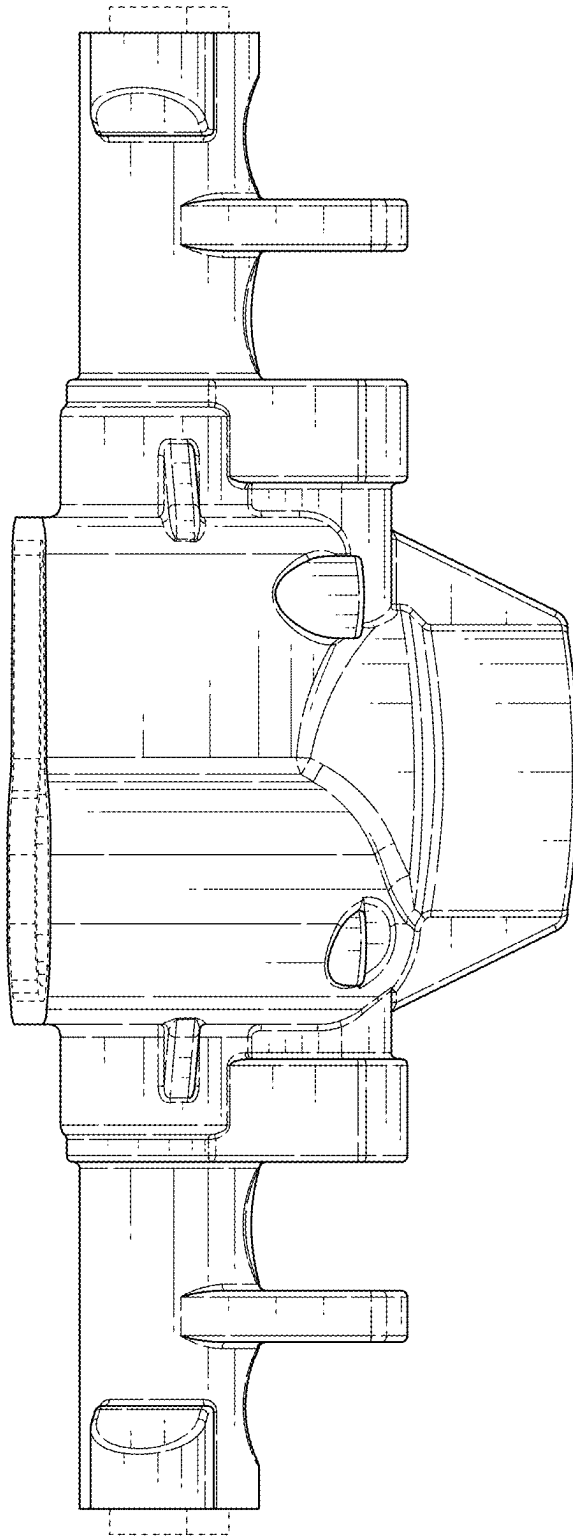


FIG. 6

