



US00D973685S

(12) **United States Design Patent** (10) **Patent No.:** **US D973,685 S**
Ahmed (45) **Date of Patent:** **** Dec. 27, 2022**

(54) **DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE**

(71) Applicant: **Masimo Corporation**, Irvine, CA (US)

(72) Inventor: **Omar Ahmed**, Mission Viejo, CA (US)

(73) Assignee: **Masimo Corporation**, Irvine, CA (US)

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

(21) Appl. No.: **29/792,317**

(22) Filed: **Mar. 21, 2022**

D359,546 S	6/1995	Savage et al.
5,431,170 A	7/1995	Mathews
5,436,499 A	7/1995	Namavar et al.
D361,840 S	8/1995	Savage et al.
D362,063 S	9/1995	Savage et al.
D363,120 S	10/1995	Savage et al.
5,456,252 A	10/1995	Vari et al.
5,479,934 A	1/1996	Imran
5,482,036 A	1/1996	Diab et al.
5,494,043 A	2/1996	O'Sullivan et al.
5,533,511 A	7/1996	Kaspari et al.
5,561,275 A	10/1996	Savage et al.
5,590,649 A	1/1997	Caro et al.
5,602,924 A	2/1997	Durand et al.

(Continued)

Related U.S. Application Data

(62) Division of application No. 29/753,474, filed on Sep. 30, 2020, now Pat. No. Des. 946,597.

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

(52) **U.S. Cl.**
USPC **D14/485**; D14/492

(58) **Field of Classification Search**
USPC D14/485-495
CPC G06F 3/048-04897; G06F 19/3456; G16H 10/60; G16H 15/00; G16H 20/10; G16H 40/67; G16H 50/00; A61B 5/02; A61B 5/0022; A61B 5/024; A61B 5/6898; A61B 5/746

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,960,128 A	10/1990	Gordon et al.
4,964,408 A	10/1990	Hink et al.
5,319,355 A	6/1994	Russek
5,337,744 A	8/1994	Branigan
5,341,805 A	8/1994	Stavriddi et al.
D353,195 S	12/1994	Savage et al.
D353,196 S	12/1994	Savage et al.
5,377,676 A	1/1995	Vari et al.

OTHER PUBLICATIONS

US 2022/0192529 A1, 06/2022, Al-Ali et al. (withdrawn)
(Continued)

