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

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(54) **DRONE**

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

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(51) **LOC (11) Cl.** **12-07**

(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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D21/451, 452, 454
CPC ... B64C 29/00; B64C 2201/141; B64C 27/24;
B64C 27/30; B64C 39/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,478,847	A	8/1949	Stuart, III	
D189,462	S *	12/1960	Vogt	D12/329
3,053,480	A	9/1962	Vanderlip	
D197,038	S *	12/1963	Howard, Jr. et al.	D12/329
4,161,843	A	7/1979	Hui	
5,043,646	A	8/1991	Smith, III et al.	
5,738,300	A	4/1998	Durand	
7,302,316	B2	11/2007	Beard et al.	
7,364,114	B2	4/2008	Wobben	
7,400,950	B2	7/2008	Reich	
7,407,424	B2 *	8/2008	Choi	G01S 5/26 446/175
7,472,863	B2	1/2009	Pak	
7,584,071	B2	9/2009	Lee	
7,699,260	B2	4/2010	Hughey	
D628,658	S *	12/2010	Wurm	D21/442
7,959,104	B2	6/2011	Kuntz	
D648,809	S *	11/2011	Seydoux	D21/441

8,052,081	B2	11/2011	Olm et al.	
8,106,748	B2	1/2012	Lee	
D659,771	S *	5/2012	Seydoux	D21/441
8,175,763	B2	5/2012	Yamane et al.	
8,214,088	B2	7/2012	Lefebure	
8,265,808	B2	9/2012	Garrec et al.	
8,292,215	B2	10/2012	Olm et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

WO 2015126447 A1 8/2015

OTHER PUBLICATIONS

Sharper Image 10 in. Lunar Drone with Camera Streaming by Kohl's. dated Dec. 22, 2017. found online [Oct. 25, 2018] https://www.kohls.com/product/prd-2978559/the-sharper-innage-10-in-lunar-drone-with-cannera-streaming.jsp?skuid=84227756&ci_mcc=ci&utm_campaign=ELECTRONICS&utm_medium=CSE&utm_source=bing&CID=shopping20&utm.*

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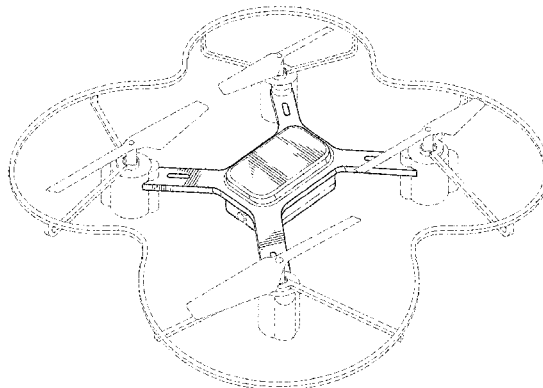
(57) **CLAIM**

