



US00D928191S

(12) **United States Design Patent** (10) **Patent No.:** **US D928,191 S**
Ebler et al. (45) **Date of Patent:** **** Aug. 17, 2021**

(54) **DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE FOR A CLAMP DISPLAY OF A CARDIOPULMONARY BYPASS MACHINE SYSTEM**

D415,134 S 10/1999 Culp
D419,543 S 1/2000 Warren
D422,986 S * 4/2000 Williams, Jr. D14/492
D427,574 S 7/2000 Sawada
D468,748 S 1/2003 Inagaki
D474,198 S 5/2003 Barnes
D479,720 S 9/2003 Ohashi

(71) Applicant: **Maquet Cardiopulmonary GmbH**, Rastatt (DE)

(Continued)

(72) Inventors: **Ralph J. Ebler**, Warwick, NY (US);
Susan Hebert, Lake Hiawatha, NJ (US)

FOREIGN PATENT DOCUMENTS

JP 1294399 1/2007
JP 1437253 3/2012

(73) Assignee: **MAQUET CARDIOPULMONARY GMBH**, Rastatt (DE)

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/725,872**

Japanese Office Action dated Feb. 22, 2019 during the prosecution of Japanese Design Patent Application No. 2018-000284, 5 pages.

(22) Filed: **Feb. 27, 2020**

(Continued)

Related U.S. Application Data

Primary Examiner — Darlington Ly

(62) Division of application No. 29/627,877, filed on Nov. 30, 2017, now Pat. No. Des. 879,122.

Assistant Examiner — Katherine A Holbrow

(51) **LOC (13) Cl.** **14-04**

(74) *Attorney, Agent, or Firm* — Wesley Scott Ashton

(52) **U.S. Cl.**
USPC **D14/486**; D14/492

(57) **CLAIM**

(58) **Field of Classification Search**
USPC D14/485–495
CPC .. G06F 3/0481; G06F 3/0482; G06F 3/04842;
G06F 3/0488; G06F 3/04817; G06F
19/3418; G06F 19/00; G06T 2200/24;
A63F 2001/001

The ornamental design for a display screen or portion thereof with graphical user interface for a clamp display of a cardiopulmonary bypass machine system, as shown and described.

See application file for complete search history.

DESCRIPTION

(56) **References Cited**

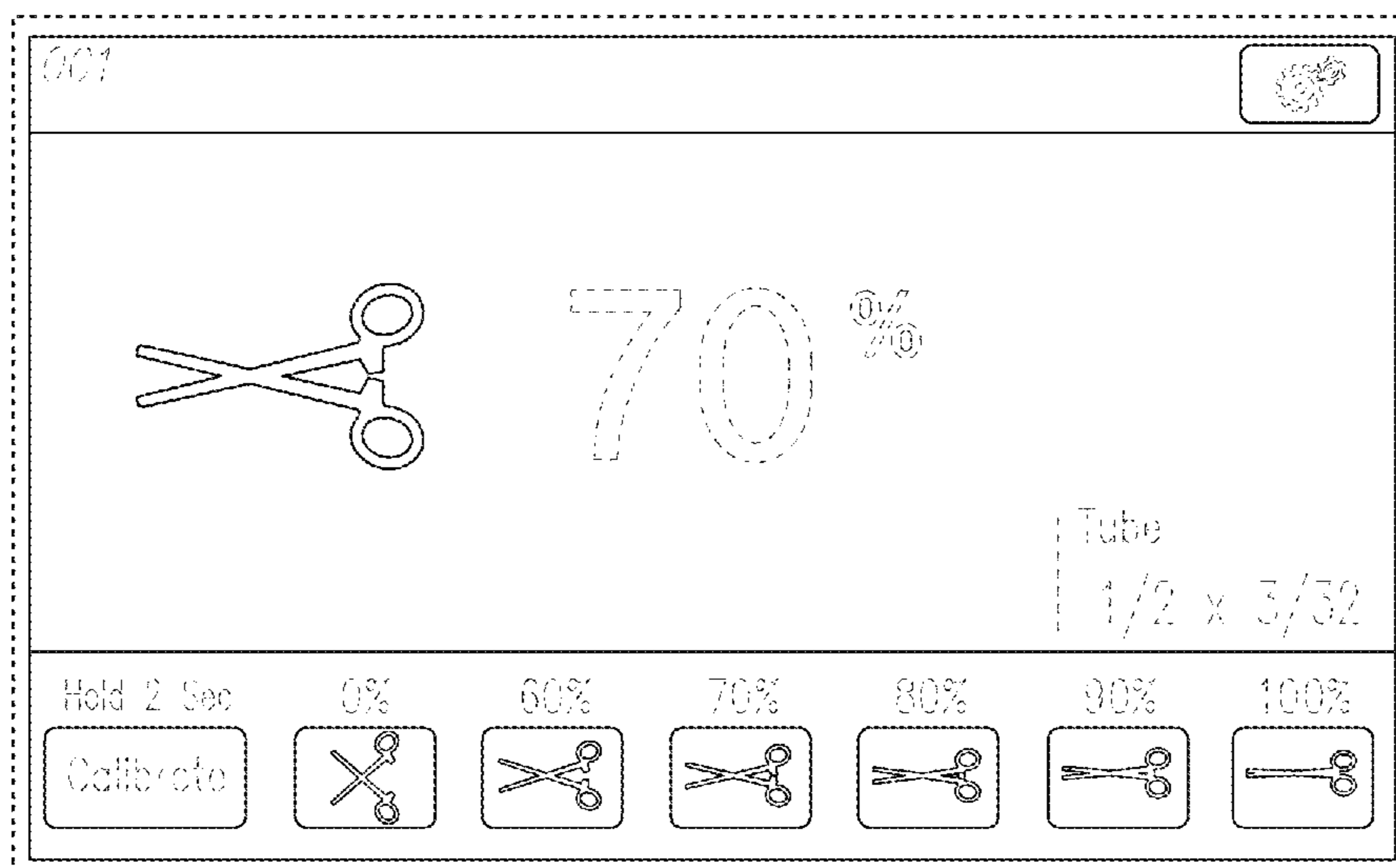
The FIGURE is a front view of a display screen with graphical user interface, showing the new design.