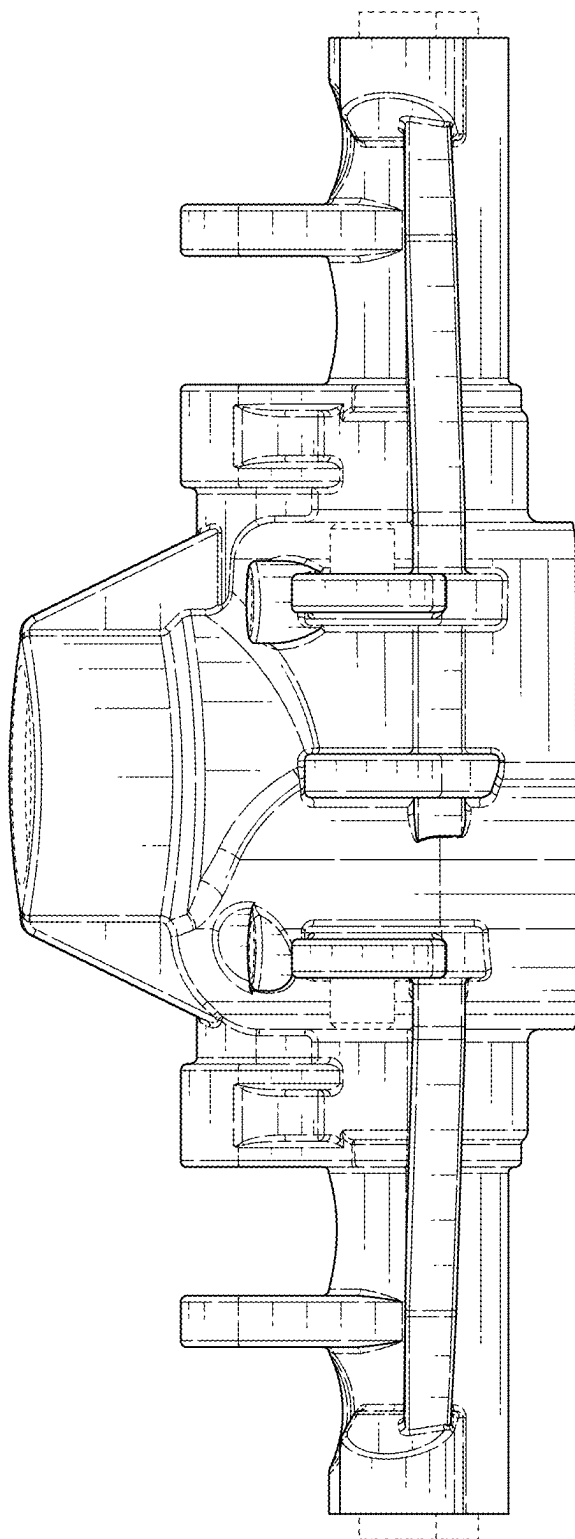


FIG. 7

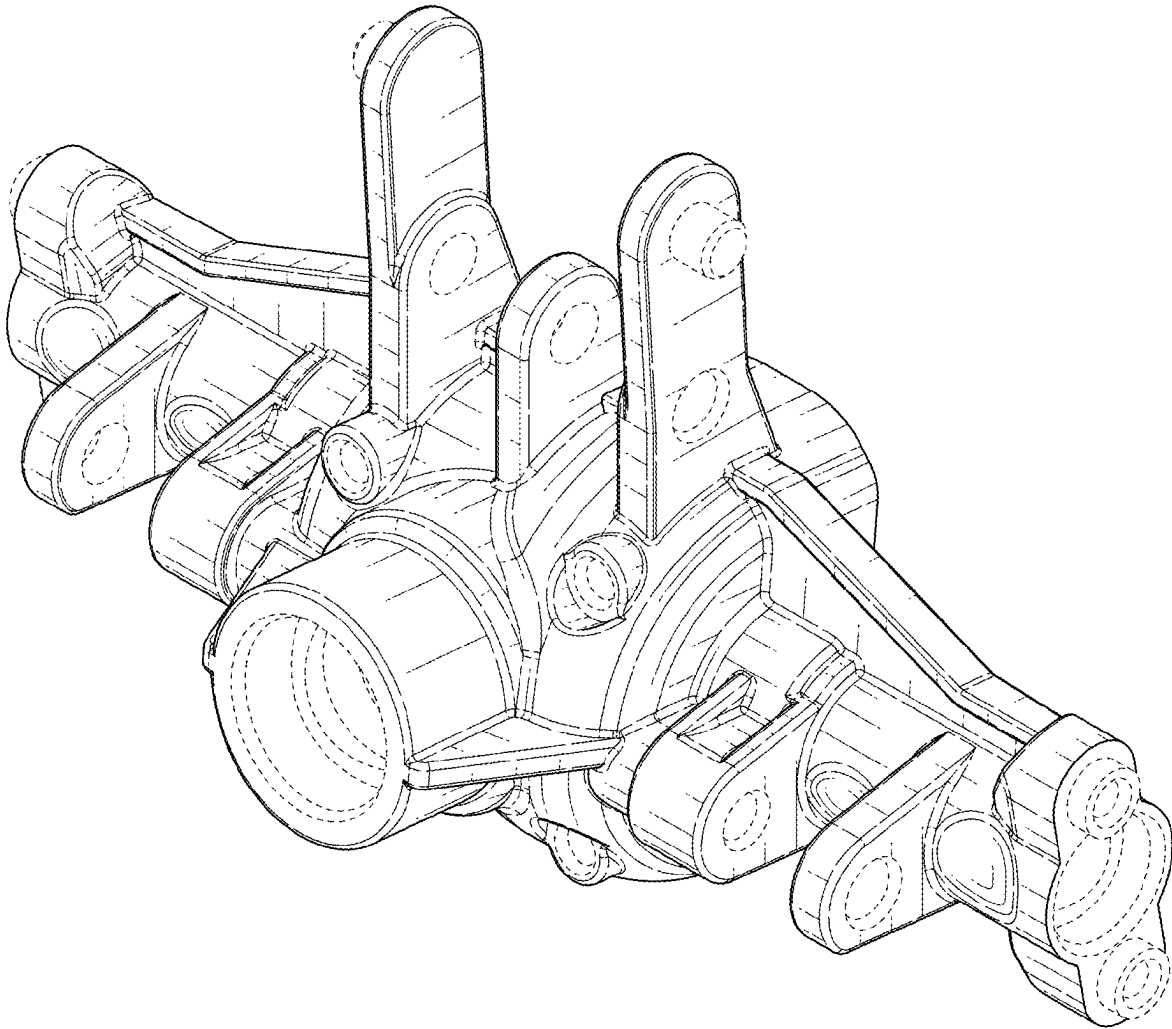


