US00D872753S

(12) United States Design Patent

Ebler et al.

(10) Patent No.: US D872,753 S
(45) Date of Patent: ** Jan. 14, 2020

(54) **DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE FOR A MEDICAL DEVICE**

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

(72) Inventors: **Ralph J. Ebler**, Warwick, NY (US); **Daniel Medart**, Stahnsdorf (DE)

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

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

(21) Appl. No.: **29/646,368**

(22) Filed: **May 3, 2018**

Related U.S. Application Data

(62) Division of application No. 29/541,759, filed on Oct. 7, 2015, now Pat. No. Des. 819,042.

(51) **LOC (12) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/485**

(58) **Field of Classification Search**
USPC D14/485–495
CPC G06F 3/048; G06F 3/0481; G06F 3/0482; G06F 3/04842; G06F 3/04817
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D479,720 S	9/2003	Ohashi	.....	D14/486
D510,582 S	10/2005	Hoang et al.		
D548,238 S	8/2007	Fletcher	.....	D14/485
D548,732 S	8/2007	Cebe et al.		
D548,742 S	8/2007	Fletcher	.....	D14/485
D565,627 S	4/2008	Kase	.....	D14/486
D570,363 S *	6/2008	Ulm	.....	D14/487
D574,010 S	7/2008	Borovsky	.....	D14/487
D575,792 S	8/2008	Benson		
D593,117 S	5/2009	Lettau	.....	D14/488
D594,018 S	6/2009	Ball et al.		
D611,055 S *	3/2010	Jonasson	.....	D14/486

(Continued)

FOREIGN PATENT DOCUMENTS

JP	1294399	1/2007
JP	1437253	3/2012

(Continued)

OTHER PUBLICATIONS

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

(Continued)

Primary Examiner — Sheryl Lane
Assistant Examiner — Nicole C Shiflet
(74) *Attorney, Agent, or Firm* — Wesley Scott Ashton

(57) **CLAIM**

The ornamental design for a display screen or portion thereof with graphical user interface for a medical device, as shown and described.

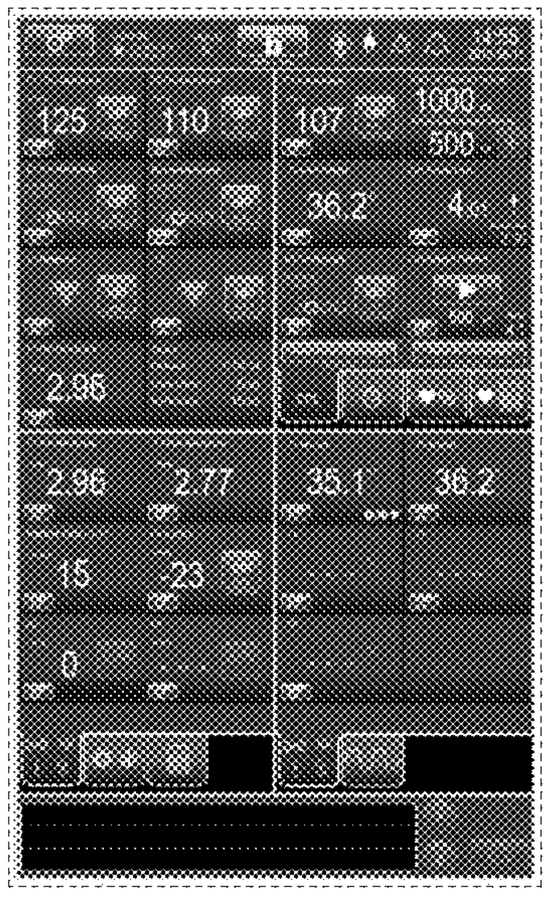
DESCRIPTION

The file of this patent contains at least one drawing/photograph executed in color. Copies of this patent with color drawing(s)/photograph(s) will be provided by the Office upon request and payment of the necessary fee.

The FIGURE is a front view of a display screen or portion thereof with graphical user interface for a medical device.

The broken lines showing the display screen or portion thereof form no part of the claimed design.