U.S. PATENT DOCUMENTS

847,044 A 3/1907 Britton
D341,848 S * 11/1993 Bigelow D14/492
5,791,907 A * 8/1998 Ramshaw G09B 23/285
434/262

The broken lines immediately adjacent the outer edge perimeter of the graphical user interface shows a display screen, and forms no part of the claimed design. All other broken lines show portions of the graphical user interface and form no part of the claimed design.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

D503,178 S	*	3/2005	Choi	.....	D14/486	D737,304 S	8/2015	Urdan	
D510,582 S		10/2005	Hoang			D737,308 S	8/2015	Zuckerberg	
D545,829 S		7/2007	Fletcher			D739,429 S	9/2015	Veilleux	
D548,238 S		8/2007	Fletcher			D740,310 S	10/2015	Drozd	
D548,242 S		8/2007	Viegers			D740,311 S	10/2015	Drozd	
D548,732 S		8/2007	Cebe			D742,892 S	11/2015	Mitchell	
D548,742 S		8/2007	Fletcher			D743,443 S	11/2015	Miura	
D548,743 S		8/2007	Takahashi			D745,025 S	12/2015	Bae	
D554,663 S	*	11/2007	Van Dongen	.....	D14/492	D745,026 S	12/2015	Bae	
D565,627 S		4/2008	Kase			D746,310 S	12/2015	Ta	
D570,363 S		6/2008	Ulm			D746,851 S	1/2016	Richelson	
D574,010 S		7/2008	Borovsky			D750,099 S	2/2016	Seo	
D575,792 S		8/2008	Benson			D750,132 S	2/2016	Kim	
D586,818 S		2/2009	Luck			D751,088 S	3/2016	Seo	
D593,117 S		5/2009	Lettau			D751,100 S	3/2016	Lindén	
D594,018 S		6/2009	Ball			D752,076 S	3/2016	Guesnon, Jr.	
D611,055 S		3/2010	Jonasson			D752,085 S	3/2016	Staiano	
D614,191 S		4/2010	Takano			D753,169 S	4/2016	Kim	
D626,140 S		10/2010	McLaughlin			D753,173 S	4/2016	Cojuangco	
D629,005 S		12/2010	Jewitt			D753,174 S	4/2016	Cojuangco	
D632,698 S		2/2011	Judy			D753,177 S	4/2016	Mierau	
D632,699 S		2/2011	Judy			D753,685 S	4/2016	Zimmerman	
D633,919 S		3/2011	Chen			D754,143 S	4/2016	Sugimoto	
D640,264 S		6/2011	Fujii			D754,161 S	4/2016	Wilder	
D653,672 S	*	2/2012	Friedlander	.....	D14/487	D754,163 S	4/2016	Park	
D655,301 S		3/2012	Ray			D754,172 S	4/2016	Ferreira	
D655,710 S		3/2012	Inada			D754,181 S	4/2016	Dong	
D656,946 S		4/2012	Judy			D754,679 S	4/2016	Gobinski	
D657,369 S		4/2012	Hecht			D754,680 S	4/2016	Lee	
D658,196 S		4/2012	Wood			D754,692 S	4/2016	Hurst	
D660,864 S		5/2012	Anzures			D754,695 S	4/2016	Moon	
D662,507 S		6/2012	Mori			D754,700 S	4/2016	Lee	
D664,152 S		7/2012	Ray			D754,701 S	4/2016	Seo	
D665,414 S		8/2012	Lee			D754,703 S	4/2016	Moon	
