



US00D813761S

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

(10) **Patent No.:** **US D813,761 S**  
(45) **Date of Patent:** **\*\* Mar. 27, 2018**

(54) **CONTROLLER OF AN UNMANNED AERIAL VEHICLE**

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

(21) Appl. No.: **29/534,539**

(22) Filed: **Jul. 29, 2015**

(51) **LOC (11) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/174**

(58) **Field of Classification Search**  
USPC ..... D12/114, 121, 125, 174, 179, 180, 203, D12/400, 415, 16.1, 14  
CPC ..... Y10T 74/20534; Y10T 74/20888; Y10T 428/24008; Y10T 428/169; Y10T 74/209; Y10T 74/20912; Y10T 428/24479; Y10T 428/24355; Y10T 428/24025; Y10T 428/24017; Y10T 428/24; B32B 2266/0235; B32B 2266/0278; B32B 2307/102; B32B 2419/04; B32B 2471/04; B64C 2201/024; B64C 2201/042; B64C 2201/146; B64C 2201/201; G05D 1/06; B60P 1/00; B60P 3/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,980,138 A \* 11/1934 Statz ..... B21C 47/006  
242/533.7  
2,166,866 A \* 7/1939 Hansen ..... B60K 31/06  
123/337

2,270,902 A \* 1/1942 Rubissow ..... F16F 7/108  
114/74 A  
2,421,866 A \* 6/1947 Benzel ..... B64C 25/44  
74/102  
2,494,929 A \* 1/1950 Colaluca ..... A63B 67/14  
473/588  
2,536,939 A \* 1/1951 Johnson ..... B65H 75/26  
242/419  
2,691,627 A \* 10/1954 Johnson ..... B44C 1/04  
205/121  
3,191,921 A \* 6/1965 Johnson ..... C21C 5/4633  
165/81  
3,913,918 A \* 10/1975 Trachtman ..... A63F 7/0668  
273/126 R

(Continued)

OTHER PUBLICATIONS

Red Bowler Shuffle Alley Extra Large Puck, image post date , site visited Sep. 18, 2016, (online), <<https://www.tineye.com/search/684860c816897b941a78ac54d57d3209b921aa1e/>>.\*

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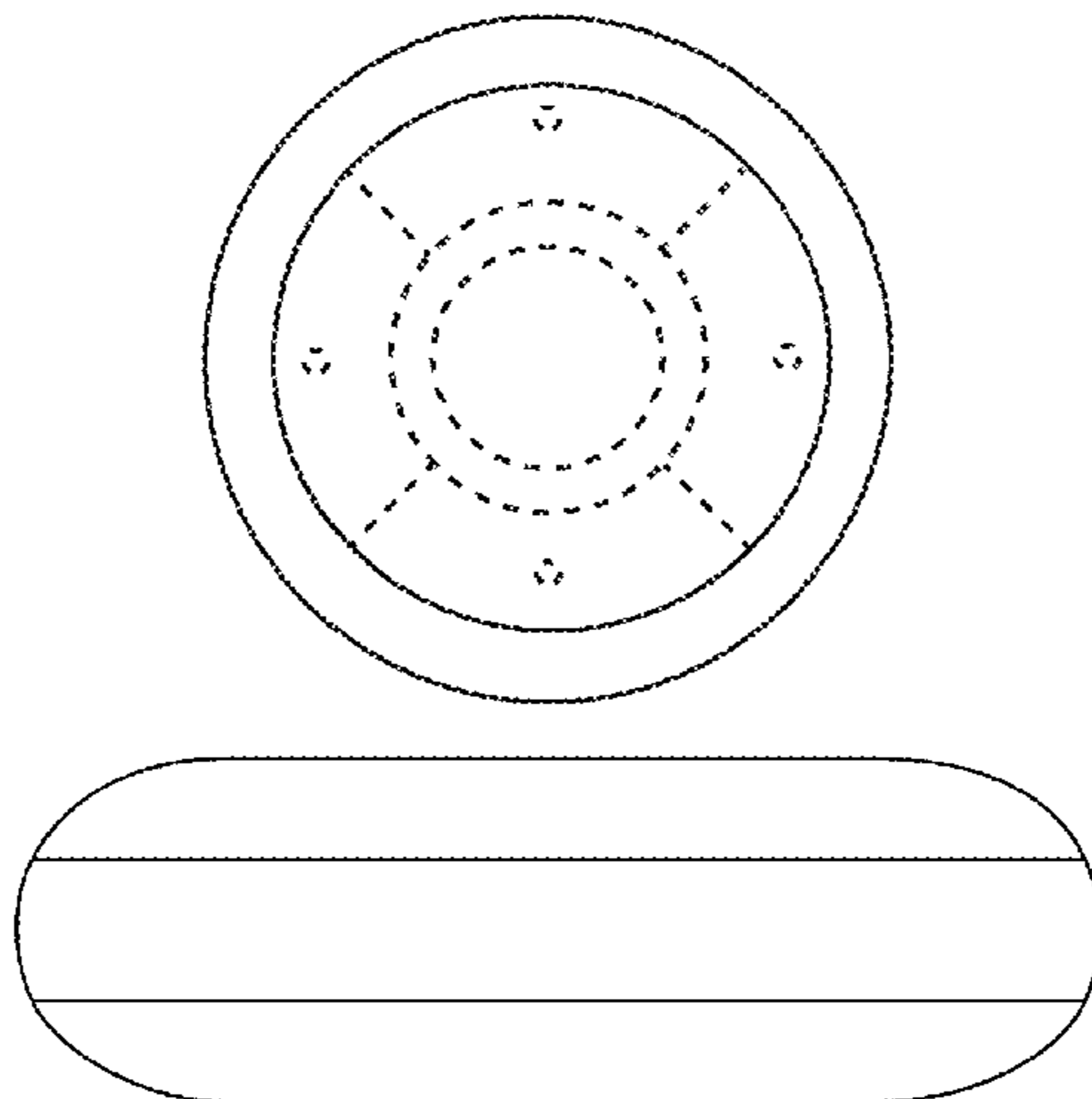
(57) **CLAIM**

