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

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(54) **CALIPER BODY OF A DISK BRAKE FOR A VEHICLE**

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

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(51) **LOC (13) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/180**

(58) **Field of Classification Search**
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CPC F16D 2055/0016; F16D 65/00; F16D 65/0087; F16D 65/0093; F16D 65/02; F16D 65/0979

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D351,365 S *	10/1994	Powers	.....	D12/180
D354,469 S *	1/1995	Powers	.....	D12/180
D425,465 S *	5/2000	Pink	.....	D12/180
D426,180 S *	6/2000	Pink	.....	D12/180
D506,714 S *	6/2005	Ono	.....	D12/180
D508,001 S *	8/2005	Matsumoto	.....	D12/180
D512,667 S *	12/2005	Iwasaki	.....	D12/180
D512,946 S *	12/2005	Hatakoshi	.....	D12/180

D527,321 S *	8/2006	Gherardi	.....	D12/180
D560,580 S *	1/2008	Sasaki	.....	D12/180
D600,613 S *	9/2009	Jungmann	.....	D12/180
D686,955 S *	7/2013	Asakura	.....	D12/180

(Continued)

FOREIGN PATENT DOCUMENTS

JP	1102393 S	3/2001
JP	1495470	4/2014

OTHER PUBLICATIONS

“AutoShack BC30150PR Pair Set of 2 Front Driver and Passenger Side Disc Brake Caliper Assembly [. . .]” [online]. Auto Shack. [Product first available on Mar. 19, 2019]. Retrieved from the Internet: <<https://www.amazon.com/dp/B08DWN5251>>.*

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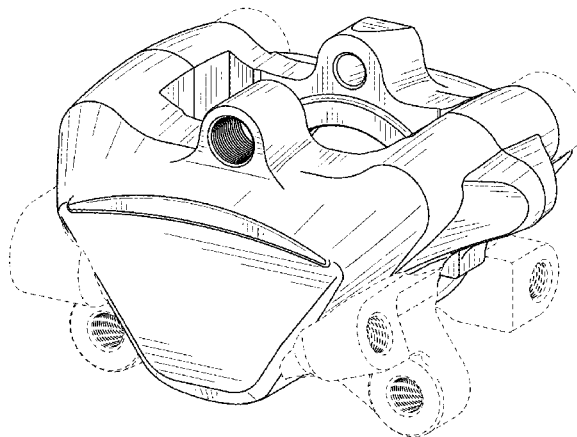
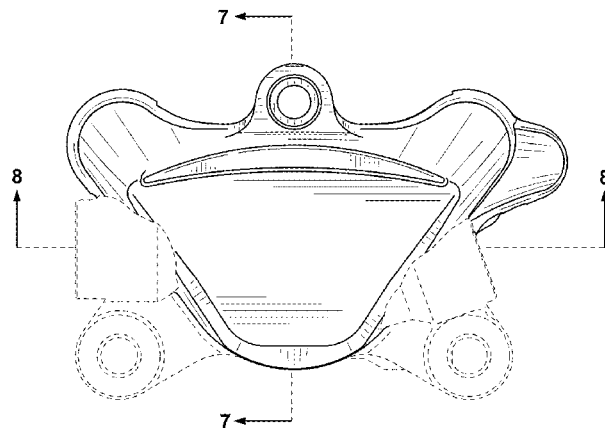
(57) **CLAIM**

The ornamental design for a caliper body of a disk brake for a vehicle, as shown and described.

DESCRIPTION

FIG. 1 is a front plan view of a caliper body of a disk brake for a vehicle, showing our new design; FIG. 2 is a rear plan view thereof; FIG. 3 is a top elevational view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a left side elevational view thereof; FIG. 7 is a cross-sectional view thereof taken through section line 7-7 of FIG. 1; FIG. 8 is a cross-sectional view thereof taken through section line 8-8 of FIG. 1; and, FIG. 9 is a perspective view thereof. The broken lines in the drawings depict unclaimed subject matter and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D705,709	S	*	5/2014	Hetland	.....	D12/180
D812,534	S	*	3/2018	Scheibe	.....	D12/180
D851,566	S	*	6/2019	Nessi	.....	D12/180
D865,594	S	*	11/2019	Honzawa	.....	D12/180
D877,673	S	*	3/2020	Oku	.....	D12/180
D884,567	S	*	5/2020	Atsuta	.....	D12/180
2007/0170018	A1	*	7/2007	Alexander	.....	F16D 65/0976 188/72.3
2021/0010548	A1	*	1/2021	Maehara	.....	F16D 55/225