D667,419 S		9/2012	Rai			D754,710 S	4/2016	Dong	
D675,224 S		1/2013	Lee			D755,242 S	5/2016	Rajeswaran	
D678,895 S		3/2013	Ebler			D755,821 S	5/2016	Lee	
D681,650 S		5/2013	Fletcher			D757,059 S	5/2016	Gray	
D682,288 S		5/2013	Donahue			D759,100 S	6/2016	Pal	
D684,177 S		6/2013	Winther			D760,756 S	7/2016	Koeten	
D685,814 S		7/2013	Bark			9,389,234 B2	7/2016	Von Hoff	
D689,085 S		9/2013	Pasceri			D763,274 S	8/2016	Edwards	
D691,164 S		10/2013	Lim			D763,295 S	8/2016	Zuckerberg	
D698,800 S		2/2014	Jung			D764,488 S	8/2016	Bae	
D701,236 S		3/2014	Hatta			D765,111 S	8/2016	Cole	
D701,526 S		3/2014	Poston			D766,960 S	9/2016	Kim	
D702,247 S		4/2014	d'Amore			D768,166 S	10/2016	Kim	
D703,681 S		4/2014	d'Amore			D768,174 S	10/2016	Kim	
D704,206 S		5/2014	Jung			D768,686 S	10/2016	Cho	
D708,210 S		7/2014	Capua			D769,290 S	10/2016	Choi	
D709,901 S		7/2014	Landis			D769,291 S	10/2016	Kim	
D709,906 S		7/2014	Jonasson			D772,887 S	11/2016	Frew	
D710,377 S		8/2014	Rydenhag			D773,512 S	12/2016	Miura	
D712,908 S		9/2014	Rodenhouse			D774,077 S	12/2016	Donnelly	
D714,336 S		9/2014	Cojuangco			D776,701 S	1/2017	Huang	
D714,822 S		10/2014	Capua			D780,189 S	2/2017	Yang	
D715,815 S		10/2014	Bortman			D781,308 S	3/2017	Austin	
D716,825 S		11/2014	Bachman			D782,496 S	3/2017	Contreras	
D721,092 S		1/2015	Walkin			D783,039 S	4/2017	Park	
D722,318 S		2/2015	Moore			D785,698 S	5/2017	Wang	
D722,319 S		2/2015	Moore			D786,279 S	5/2017	McKim	
D722,322 S		2/2015	Strayle			D786,910 S	5/2017	Higuchi	
D722,611 S		2/2015	Moore			D787,543 S	5/2017	Qiu	
D727,342 S		4/2015	Omiya			D788,134 S	5/2017	Wong	
D728,586 S		5/2015	Konno			D791,153 S	7/2017	Rice	
D728,601 S		5/2015	Angelides			D791,810 S	7/2017	Hatzikostas	
D729,267 S		5/2015	Yoo			9,847,044 B1 *	12/2017	Foster	..... G09B 5/065
D729,837 S		5/2015	Kang			D810,108 S	2/2018	Tuthill	
9,039,635 B2		5/2015	Burdorff			D812,628 S	3/2018	Okado	
D730,929 S		6/2015	Yu			D819,042 S	5/2018	Ebler	
D731,507 S		6/2015	Kyakuno			D824,941 S	8/2018	Cooperman	
D732,549 S		6/2015	Kim			D829,234 S	9/2018	Yuguchi	
D733,172 S		6/2015	Angelides			D829,736 S	10/2018	Jochetz	
D735,220 S		7/2015	Seo			D834,050 S	11/2018	Yuguchi	
D735,743 S		8/2015	Kanenari			D837,820 S	1/2019	Itano	
						D839,279 S	1/2019	Dudey	
						D843,387 S	3/2019	Yuguchi	
						D848,468 S	5/2019	Ng	
						D851,114 S	6/2019	Schulz	

