



US00D842335S

(12) **United States Design Patent** (10) **Patent No.:** **US D842,335 S**
Taylor et al. (45) **Date of Patent:** **** Mar. 5, 2019**

(54) **AVIONICS DISPLAY WITH ICON**

OTHER PUBLICATIONS

(71) Applicant: **Rockwell Collins, Inc.**, Cedar Rapids, IA (US)
(72) Inventors: **Max G. Taylor**, Hiawatha, IA (US); **Shawn M. Spencer**, Cedar Rapids, IA (US); **Jennifer A. Myren**, Marion, IA (US); **Matthew Jacob Cunnien**, Marion, IA (US); **Michael J. Armstrong**, Central City, IA (US); **Peter J. Flugstad**, Marion, IA (US); **Roy Allen Rhodes**, Marion, IA (US); **Ryan J. Olson**, Marion, IA (US); **Scott E. Schultz**, Cedar Rapids, IA (US)

Human Characters, iconswebsite.com [online], published on Mar. 24, 2012, [retrieved on Sep. 26, 2018], retrieved from the Internet <URL: <http://iconswebsite.com/shutterstock-image/seo-3d-little-human-characters-x-4-with-parachutes-and-tablet-pad-computers-landing-on-target-people-series-98375066.html>> (Year: 2012).*

(Continued)

Primary Examiner — Cathron C Brooks
Assistant Examiner — Ian F Whitmore
(74) *Attorney, Agent, or Firm* — Angel N. Gerdzhikov; Donna P. Suchy; Daniel M. Barbieri

(73) Assignee: **Rockwell Collins, Inc.**, Cedar Rapids, IA (US)

(57) **CLAIM**

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

The ornamental design for the avionics display with icon, as shown and described.

(21) Appl. No.: **29/655,234**

(22) Filed: **Jul. 2, 2018**

DESCRIPTION

Related U.S. Application Data

(62) Division of application No. 29/501,517, filed on Sep. 4, 2014, now Pat. No. Des. 822,060.
(51) **LOC (11) Cl.** **14-04**
(52) **U.S. Cl.**
USPC **D14/489**
(58) **Field of Classification Search**
USPC D14/485-495; D18/24-33; D20/10, 11, D20/22-33, 39, 40; D5/20, 26, 30, 40, D5/63-65

A portion of the disclosure of this patent document contains material subject to copyright protection. The copyright owner has no objection to the facsimile reproduction by anyone of the patent document or the patent disclosure, as it appears in the Patent and Trademark Office patent file or records, but otherwise reserves all copyright rights whatsoever.

The FIGURE is a front view of a portion of an avionics display with icon showing the claimed design.

The claimed design for an “avionics display with icon” is used as a visual instrument interface for assisting spatial awareness of loading and unloading position, and the position of other aircraft.

The outermost broken-line rectangle illustrates a portion of an avionics display and forms no part of the claimed design. The remaining broken lines illustrate portions of a graphical use interface and form no part of the claimed design.