1 Claim, 1 Drawing Sheet
(1 of 1 Drawing Sheet(s) Filed in Color)



(56) **References Cited**

U.S. PATENT DOCUMENTS

D626,140	S	*	10/2010	McLaughlin	D14/486
D629,005	S		12/2010	Jewitt	D14/485
D632,698	S	*	2/2011	Judy	D14/486
D632,699	S	*	2/2011	Judy	D14/486
D633,919	S		3/2011	Chen	
D640,264	S		6/2011	Fujii et al.	
D653,672	S		2/2012	Friedlander	
D655,301	S		3/2012	Ray	D14/486
D655,710	S		3/2012	Inada	D14/485
D656,946	S	*	4/2012	Judy	D14/486
D657,369	S		4/2012	Hecht et al.	
D658,196	S		4/2012	Wood et al.	
D660,864	S		5/2012	Anzures et al.	
D662,507	S		6/2012	Mori	D14/486
D664,152	S		7/2012	Ray	D14/486
D665,414	S		8/2012	Lee	D14/488
D667,419	S		9/2012	Rai	D14/486
D675,224	S		1/2013	Lee	D14/488
D678,895	S		3/2013	Ebler et al.	
D682,288	S		5/2013	Donahue	D14/486
D685,814	S		7/2013	Bork	D14/486
D689,085	S		9/2013	Pasceri	D14/486
D691,164	S		10/2013	Lim	D14/486
D698,800	S		2/2014	Jung	D14/486
D701,236	S		3/2014	Hatta	D14/486
D701,526	S		3/2014	Poston	D14/486
D702,247	S		4/2014	d'Amore	D14/485
D703,681	S		4/2014	d'Amore	D14/485
D704,206	S		5/2014	Jung	D14/486
D708,210	S		7/2014	Capua	D14/488
D709,901	S		7/2014	Landis	D14/486
D709,906	S	*	7/2014	Jonasson	D14/486
D710,377	S		8/2014	Rydenhag	D14/488
D712,908	S		9/2014	Rodenhouse	D14/485
D714,336	S		9/2014	Cojuangco	D14/486
D714,822	S		10/2014	Capua	D14/488
D715,815	S		10/2014	Bortman	G06F 3/04817 D14/486
D716,825	S		11/2014	Bachman	D14/486
D721,092	S		1/2015	Walkin	D14/488
D722,318	S		2/2015	Moore	D14/486
D722,319	S		2/2015	Moore	D14/486
D722,322	S		2/2015	Strayle	D14/486
D722,611	S		2/2015	Moore	D14/486
D728,586	S		5/2015	Konno	D14/485
D728,601	S		5/2015	Angelides	D14/486
D729,267	S		5/2015	Yoo et al.	
D729,837	S		5/2015	Kang	D14/487
D731,507	S		6/2015	Kyakuno	D14/485
D732,549	S		6/2015	Kim	D14/485
D733,172	S		6/2015	Angelides	D14/486
D735,743	S		8/2015	Kanenari	D14/486
D737,304	S		8/2015	Urdan	D14/486
D737,308	S		8/2015	Zuckerberg	D14/486
D739,429	S		9/2015	Veilleux	D14/488
D742,892	S		11/2015	Mitchell	D14/485
D745,025	S		12/2015	Bae	D14/486
D745,026	S		12/2015	Bae	D14/486
D746,310	S		12/2015	Ta	D14/485
D746,851	S		1/2016	Richelson	D14/486
D750,099	S		2/2016	Seo	D14/485
D751,088	S		3/2016	Seo	D14/485
D751,100	S		3/2016	Linden	D14/486
D752,076	S		3/2016	Guesnon, Jr.	D14/486
D752,085	S		3/2016	Staiano	D14/487
D753,169	S	*	4/2016	Kim	D14/486
D753,173	S		4/2016	Cojuangco	D14/486
D753,174	S		4/2016	Cojuangco	D14/486
D753,177	S		4/2016	Mierau	D14/488
D753,685	S		4/2016	Zimmerman	D14/486
D754,143	S		4/2016	Sugimoto	D14/485
D754,161	S		4/2016	Wilder	D14/486
D754,163	S		4/2016	Park	D14/486
D754,172	S		4/2016	Ferreira	D14/486
D754,181	S		4/2016	Dong	D14/487
D754,679	S		4/2016	Gobinski	D14/485
D754,680	S		4/2016	Lee	D14/485
D754,692	S		4/2016	Hurst	D14/486
D754,695	S		4/2016	Moon	D14/486
D754,700	S		4/2016	Lee	D14/486
D754,701	S		4/2016	Seo	D14/486
D754,703	S		4/2016	Moon et al.	
D754,710	S		4/2016	Dong	D14/487
D755,242	S		5/2016	Rajeswaran	D14/495
D755,821	S		5/2016	Lee	D14/486
D757,059	S		5/2016	Gray	D14/486
D759,100	S		6/2016	Pal	D14/486
D763,274	S		8/2016	Edwards	D14/485
D763,295	S		8/2016	Zuckerberg	D14/486
D764,488	S		8/2016	Bae	D14/485
D765,698	S		9/2016	Kwon	D14/486
D768,174	S		10/2016	Kim	D14/486
D769,290	S		10/2016	Choi	D14/486
D769,291	S		10/2016	Kim	D14/486
D772,887	S		11/2016	Frew	D14/485
D776,701	S		1/2017	Huang	D14/486
D780,189	S		2/2017	Yang	D14/485
D781,308	S		3/2017	Austin	D14/485
D782,496	S		3/2017	Contreras	D14/485
D783,039	S		4/2017	Park	D14/486
D786,279	S	*	5/2017	McKim	D14/486
D786,910	S		5/2017	Higuchi	D14/486
D787,543	S		5/2017	Qiu	D14/486
D791,810	S		7/2017	Hatzikostas	D14/486
D810,108	S	*	2/2018	Tuthill	D14/486
D819,042	S	*	5/2018	Ebler	D14/485
D829,736	S	*	10/2018	Jochetz	D14/486
2003/0135087	A1		7/2003	Hickle et al.	
2007/0011702	A1		1/2007	Vaysman	H04N 21/84 725/45
2007/0288868	A1		12/2007	Rhee	G06F 3/04817 715/840
2012/0005607	A1		1/2012	Tofinetti	G06F 3/0481 715/769
2012/0079429	A1		3/2012	Stathacopoulos	H04N 5/44543 715/830
2013/0187780	A1		7/2013	Angelides	A61B 5/0002 340/573.1
2014/0127063	A1		5/2014	Petersen et al.	
2017/0102846	A1	*	4/2017	Ebler	A61M 1/3626