Primary Examiner — Ian F Whitmore

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olsen & Bear, LLP

(57) **CLAIM**

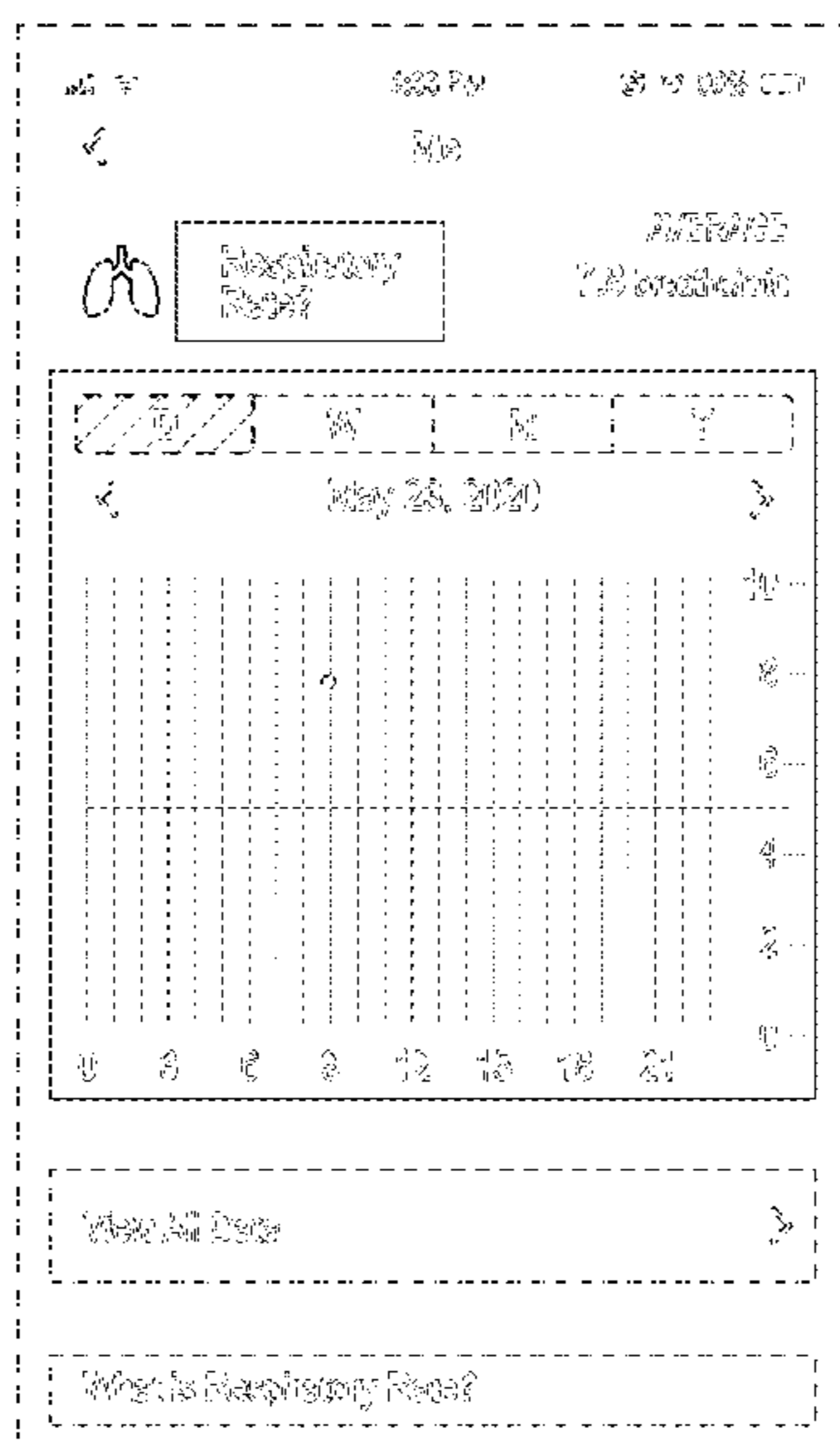
The ornamental design for a display screen or portion thereof with graphical user interface, as shown and described.

DESCRIPTION

The FIGURE is a front view of a display screen or portion thereof with graphical user interface showing our new design.

The broken lines, including those showing a display screen or portion thereof and those depicting portions of a graphical user interface, form no part of the claimed design. The ornamental design for a display screen or portion thereof with a graphical user interface, may be within a graphical user interface of a computer, a smartphone, and/or a tablet.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