The ornamental design for a controller of an unmanned aerial vehicle, as shown and described.

**DESCRIPTION**

FIG. 1 is a top view of a controller of an unmanned aerial vehicle; and,  
FIG. 2 is a side view thereof.  
The broken lines present in FIG. 1 illustrate portions of the controller of an unmanned aerial vehicle that form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

3,987,507 A \* 10/1976 Hall ..... A47C 7/18  
297/DIG. 1  
4,847,090 A \* 7/1989 Della Posta ..... A23G 3/2061  
264/152  
5,239,941 A \* 8/1993 Chibi ..... A63C 17/1409  
188/2 D  
D367,444 S \* 2/1996 Davidson ..... D12/126  
5,513,750 A \* 5/1996 Rychel ..... A63C 17/00  
206/303  
D371,958 S \* 7/1996 Keaton ..... D7/388  
5,531,442 A \* 7/1996 Gill ..... A63B 67/14  
446/121  
5,709,385 A \* 1/1998 Fitzpatrick ..... A63F 3/00028  
273/108.1  
5,718,499 A \* 2/1998 De Caro ..... A63C 17/22  
280/11.203  
D391,944 S \* 3/1998 Han ..... D14/356  
5,789,008 A \* 8/1998 Monte ..... A21D 13/0009  
426/101  
5,792,012 A \* 8/1998 Dudley ..... A63B 67/14  
473/588  
5,901,981 A \* 5/1999 Lucht ..... A63C 17/006  
280/11.212  
D427,549 S \* 7/2000 White ..... D12/114  
D428,955 S \* 8/2000 Peterson ..... D21/801  
6,126,561 A \* 10/2000 Mark ..... A63B 67/14  
473/588  
6,293,565 B1 \* 9/2001 Bouchard ..... A63C 17/01  
280/11.222  
6,435,524 B1 \* 8/2002 Kuncz ..... A63C 17/0046  
280/11.205  
6,485,169 B1 \* 11/2002 Ragner ..... A63C 17/22  
315/154  
D491,864 S \* 6/2004 Hovren ..... D12/204  
6,746,291 B1 \* 6/2004 Coleman ..... B63B 35/74  
280/18.1  
6,796,617 B2 \* 9/2004 Black ..... A63C 17/22  
152/323  
6,836,524 B1 \* 12/2004 Lee ..... G01C 22/006  
377/24.2  
D518,134 S \* 3/2006 Peterson ..... D21/770  
D526,916 S \* 8/2006 Oas ..... D10/70  
7,093,839 B2 \* 8/2006 Anderson ..... A63C 17/006  
280/11.206  
7,134,979 B2 \* 11/2006 Edwards ..... A63B 67/14  
473/588  
D533,781 S \* 12/2006 Freisem ..... D9/449  
D537,004 S \* 2/2007 Eden ..... D10/70  
D539,469 S \* 3/2007 Chen ..... D1/128  
7,204,330 B1 \* 4/2007 Lauren ..... A63C 17/12  
180/181  
D552,202 S \* 10/2007 Peterson ..... D21/803  
D553,414 S \* 10/2007 Boutin ..... D6/601  
D558,635 S \* 1/2008 Glassman ..... D11/80  
7,425,097 B1 \* 9/2008 Chappell ..... G01C 19/16  
384/108  
D583,180 S \* 12/2008 Haile ..... D6/601  
D595,619 S \* 7/2009 Morrow ..... D12/123  
7,621,530 B2 \* 11/2009 Lany ..... A63F 7/0005  
273/126 R  
D620,543 S \* 7/2010 Romagnuolo ..... D21/803  
7,926,824 B2 \* 4/2011 Quendez ..... A63C 17/065  
280/11.207  
D643,412 S \* 8/2011 Brady ..... D14/218  
D653,392 S \* 1/2012 Pflug ..... D28/8.1  
D661,975 S \* 6/2012 Mahaffey ..... D8/330  
D668,164 S \* 10/2012 Cowles ..... D10/70  
8,317,138 B1 \* 11/2012 Johnson, Jr. .... A47G 21/145  
206/349  
8,342,925 B2 \* 1/2013 Martin ..... A63B 24/0021  
463/2  
D678,447 S \* 3/2013 Peterson ..... D21/803  
D683,636 S \* 6/2013 Levanen ..... D10/70