OTHER PUBLICATIONS

“A-Premium Brake Caliper Assembly [. . .]” [online], A-Premium.
[Product first available on Dec. 10, 2019], Retrieved from the
Internet: <<https://www.amazon.com/dp/B082MKCKY7/>>.*

* cited by examiner

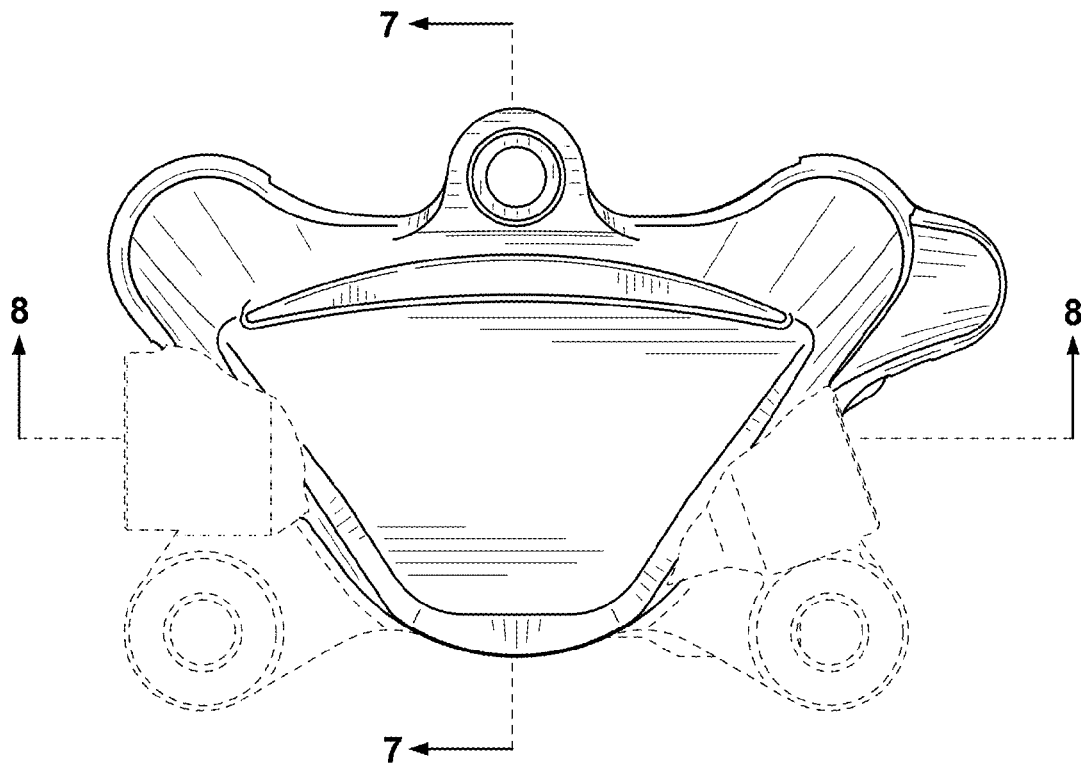


FIG. 1