FOREIGN PATENT DOCUMENTS

JP	D1458638	1/2013
JP	1484744	10/2013

OTHER PUBLICATIONS

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).

Non-Final Office Action—dated Jan. 26, 2018—for U.S. Appl. No. 29/601,895, which corresponds to this pending application.

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 Operator's 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.

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

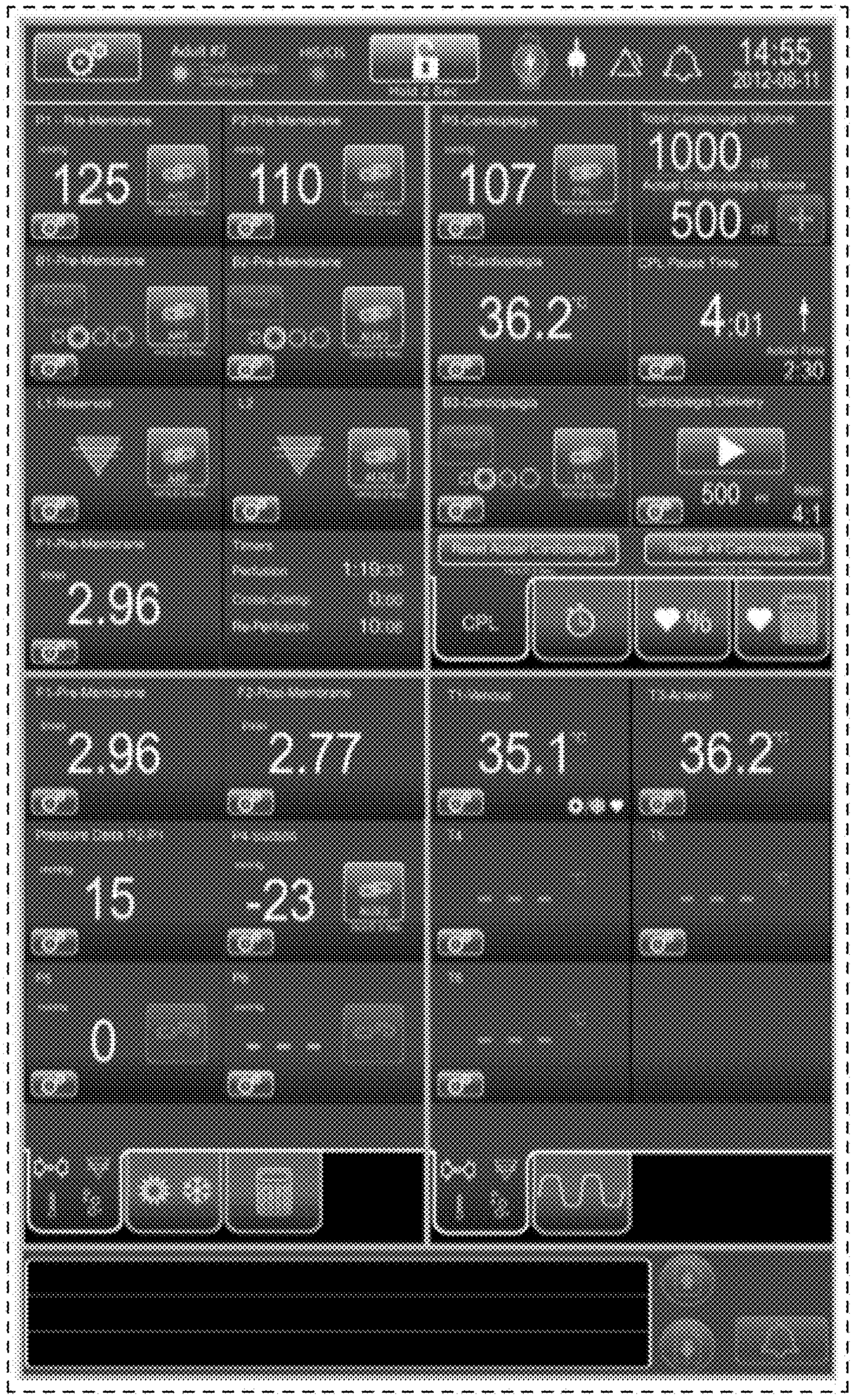
Sorin | S5 Brochure, Sorin Group USA, Inc., 2010.