8,566,986 B1 \* 10/2013 Chu ..... A47G 9/1045  
5/636  
8,646,721 B2 \* 2/2014 Chapman ..... B64C 27/20  
239/265.39  
D719,165 S \* 12/2014 Hill ..... D14/412  
8,979,096 B2 \* 3/2015 Tillis ..... A63C 17/0073  
280/11.206  
9,108,713 B2 \* 8/2015 Tao ..... B64C 3/44  
D742,430 S \* 11/2015 Moris ..... D15/78  
D747,984 S \* 1/2016 Zhao ..... D10/52  
D751,655 S \* 3/2016 Januszek ..... D21/662  
D758,262 S \* 6/2016 Rigolio ..... D12/178  
D759,142 S \* 6/2016 Hinkel ..... D16/203  
D760,228 S \* 6/2016 Asano ..... D14/412  
D760,624 S \* 7/2016 Balaresque ..... D12/16.1  
D762,764 S \* 8/2016 Wilk ..... D17/13  
D763,341 S \* 8/2016 Hinkel ..... D16/203  
D763,969 S \* 8/2016 Jeager ..... D21/443  
D765,070 S \* 8/2016 Franklin ..... D14/253  
2010/0234998 A1 \* 9/2010 Kim ..... A47L 9/2805  
700/259  
2011/0043606 A1 \* 2/2011 Yang ..... B60R 11/04  
348/37  
2012/0019627 A1 \* 1/2012 Choi ..... A47L 9/009  
348/50  
2012/0222224 A1 \* 9/2012 Yoon ..... A47L 11/33  
15/52.1  
2012/0263450 A1 \* 10/2012 Totani ..... B60R 11/04  
396/428  
2013/0118528 A1 \* 5/2013 Kim ..... G05D 1/0219  
134/18  
2013/0199570 A1 \* 8/2013 Lee ..... G05D 1/0234  
134/18  
2013/0326839 A1 \* 12/2013 Cho ..... A47L 9/2805  
15/319  
2014/0116469 A1 \* 5/2014 Kim ..... A47L 9/2894  
134/18  
2014/0347440 A1 \* 11/2014 Hatcher ..... B60R 11/04  
348/36  
2014/0375809 A1 \* 12/2014 Song ..... H04N 5/2252  
348/148  
2015/0120304 A1 \* 4/2015 Yamashita ..... G10L 15/22  
704/270.1