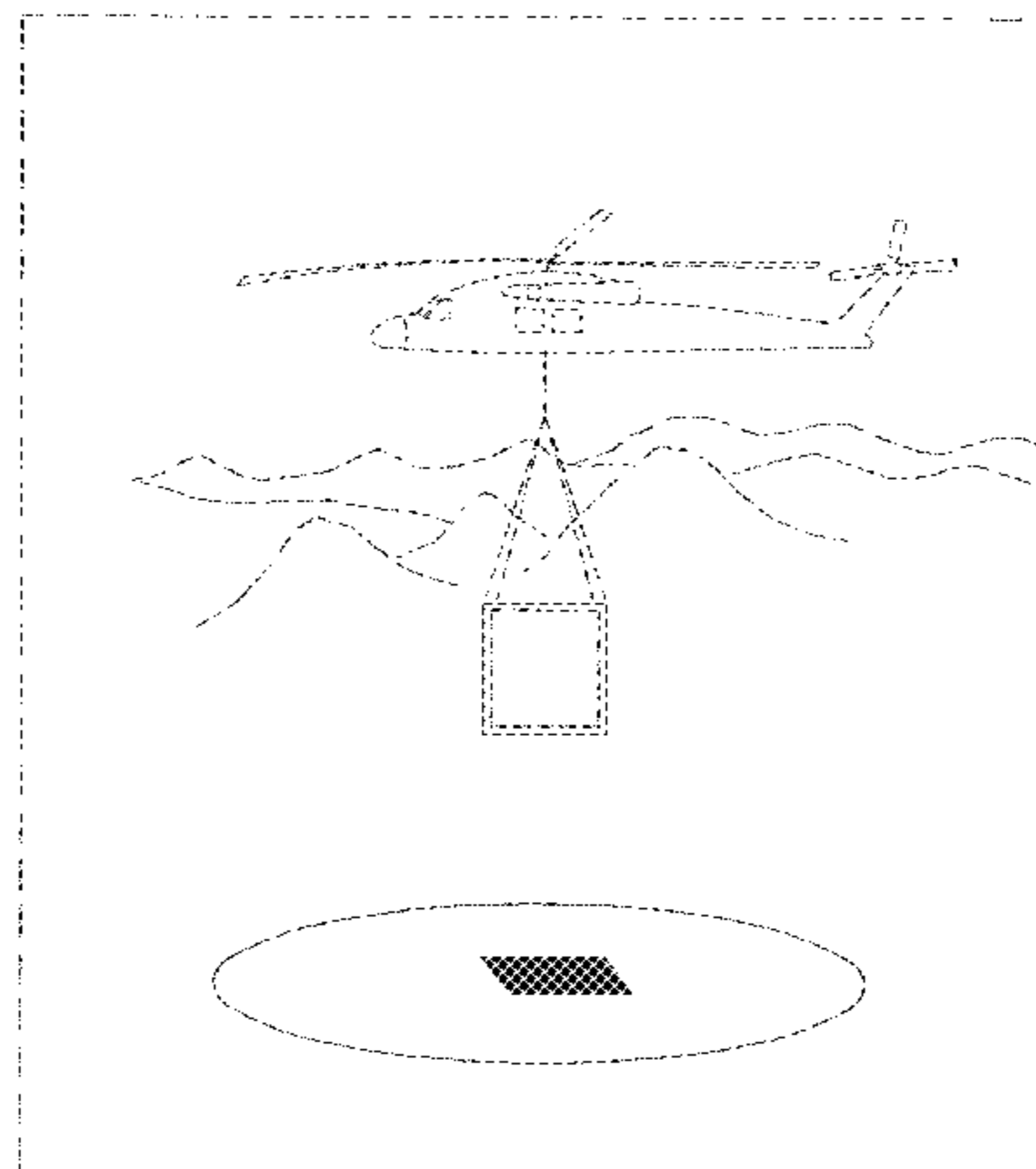
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D29,479 S 10/1898 Barth
D103,207 S * 2/1937 Baack D21/354
(Continued)

1 Claim, 1 Drawing Sheet



© Rockwell Collins, Inc.

(58) **Field of Classification Search**
 CPC G06F 3/048–3/04897; G06F 17/50; G06F
 3/033; G06F 17/30061; A63F 2300/66;
 A63F 2300/8082; H04L 29/08684; G01C
 21/36
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D263,605 S * 3/1982 Zborowsky D19/1
 D340,265 S * 10/1993 St. Pierre D21/376
 5,415,549 A 5/1995 Logg
 5,425,109 A 6/1995 Saga et al.
 5,490,241 A * 2/1996 Mallgren G06F 3/04842
 345/419
 D406,263 S * 3/1999 Wilsher D14/487
 D432,100 S 10/2000 Zink et al.
 6,184,860 B1 2/2001 Yamakawa
 D448,422 S 9/2001 Fredriksson
 6,334,211 B1 12/2001 Kojima et al.
 D459,362 S 6/2002 Platz et al.
 D466,904 S * 12/2002 McIntosh D14/485
 6,657,627 B1 12/2003 Wada et al.
 6,961,070 B1 * 11/2005 Madison F41J 5/14
 273/351
 D547,365 S * 7/2007 Reyes D18/27
 D568,336 S 5/2008 Miglietta et al.
 D580,947 S 11/2008 Onai et al.
 7,516,416 B2 4/2009 Viswanathan et al.
 D598,029 S 8/2009 Lara et al.
 D601,571 S 10/2009 Vu et al.
 D602,031 S 10/2009 Vu et al.
 D602,945 S * 10/2009 Watanabe D14/489
 D607,893 S * 1/2010 Kanga D14/485
 D625,318 S 10/2010 Jasinski
 D644,241 S 8/2011 Lemay
 D647,128 S 10/2011 Lewis et al.
 D652,842 S 1/2012 Obama et al.
 D664,150 S 7/2012 Boyer et al.
 D667,429 S * 9/2012 Wujcik D14/489
 D669,088 S 10/2012 Boyer et al.
 D681,668 S * 5/2013 Phelan D14/489
 D703,692 S 4/2014 Phelan
 8,803,727 B2 8/2014 Muensterer et al.
 8,994,738 B1 * 3/2015 Hernandez Esteban
 G06T 13/80
 345/475
 D726,758 S 4/2015 Bourret et al.
 D727,335 S * 4/2015 Allison D14/485
 D729,819 S 5/2015 Beaty
 D758,395 S 6/2016 Gutierrez et al.
 D758,434 S 6/2016 Lee et al.
 D759,698 S 6/2016 Kirsch et al.
 D760,234 S 6/2016 Aoshima
 D761,313 S 7/2016 Quinn et al.
 D761,808 S 7/2016 Quinn et al.
 D761,834 S 7/2016 Debitsch et al.
 D763,301 S 8/2016 Murillo et al.
 D766,321 S 9/2016 Han et al.
 D768,184 S 10/2016 Mariet et al.
 D770,522 S 11/2016 Crone et al.
 D772,267 S 11/2016 Tanabe et al.
 D772,289 S * 11/2016 Dzijind D14/488
 D775,199 S * 12/2016 Vulk D14/489
 D778,949 S 2/2017 Han et al.
 D781,914 S * 3/2017 Willis D14/492
 D782,502 S 3/2017 Wu
 D782,505 S 3/2017 Miao et al.
 D782,515 S 3/2017 Dzijind et al.
 D783,676 S 4/2017 Kim et al.
 D784,399 S 4/2017 Herrera et al.
 D792,894 S 7/2017 Dzijind et al.
 D794,649 S * 8/2017 Niijima D14/485
 D799,541 S 10/2017 Greff
 D808,411 S * 1/2018 Lowell D14/486
 D812,077 S * 3/2018 Watanabe D14/486