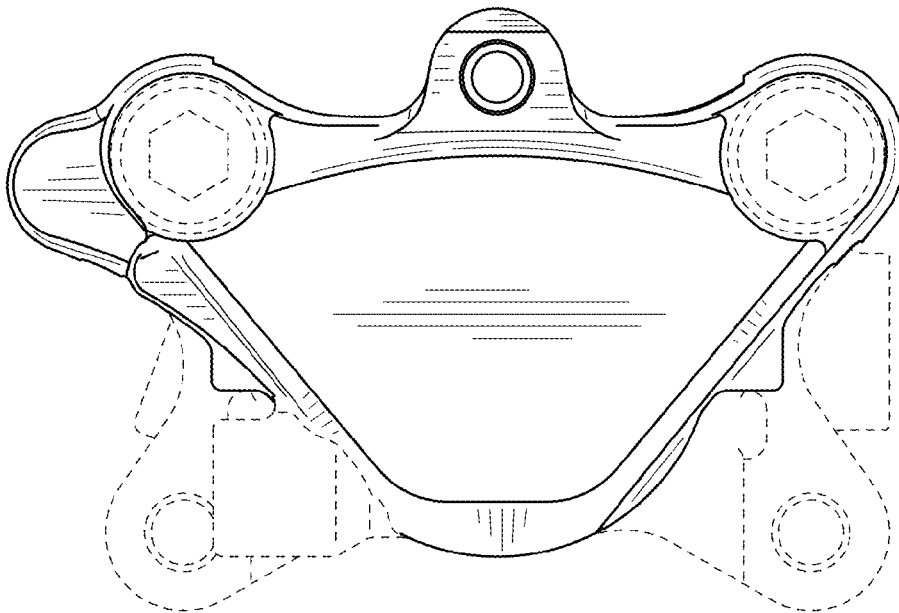


FIG. 2

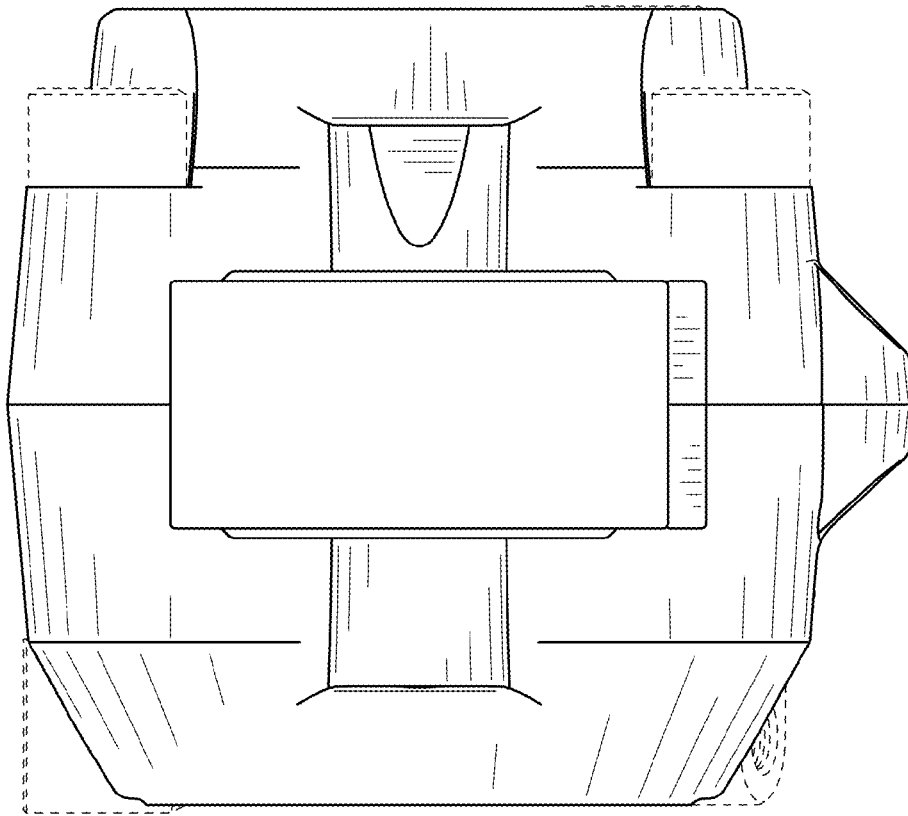


FIG. 3

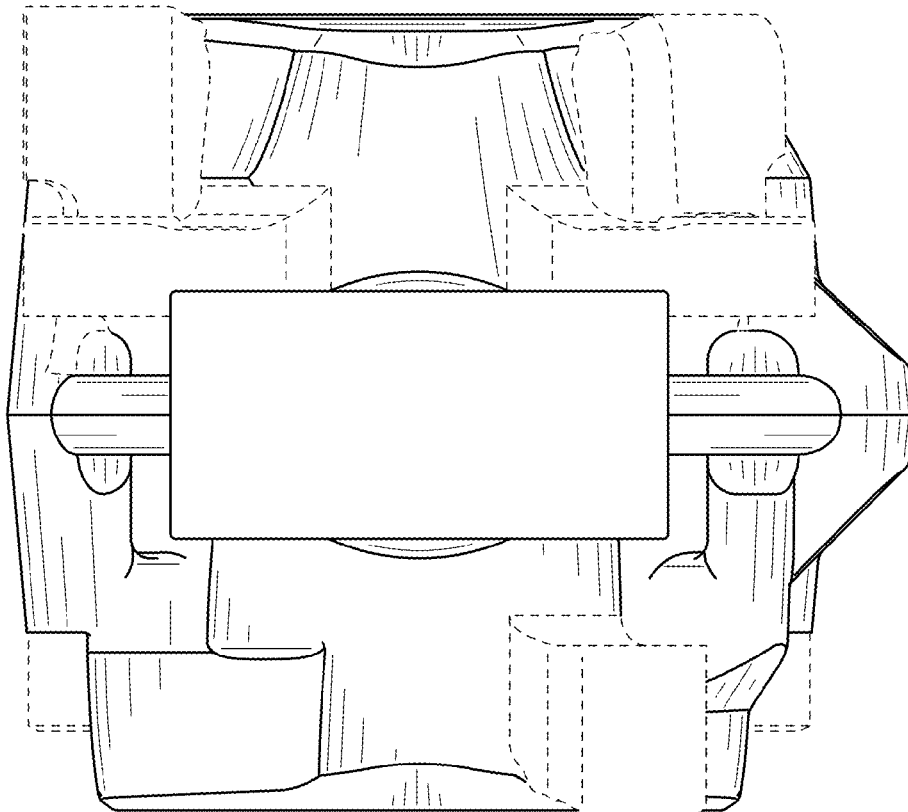