OTHER PUBLICATIONS

Roller-hockey slalom freeride roller wheel, image post date Dec. 26, 2011, site visited Sep. 18, 2016, (online), <<http://www.online-skating.com/articles-761-anatomy-of-an-inline-skate-wheel.html>>.\*  
K2 Inline Skate Wheel, image post date Mar. 20, 2015, site visited Sep. 18, 2016, (online), <<https://www.tineye.com/search/ff251660d5f9a8127e0a25e401bd2723c23eefc4/>>.\*  
Dutch shuffleboard wooden disc, image post date Apr. 26, 2015, site visited Sep. 18, 2016, (online), <<http://shuffleboardmcluretables.com/comparing-table-shuffleboard-with-dutch-shuffleboard-sjoelen/#comment-61923>>.\*  
Aquabells Travel Water Filled Exercise Dumbbells, image post date Jul. 9, 2007, site visited Sep. 17, 2016, (online), <<https://www.amazon.com/Aquabells-Travel-Filled-Exercise-Dumbbells/dp/B000AQK20M>>.\*  
Simon Full Size Game, image post date 2014, site visited Sep. 17, 2016, (online), <[http://www.christianbook.com/simon-full-size-game/pd/018975X?dv=c&en=google&event=SHOP&kw=games-0-20%7C018975X&p=1179710&gclid=CLHV\\_rfgl88CFQ1ahgodDX8BnA](http://www.christianbook.com/simon-full-size-game/pd/018975X?dv=c&en=google&event=SHOP&kw=games-0-20%7C018975X&p=1179710&gclid=CLHV_rfgl88CFQ1ahgodDX8BnA)>.\*  
Free Simon Game, image post date Mar. 10, 2010, site visited Sep. 17, 2016, (online), <<https://www.tineye.com/search/cc7f954bb8cb6d946c2f53786a4999e57e08babc/>>.\*

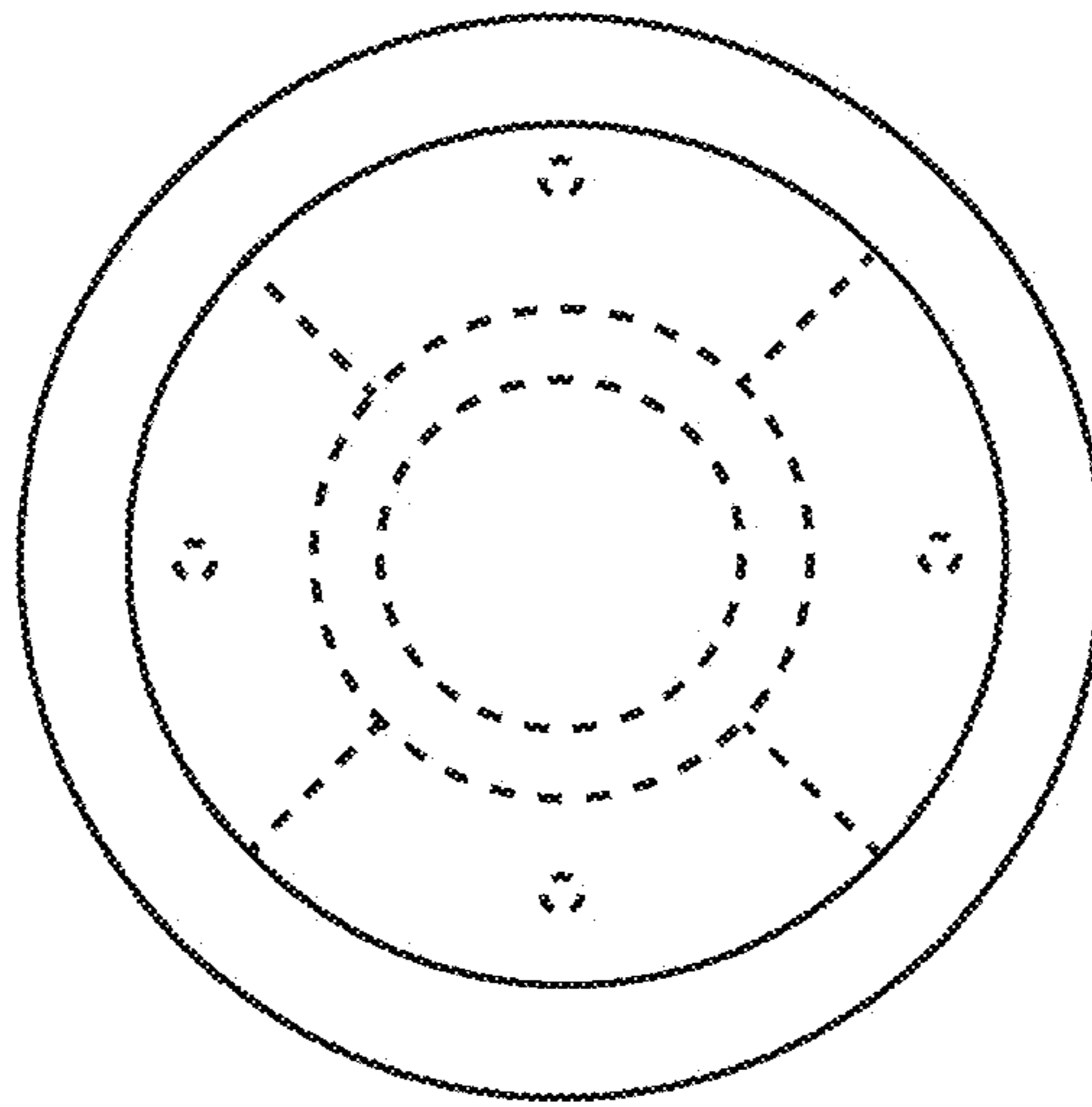
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**References Cited**