I claim the ornamental design for a drone, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a drone.
FIG. 2 is a top view of the drone of FIG. 1.
FIG. 3 is a bottom view of the drone of FIG. 1.
FIG. 4 is a side view of the left side of the drone of FIG. 1.
FIG. 5 is a side view of the right side of the drone of FIG. 1.
FIG. 6 is a front view of the drone of FIG. 1; and,
FIG. 7 is a rear view of the drone of FIG. 1.
In the drawings, the broken lines depict portions of the drone that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,322,648 B2	12/2012	Kroetsch et al.	10,023,323 B1 *	7/2018	Roberts	B64D 43/00
8,328,128 B2	12/2012	Wiggerich	10,023,326 B2 *	7/2018	Byers	B64C 39/024
8,328,130 B2	12/2012	Goossen	D825,379 S *	8/2018	Gury	D12/16.1
8,594,862 B2	11/2013	Callou et al.	D825,380 S *	8/2018	Tompkin	D12/16.1
D708,272 S *	7/2014	Schmelter	D826,778 S *	8/2018	Wang	D12/16.1
8,774,982 B2	7/2014	Oakley et al.	10,040,544 B2 *	8/2018	Marcel	B64C 27/08
D710,454 S	8/2014	Barajas et al.	D830,229 S *	10/2018	Lutterodt	D12/16.1
8,794,564 B2	8/2014	Hutson	2002/0104922 A1	8/2002	Nakamura	
8,794,566 B2	8/2014	Hutson	2007/0105474 A1 *	5/2007	Gotou	A63H 27/02
8,827,200 B2	9/2014	Radu				446/37
8,931,730 B2	1/2015	Wang et al.	2008/0006737 A1	1/2008	Aircraft	
8,973,861 B2	3/2015	Zhou et al.	2008/0048065 A1 *	2/2008	Kuntz	A63H 17/00
8,983,684 B2	3/2015	Callou et al.				244/17.23
8,991,740 B2	3/2015	Olm et al.	2010/0044499 A1	2/2010	Dragan et al.	
9,004,973 B2	4/2015	Condon et al.	2010/0243794 A1	9/2010	Jermyn	
9,016,617 B2	4/2015	Wang et al.	2011/0049290 A1	3/2011	Seydoux et al.	
9,020,666 B2	4/2015	Ohtomo et al.	2011/0221692 A1 *	9/2011	Seydoux	A63H 27/12
9,051,043 B1 *	6/2015	Peeters				345/173
9,051,050 B2	6/2015	Achtelik et al.	2011/0226892 A1	9/2011	Crowther et al.	
9,061,558 B2	6/2015	Kalantari et al.	2012/0241555 A1 *	9/2012	Savoye	A63H 27/12
9,145,207 B2	9/2015	Moschetta et al.				244/54
D741,751 S *	10/2015	Klapotocz	2014/0043493 A1	2/2014	Bateman et al.	
D745,435 S *	12/2015	Park	2014/0263822 A1	9/2014	Malveaux	
9,199,733 B2	12/2015	Keennon et al.	2015/0051755 A1	2/2015	Erhart et al.	
9,221,536 B2	12/2015	Wang et al.	2015/0057844 A1 *	2/2015	Callou	G05D 1/0204