FIG. 4

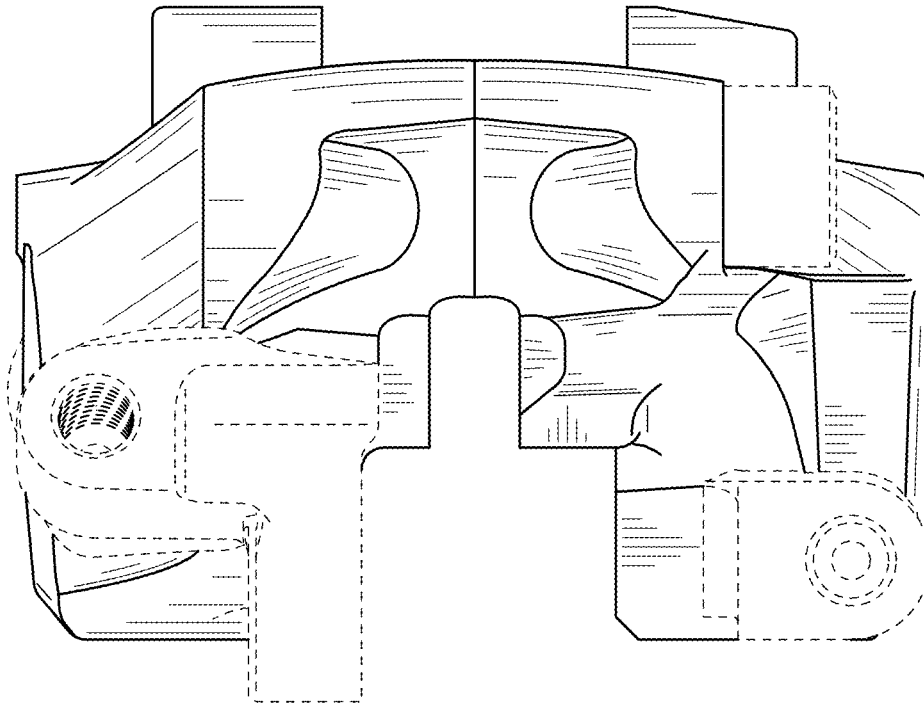


FIG. 5

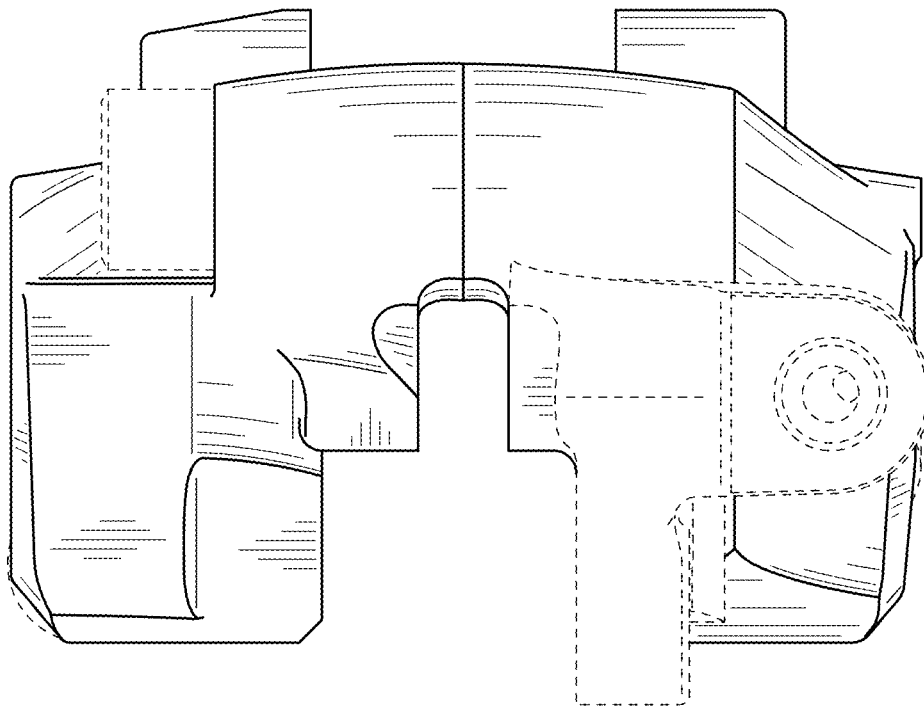


FIG. 6