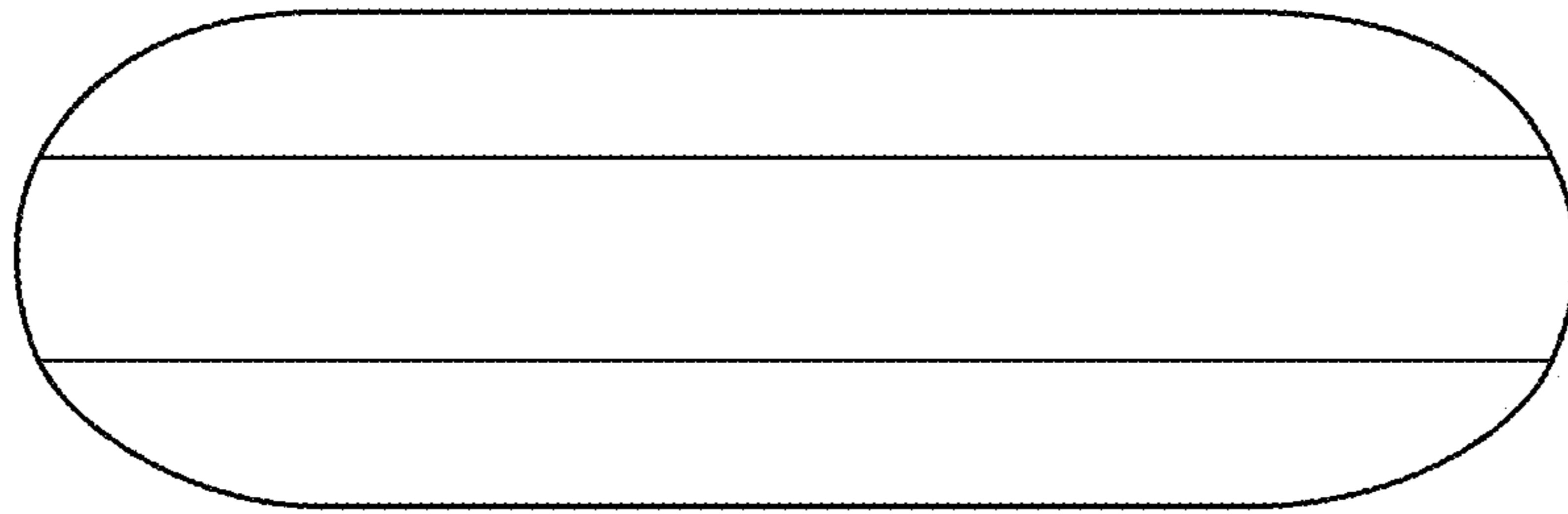
OTHER PUBLICATIONS

Lily camera drone remote, image post date May 12, 2015, site visited Sep. 28, 2016, (online), <<http://www.slashgear.com/lily-camera-drone-hands-on-aerial-video-no-pilot-required-12383161/>>.\*

\* cited by examiner



**FIG. 1**



***FIG. 2***