(56) **References Cited**

OTHER PUBLICATIONS

MetaVision PerfusionTM, 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. Web. Nov. 6, 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. Web. Nov. 18, 2015. <file:///C:/Users/u2002449/Downloads/mes-130225-MachineCoeurPoumonHL30-Maquet.pdf>.
Terumo Advanced Perfusion System 1. Terumo Cardiovascular Group. Nov. 2014. Web. Nov. 18, 2015. <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/information_system_18/2/8/7/item_287/information_items_property_343.pdf>.
Sorin | S5 System Operating Instructions, Sorin Group Deutschland GmbH, 2006, 2007.
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.
Sorin article, http://www.sorin.com/products/cardiac-surgery/perfusion/hlm/s5, printed on Jun. 13, 2015, 11 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-kumamoto.jp/about/hardwares.html on Nov. 20, 2018.
Official Action issued in JP Application No. 2017-12102, dated Oct. 30, 2018.
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).
An image of a handheld terminal posted on the website (address: https://clicktime.symantec.com/a/1/4urhA2Watk5pR3e8fwIH_1XRDTCIBXoQUiu3TG7_K6g=?d=ozqgztMTSCY0gxEnGTPS5YVFRTtjsLnoL4Lg52kk5VFzLaW2PVyKYKDUT3EKBBtWK_n4ExMcobt32zg-QA64qogn2UfSChmTjY1OgL8bJUeVmzCkxSdbxrFYoiZEFI42CAaYkiiQLQuDgcQlfST86EvXkgQVSb4b-YXo1NG02vZjKpsBbRUU4DOsq6p40FrymNJUP7JJ5B74nl9uLheVGllp7K5Ai_x2QRc72joEqphpA4DRpAyjl92fyLQFC.
Final Official Action issued in JP Application No. 2018-284, dated Nov. 15, 2018.
Non-Final Office Action issued in U.S. Appl. No. 29/541,759, dated Aug. 1, 2016.
Non-Final Office Action issued in U.S. Appl. No. 29/541,759, dated Nov. 17, 2016.
Final Office Action issued in U.S. Appl. No. 29/541,759, dated Mar. 31, 2017.
Non-Final Office Action issued in U.S. Appl. No. 29/541,759, dated Sep. 7, 2017.
Non-Final Office Action issued in U.S. Appl. No. 29/645,640, dated May 10, 2019.
Final Official Action issued in JP Application No. 2017-12102, dated Apr. 17, 2018.
Decision on Appeal issued in JP Application No. 2017-12102, dated Mar. 6, 2019.
Official Action issued in JP Application No. 2018-284, dated Jul. 2, 2018.
Official Action issued in JP Application No. 2018-284, dated Feb. 22, 2019.

* cited by examiner


14:55
125
110
107
1000
500
36.2
4
2.96
2.96
2.77
35.1
36.2
15
-23
0