D815,665 S * 4/2018 Li D14/488
 D816,703 S * 5/2018 Willis D14/486
 D819,074 S 5/2018 Chow et al.
 D820,305 S 6/2018 Clediere
 D822,057 S * 7/2018 Kim D14/489
 D822,060 S 7/2018 Taylor et al.
 D824,932 S 8/2018 Joensson et al.
 2004/0056859 A1 3/2004 Ohba et al.
 2004/0183697 A1 9/2004 Rogers et al.
 2006/0112335 A1 * 5/2006 Hofmeister G06F 3/0488
 715/701
 2007/0182590 A1 8/2007 Younkin
 2007/0222665 A1 9/2007 Koeneman
 2008/0034331 A1 * 2/2008 Josephsoon G06F 3/011
 715/863
 2008/0036776 A1 2/2008 Niles et al.
 2008/0040024 A1 * 2/2008 Silva G01C 21/3635
 701/436
 2008/0111814 A1 5/2008 Sengamedu et al.
 2008/0180406 A1 7/2008 Han et al.
 2008/0295037 A1 11/2008 Cao et al.
 2009/0278850 A1 11/2009 Shinkawa et al.
 2010/0001998 A1 1/2010 Mandella et al.
 2010/0090968 A1 4/2010 Lee et al.
 2010/0194746 A1 8/2010 Barbina et al.
 2010/0204953 A1 8/2010 Onishi et al.
 2012/0151394 A1 6/2012 Locke
 2012/0313946 A1 * 12/2012 Nakamura G06F 3/04815
 345/426
 2013/0167001 A1 * 6/2013 De Angelis G06F 17/30861
 715/211
 2013/0229391 A1 9/2013 DiVerdi
 2013/0325316 A1 12/2013 Vos et al.
 2014/0024365 A1 1/2014 Mitchell
 2014/0081484 A1 3/2014 Covington et al.
 2014/0324253 A1 10/2014 Duggan et al.
 2015/0015481 A1 1/2015 Li
 2015/0020020 A1 1/2015 White
 2015/0177957 A1 6/2015 Bae et al.
 2017/0020301 A1 1/2017 Woolfson et al.
 2017/0097762 A1 4/2017 Sugano
 2018/0033195 A1 2/2018 Nagano et al.
 2018/0095645 A1 4/2018 Subudhi et al.