(56)

References Cited

U.S. PATENT DOCUMENTS

D852,828	S	7/2019	Guesnon, Jr.	
D866,578	S	11/2019	Ang	
D867,378	S	11/2019	Ang	
D867,379	S	11/2019	Ang	
D869,489	S	12/2019	Farh	
D879,122	S *	3/2020	Ebler	D14/486
D886,142	S	6/2020	Lynne	
2003/0135087	A1	7/2003	Hickle	
2004/0268413	A1	12/2004	Reid	
2005/0044485	A1	2/2005	Mondry	
2005/0229110	A1	10/2005	Gegner	
2006/0053384	A1	3/2006	La Fetra, Jr.	
2007/0011702	A1	1/2007	Vaysman	
2007/0199022	A1	8/2007	Moshiri	
2007/0288868	A1	12/2007	Rhee	
2008/0082938	A1	4/2008	Buczek	
2012/0005607	A1	1/2012	Tofinetti	
2012/0079429	A1	3/2012	Stathacopoulos	
2012/0089914	A1	4/2012	Holt	
2013/0055167	A1	2/2013	Leong	
2013/0127870	A1	5/2013	Baudel	
2013/0187780	A1	7/2013	Angelides	
2014/0127063	A1	5/2014	Petersen	
2014/0149942	A1	5/2014	Wood-Salomon	
2014/0192229	A1	7/2014	Kim	
2015/0067611	A1	3/2015	Spohr	
2015/0169581	A1	6/2015	Pusateri	
2015/0213211	A1	7/2015	Zaleski	
2015/0248534	A1	9/2015	Krzywicki	
2015/0362927	A1	12/2015	Giorgi	
2017/0013147	A1	1/2017	Umezawa	
2017/0102846	A1	4/2017	Ebler	
2019/0302981	A1	10/2019	Storr	

FOREIGN PATENT DOCUMENTS

JP	D1458638	1/2013
JP	1484744	10/2013
JP	1584029 S	7/2017
JP	1585836 S	8/2017

OTHER PUBLICATIONS

Japanese Decision on Appeal dated Mar. 6, 2019 during the prosecution of Japanese Design Patent Application No. 2017-012102, 22 pages.

EP Office Action dated May 8, 2019 during the prosecution of EP Patent Application No. 16722661.2, 6 pages.

Stockert S5 (an article of design: a cardiopulmonary device), S5 Perfusion System, Sorin Group Deutschland GMBH, 2010.

“We introduced “Stockert artificial cardiopulmonary device S5” in 2013” in an item “An artificial cardiopulmonary device”, and it is recognized that this “Stockert artificial cardiopulmonary device S5” is same as the above “Stockert S5”, downloaded from <https://web.archive.org/web/20140321232731/www.nho-kumamotajp/about/hardwares.html> on Nov. 20, 2018.

Official Action issued in JP Application No. 2017-12102, dated Oct. 30, 2018, 4 pages.

Image shown in the design publication of Design Registration No. 1458638 issued by Japanese Patent Office (the article to the design: Cash register).

An operation image of a multifunction machine on p. 3 of “image Runner Advance C7270/C7260”, which was received on Oct. 3, 2014 by National Center for Industrial Property Information and Training. (JP Patent Office Design Division Known Document No. HC26013857).

Image shown in Electronic loading device on p. 1 of “Multi-function DC electronic load device PLZ-5W Series”, which was received on Jul. 17, 2015 by National Center for Industrial Property Information and Training. (JP Patent Office Design Division Known Document No. HC27010355).

(Undated). An image or a handheld terminal posted on the website address: https://clicktime.symantec.com/a/1/4urhA2Watk5pR3e8fwIH_1XRDTcIBXoQUiu3TG7_K6g=?1=d=ozqgztMTSCY0gxEnGTPS5YVFRTtjsLnoL4Lg52kk5VFzLaW2PVyKYKDUT3EKBBfWK_n4ExMcobt32zg-QA64qogn2UfSchmTjY1OgL8bJUeVmzCkxSdbxrFYoiZEFI42CAaYkiiQLQuDgcQlfST86EvXkgQVsb4b-YXo1NG02vZjKpsBbRUU4DOsq6p40FrymNJUP7JJ5B74nI9uLheVGIlp7K5Ai_x2QRc72joEqphpA4DRpAyjI92fyLQFC.