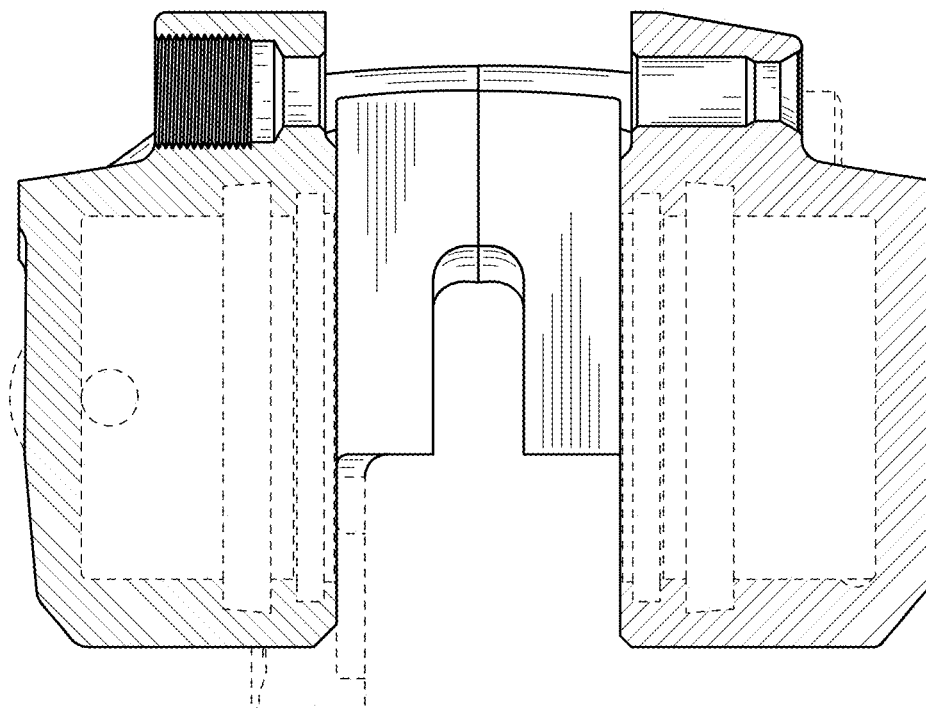


FIG. 7

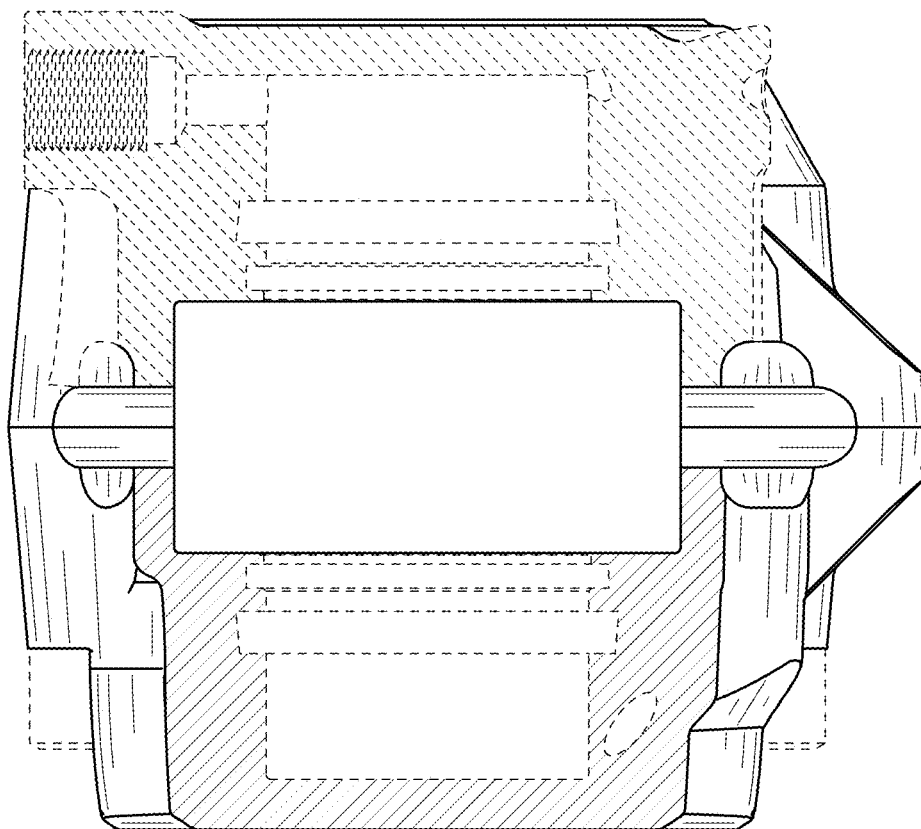


FIG. 8

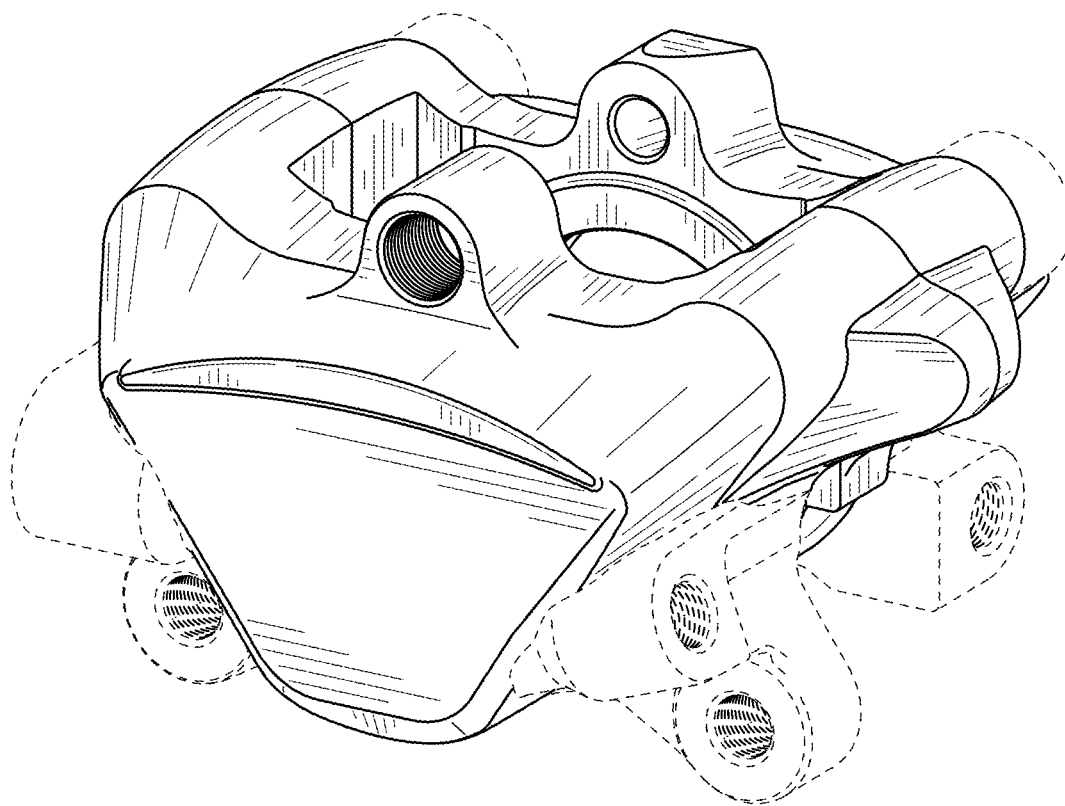


FIG. 9