D747,775 S *	1/2016	Colin				701/3
9,260,184 B2	2/2016	Olm et al.	2015/0149000 A1 *	5/2015	Rischmuller	B64C 39/024
D751,025 S *	3/2016	Howell				701/7
D756,842 S *	5/2016	Ashjaee	2015/0331427 A1 *	11/2015	Chaudary	B64C 39/024
9,364,766 B2	6/2016	Mielniczek				244/17.13
D761,690 S *	7/2016	Friesmuth	2016/0068261 A1 *	3/2016	Niederberger	B64C 39/024
D767,043 S *	9/2016	Morrison				244/2
D776,569 S *	1/2017	Baruchin	2016/0100093 A1	4/2016	Schild et al.	
D776,570 S *	1/2017	Baruchin	2016/0104384 A1	4/2016	Hanel et al.	
D780,062 S *	2/2017	Wu	2016/0272312 A1 *	9/2016	Mallard	B64C 29/0033
D784,854 S *	4/2017	Huang	2016/0332851 A1 *	11/2016	Bialkowski	B64C 39/024
9,632,509 B1 *	4/2017	Aphek	2016/0376004 A1 *	12/2016	Claridge	B64C 19/00
D787,372 S *	5/2017	Ketcher				701/3
D789,248 S *	6/2017	Ketcher	2017/0073070 A1 *	3/2017	Xing	B64C 39/024
D789,457 S *	6/2017	McCartin	2017/0084181 A1 *	3/2017	Wilson	G08G 5/0069
D795,967 S *	8/2017	Haley	2017/0113816 A1 *	4/2017	High	B64C 39/022
9,738,381 B1 *	8/2017	Loud	2017/0144751 A1 *	5/2017	Yu	B64C 27/001
D796,414 S *	9/2017	Fenny	2017/0174316 A1 *	6/2017	Huddleston, Jr.	B64C 11/00
D797,859 S *	9/2017	Caubel	2017/0174317 A1 *	6/2017	Beckman	B64C 11/00
D798,961 S *	10/2017	Li	2017/0197731 A1 *	7/2017	Yang	B64F 1/04
D800,016 S *	10/2017	Huang	2017/0267334 A1 *	9/2017	Tsai	G06T 7/11
D806,607 S *	1/2018	Zhydanov	2017/0274983 A1 *	9/2017	Beckman	B64C 11/48
D808,301 S *	1/2018	Goldy	2017/0277187 A1 *	9/2017	Refai	G06T 7/30
D808,329 S *	1/2018	Parks	2017/0291700 A1 *	10/2017	Mohyi	B64C 27/20
D810,653 S *	2/2018	Hu	2017/0293884 A1 *	10/2017	Cheatham	G06Q 10/0835
D813,723 S *	3/2018	Ahn	2017/0313418 A1 *	11/2017	Yoon	B64C 27/08
D814,972 S *	4/2018	Ahn	2017/0341776 A1 *	11/2017	McClure	B64D 47/08
D816,581 S *	5/2018	Zhao	2018/0029704 A1 *	2/2018	Milani	B64C 29/0033
D816,583 S *	5/2018	Dutertre	2018/0037317 A1 *	2/2018	Ichihara	B64C 27/08
D818,874 S *	5/2018	Tian	2018/0072428 A1 *	3/2018	Adachi	B64C 39/02
D820,158 S *	6/2018	Jeong	2018/0105271 A1 *	4/2018	Wypyszynski	B64D 1/02
			2018/0208070 A1 *	7/2018	Sanchez	B60L 11/1824
			2018/0217614 A1 *	8/2018	Salas-Moreno	B64C 39/024