Final Official Action issued in JP Application No. 2018-284, dated Nov. 15, 2018.

Official Action—issued on Dec. 6, 2017—for Japanese Patent Application No. 2017-12102, which corresponds to this pending application.

Image—Runner Advance C7270/C7260 (image cited in Official Action for Japanese Patent Application No. 2017-12102).

Image—1 Urbano L 02—<http://www.kyocera.co.jp/prdct/telecom/consumer/102/function1/index.html> (image and website cited in Official Action for Japanese Patent Application No. 2017-12102).

Product Brochure—CS300 IABP—Product Features—2009 Publication—Maquet Cardiovascular LLC. U.S.A.

Product Brochure—CS100 IABP—Intelligent Counterpulsation—2010 Publication—Maquet Cardiovascular LLC. U.S.A.

Operators Guide—The CS100/CS100i Abbreviated Operator’s Guide—2009 Publication—Maquet Cardiovascular LLC U.S.A.

Operators Guide—Datascope Abbreviated Operators Guide for the System 97 Intra-Aortic Balloon Pump—Published prior to 2009—Datascope Corp. U.S.A.

Brochure—Sensation and CS300 IABP System Smaller Meets Faster—Published in 2009—Maquet Cardiovascular LLC. U.S.A.

Sorin article, <http://www.sorin.com/products/cardiac-surgery/perfusion/hlm/s5>, printed on Jun. 13, 2015, 11 pages.

Sorin | S5 Brochure, Sorin Group USA, Inc., 2010.

MetaVision Perfusion™, A point-of-care clinical information system for perfusionists, MAQUET Getinge Group 2015 <<http://www.maquet.com/int/products/metavision-perfusion/>>.

Heart-Lung Machine HL20 Brochure, MAQUET Cardiopulmonary AG, 2012.

Heart Lung Machine Fundraising. Aug. 18, 2015. <<http://www.heartcentreforchildren.com.au/heart-lung-machine-fundraising.html>>.

Heart-lung machines, surgeryencyclopedia.com. Advameg, Inc. 2015. Web. Nov. 5, 2015. <<http://www.surgeryencyclopedia.com/Fi-La/Heart-Lung-Machines.html>>.

Machine coeur-poumon HL30. Feb. 21, 2013. <<file:///C:/Users/u2002449/Downloads/mes-130225-MachineCoeurPoumonHL30-Maquet.pdf>>.

Terumo Advanced Perfusion System 1. Terumo Cardiovascular Group. Nov. 2014. . <http://www.terumo-cvs.com/doc/848594_Terumo-System1_Brochure%20_Nov2013_LowRes_Pgs.pdf>.

Product Catalog Jostra HL 20. MAQUET Cardiopulmonary AG. Web. Nov. 18, 2015. <http://glavm.ru/upload/nformation_system_18/2/8/7/item_287/information_items_property_343.pdf>.

Sorin | S5 System Operating Instructions, Sorin Group Deutschland GmbH, 2006.

Hessel, Eugene A., “Circuitry and Cannulation Techniques”, Chapter 5, *Cardiopulmonary Bypass: Principles and Practices*, edited by Glenn P. Gravlee, 3rd edition, 2008, pp. 63-65.

Non-Final Office Action dated Dec. 14, 2018 issued for related U.S. Appl. No. 29/646,368, 7 pages.

Office Action issued in U.S. Appl. No. 29/601,985, dated Jan. 26, 2018.

Notice of Allowance dated Aug. 12, 2020, issued in corresponding U.S. Appl. No. 29/645,640, 9 pages.

Notice of Allowance dated Feb. 20, 2020, issued in corresponding U.S. Appl. No. 29/645,640, 12 pages.

Requirement for Restriction/Election issued in U.S. Appl. No. 29/627,877 dated Nov. 8, 2018, 7 pages.

Non-Final Office Action issued in U.S. Appl. No. 29/627,877 dated Feb. 12, 2019, 8 pages.

Office Action issued in CN Application No. 201830186340.7 dated Dec. 3, 2018, 1 page.

Office Action issued in JP Application No. 2018-008533 dated Jan. 7, 2019, 1 page.

(56)

References Cited

OTHER PUBLICATIONS

Office Action issued in JP Application No. 2018-023335 dated Jan. 7, 2019, 1 page.

Office Action issued in JP Application No. 2018-026484 dated Jan. 7, 2019, 1 page.

Office Action issued in CN Application No. 201830186340.7 dated Mar. 22, 2019, 5 pages.

* cited by examiner