OTHER PUBLICATIONS

Simple Shape Icons, iconswebsite.com [online], published on Nov. 8, 2006, [retrieved on Sep. 27, 2018], retrieved from the Internet <URL: <http://iconswebsite.com/shutterstock-image/simple-shape-icons-light-version-2135935.html>> (Year: 2006).*

Black and White Vector Illustration of Parachutist, iconswebsite.com [online], published on Apr. 18, 2013, [retrieved on Sep. 27, 2018], retrieved from the Internet <URL: <http://iconswebsite.com/shutterstock-image/black-and-white-vector-illustration-of-parachutist-135520616.html>> (Year: 2013).*

Trademark Registration Serial No. 72358041, May 1, 1966 (first use date), (Registrant) Liberty Plastics & Metals Co. Corporation, Kentucky, (Year: 1966).*

Vector Black Target Set, shutterstock.com [online], published on or before Dec. 18, 2013, [retrieved on Nov. 27, 2018], retrieved from the Internet <URL: https://www.shutterstock.com/image-vector/vector-black-target-icons-set-154680341?irgwc=1&utm_medium> (Year: 2013).*

Architectural Drawing, by Field, the McGraw-Hill Book Company, Inc., New York, NY © 1922, p. 36 (Year: 1922).*

Bouncing Cube—(Shadow Test), by SimpaComVFX, YouTube [online], published on Aug. 18, 2013, [retrieved on Nov. 28, 2018], retrieved from the Internet <URL: <https://www.youtube.com/watch?v=TLPqHNEVTvQ>> (Year: 2013).*

Adaptive Control System for Autonomous Helicopter Slung Load Operations, by Bisgaard et al., sciencedirect.com [online], published on Jul. 2010, [retrieved on Feb. 7, 2018], retrieved from the Internet <URL: <https://www.sciencedirect.com/science/article/pii/S0967066110000341>> (Year: 2010).

(56)

References Cited

OTHER PUBLICATIONS

Azimuth, maryrosaries.com [online], published Oct. 27, 2010, [retrieved Oct. 17, 2017], retrieved from the Internet <URL: http://www.maryrosaries.com/collaboration/index.php?title=File:Azimuth_003.svg.png>.

Geocentric Coordinates, by Mercator, wikipedia.org [online], published Dec. 18, 2011, [retrieved Oct. 17, 2017], retrieved from the Internet <URL: https://en.wikipedia.org/wiki/File:Geocentric_coordinates.svg>.

Symbol Sourcebook, by Dreyfuss, Van Nostrand Reinhold Company, Inc., New York, NY © 1972, p. 26-27.

Understanding Gyroscopes, by Van Belle, readingfeynman.org [online], published Jun. 9, 2014, [retrieved Oct. 16, 2017], retrieved from the Internet <URL: <https://readingfeynman.org/tag/rotational-motion/>>.

3DHelicopter Parking Simulator Games, 148apps.com [online], published on May 11, 2014, [retrieved on Feb. 7, 2018], retrieved from the Internet <URL: <http://www.148apps.com/app/859930514/>> (Year: 2014).

Lecture 1—Aerial Photogrammetry, by Virajain, slideshare.net [online], published on Jan. 18, 2014, [retrieved on Sep. 26, 2018], retrieved from the Internet, <https://www.slideshare.net/virajain/lecture-1aerial-photogrammetry>, 2014.

Helpful Settings for Plotting 3D Solids in AutoCAD, autocadtips1.com [online], published on Jun. 19, 2014, [retrieved on Sep. 28, 2018], retrieved from the Internet, <https://autocadtips1.com/2014/06/19/helpful-settings-for-plotting-3d-solids-in-autocad/>, 2014.

Messaging Link Icon, by Icons8, iconarchive.com [online], published on Jul. 24, 2014, [retrieved on Sep. 26, 2018], retrieved from the internet <http://www.iconarchive.com/show/ios7-icons-by-icons8/Messaging-Link-icon-html>, 2014.

Trademark Registration Serial No. 77758821, Aug. 31, 2007 (first use date), (Registrant) Women's Leadership Exchange LLC, New York, 2007.

Trademark Registration Serial No. 78066750, Apr. 23, 2002 (first use date), (Registrant) Espinosa, Christopher Thomas, Texas, 2002.

Trademark Registration Serial No. 72163407, Jan. 10, 1963 (first use date), (Registrant) Rocket Power Inc., Arizona, 1963.

Trademark Registration Serial No. 71008670, Apr. 29, 1874 (first use date), (Registrant) Baldwins, Limited Corporation, Great Britain, 1874.

Trademark Registration Serial No. 73634879, Oct. 15, 1986 (first use date), (Registrant) Tai First Enterprises, Ltd, Taiwan, 1986.

* cited by examiner