* cited by examiner

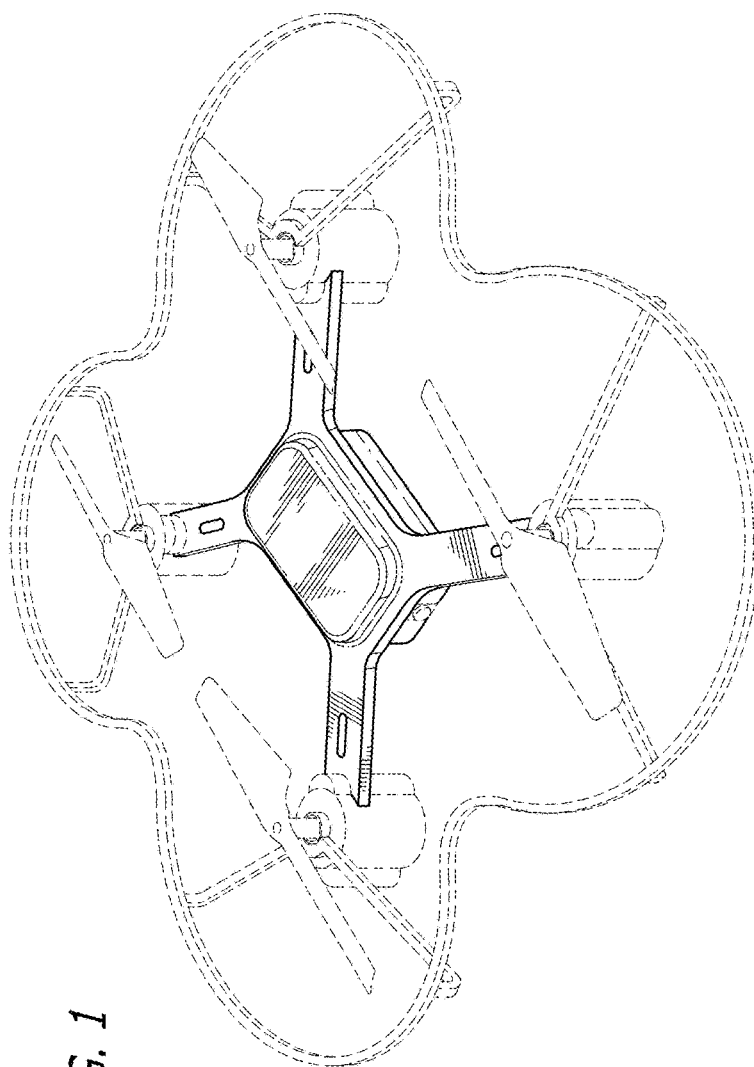


FIG. 1

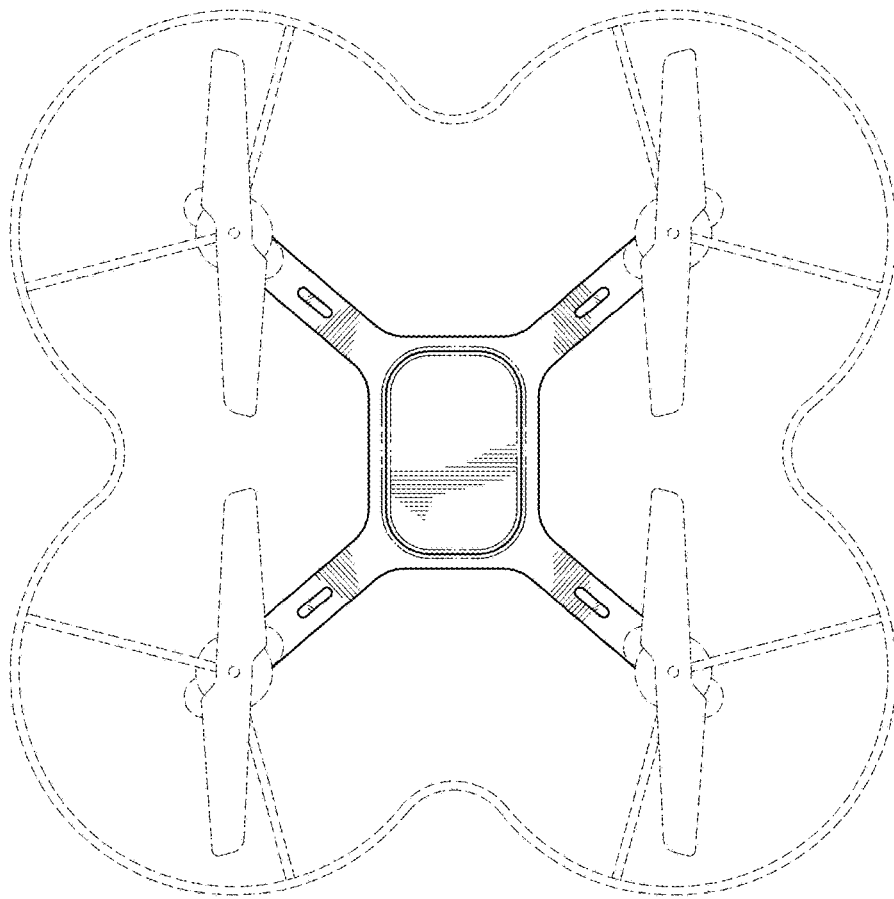


FIG. 2

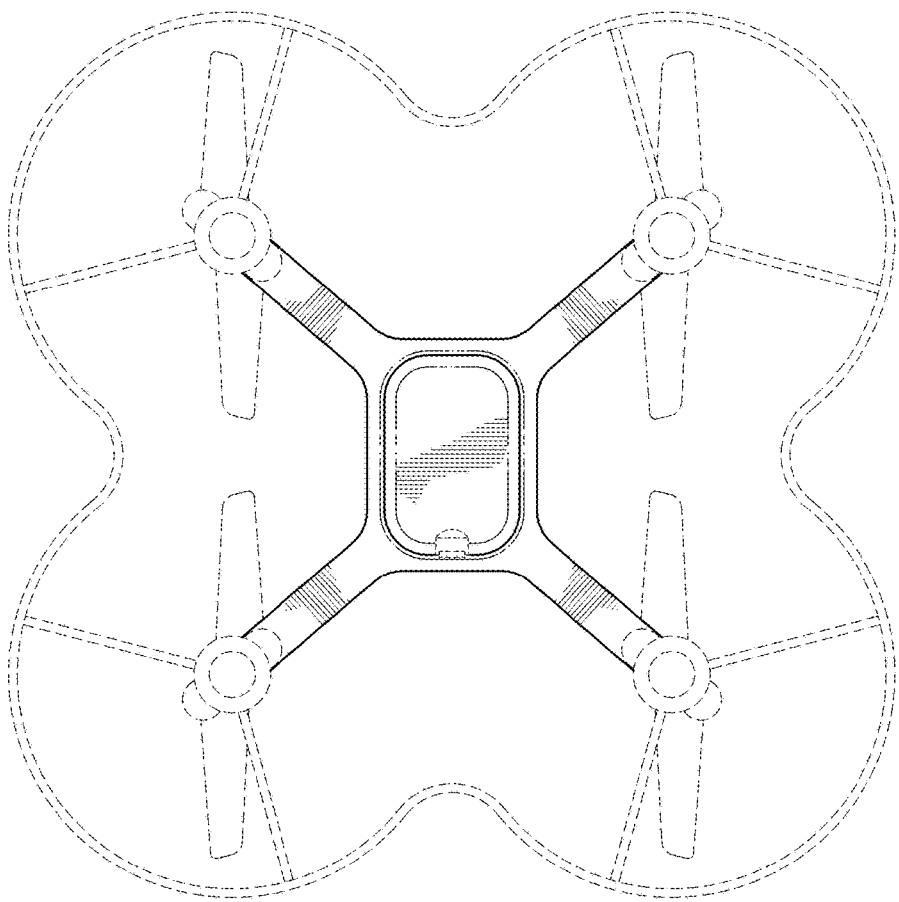


FIG. 3