FIG. 8

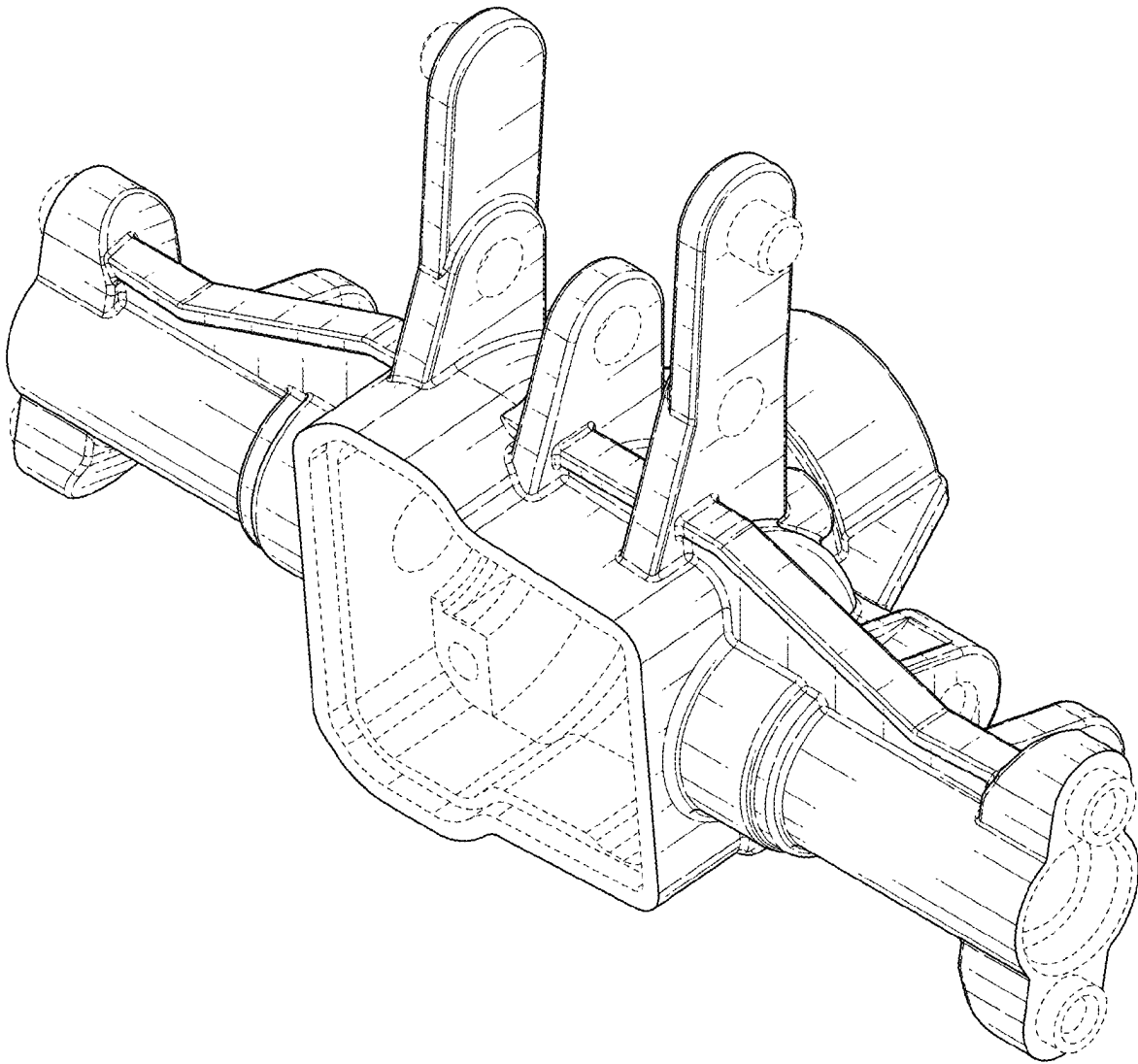


FIG. 9