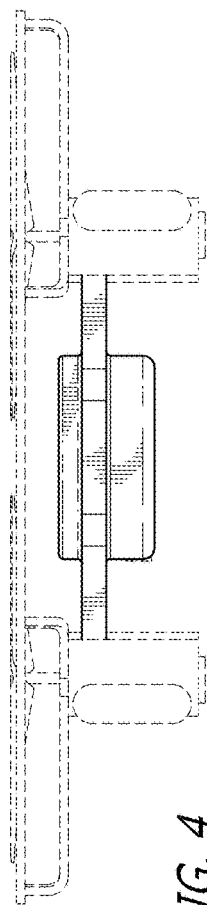


FIG. 4

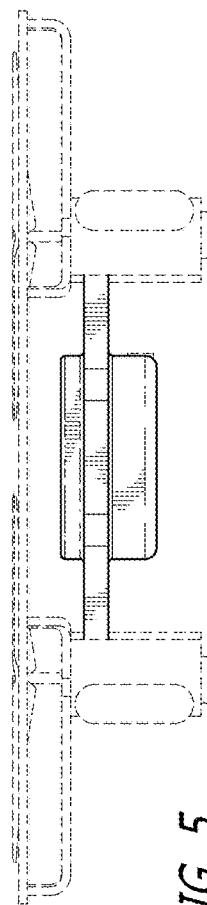


FIG. 5

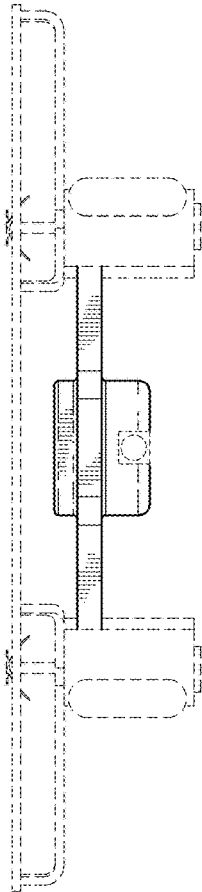


FIG. 6

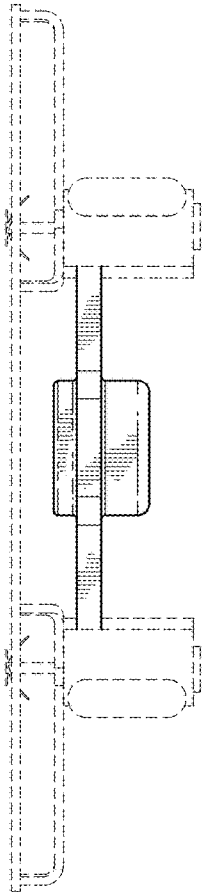


FIG. 7