5,638,816 A	6/1997	Kiani-Azarbayjany et al.	6,876,931 B2	4/2005	Lorenz et al.
5,638,818 A	6/1997	Diab et al.	6,920,345 B2	7/2005	Al-Ali et al.
5,645,440 A	7/1997	Tobler et al.	6,934,570 B2	8/2005	Kiani et al.
5,671,914 A	9/1997	Kalkhoran et al.	6,943,348 B1	9/2005	Coffin, IV
5,726,440 A	3/1998	Kalkhoran et al.	6,956,649 B2	10/2005	Acosta et al.
D393,830 S	4/1998	Tobler et al.	6,961,598 B2	11/2005	Diab
5,743,262 A	4/1998	Lepper, Jr. et al.	6,970,792 B1	11/2005	Diab
5,747,806 A	5/1998	Khalil et al.	6,985,764 B2	1/2006	Mason et al.
5,750,994 A	5/1998	Schlager	6,990,364 B2	1/2006	Ruchti et al.
5,758,644 A	6/1998	Diab et al.	6,998,247 B2	2/2006	Monfre et al.
5,760,910 A	6/1998	Lepper, Jr. et al.	7,003,338 B2	2/2006	Weber et al.
5,890,929 A	4/1999	Mills et al.	7,015,451 B2	3/2006	Dalke et al.
5,919,134 A	7/1999	Diab	7,027,849 B2	4/2006	Al-Ali
5,987,343 A	11/1999	Kinast	D526,719 S	8/2006	Richie, Jr. et al.
5,997,343 A	12/1999	Mills et al.	7,096,052 B2	8/2006	Mason et al.
6,002,952 A	12/1999	Diab et al.	7,096,054 B2	8/2006	Abdul-Hafiz et al.
6,010,937 A	1/2000	Karam et al.	D529,616 S	10/2006	Deros et al.
6,027,452 A	2/2000	Flaherty et al.	7,133,710 B2	11/2006	Acosta et al.
6,040,578 A	3/2000	Malin et al.	7,142,901 B2	11/2006	Kiani et al.
6,066,204 A	5/2000	Haven	7,225,006 B2	5/2007	Al-Ali et al.
6,115,673 A	9/2000	Malin et al.	RE39,672 E	6/2007	Shehada et al.
6,124,597 A	9/2000	Shehada et al.	7,254,429 B2	8/2007	Schurman et al.
6,128,521 A	10/2000	Marro et al.	7,254,431 B2	8/2007	Al-Ali et al.
6,129,675 A	10/2000	Jay	7,254,434 B2	8/2007	Schulz et al.
6,144,868 A	11/2000	Parker	7,274,955 B2	9/2007	Kiani et al.
6,152,754 A	11/2000	Gerhardt et al.	D554,263 S	10/2007	Al-Ali et al.
6,184,521 B1	2/2001	Coffin, IV et al.	7,280,858 B2	10/2007	Al-Ali et al.
6,232,609 B1	5/2001	Snyder et al.	7,289,835 B2	10/2007	Mansfield et al.
6,241,683 B1	6/2001	Macklem et al.	7,292,883 B2	11/2007	De Felice et al.
6,255,708 B1	7/2001	Sudharsanan et al.	7,341,559 B2	3/2008	Schulz et al.
6,280,381 B1	8/2001	Malin et al.	7,343,186 B2	3/2008	Lamego et al.
6,285,896 B1	9/2001	Tobler et al.	D566,282 S	4/2008	Al-Ali et al.
6,308,089 B1	10/2001	von der Ruhr et al.	7,356,365 B2	4/2008	Schurman
6,317,627 B1	11/2001	Ennen et al.	7,371,981 B2	5/2008	Abdul-Hafiz
6,321,100 B1	11/2001	Parker	7,373,193 B2	5/2008	Al-Ali et al.
6,334,065 B1	12/2001	Al-Ali et al.	7,377,794 B2	5/2008	Al-Ali et al.
6,360,114 B1	3/2002	Diab et al.	7,395,158 B2	7/2008	Monfre et al.
6,368,283 B1	4/2002	Xu et al.	7,415,297 B2	8/2008	Al-Ali et al.
6,411,373 B1	6/2002	Garside et al.	7,438,683 B2	10/2008	Al-Ali et al.
6,415,167 B1	7/2002	Blank et al.	7,483,729 B2	1/2009	Al-Ali et al.
6,430,437 B1	8/2002	Marro	D587,657 S	3/2009	Al-Ali et al.
6,430,525 B1	8/2002	Weber et al.	7,500,950 B2	3/2009	Al-Ali et al.
6,463,311 B1	10/2002	Diab	7,509,494 B2	3/2009	Al-Ali
6,470,199 B1	10/2002	Kopotic et al.	7,510,849 B2	3/2009	Schurman et al.
6,487,429 B2	11/2002	Hockersmith et al.	7,514,725 B2	4/2009	Wojtczuk et al.
6,505,059 B1	1/2003	Kollias et al.	7,519,406 B2	4/2009	Blank et al.
6,525,386 B1	2/2003	Mills et al.	D592,507 S	5/2009	Wachman et al.
6,526,300 B1	2/2003	Kiani et al.	7,530,942 B1	5/2009	Diab
6,534,012 B1	3/2003	Hazen et al.	7,593,230 B2	9/2009	Abul-Haj et al.
6,542,764 B1	4/2003	Al-Ali et al.	7,596,398 B2	9/2009	Al-Ali et al.
6,580,086 B1	6/2003	Schulz et al.	7,606,608 B2	10/2009	Blank et al.
6,584,336 B1	6/2003	Ali et al.	7,620,674 B2	11/2009	Ruchti et al.
6,587,196 B1	7/2003	Stippick et al.	D606,659 S	12/2009	Kiani et al.
6,587,199 B1	7/2003	Luu	7,629,039 B2	12/2009	Eckerbom et al.
6,595,316 B2	7/2003	Cybulski et al.	7,640,140 B2	12/2009	Ruchti et al.
6,597,932 B2	7/2003	Tian et al.	7,647,083 B2	1/2010	Al-Ali et al.
6,606,511 B1	8/2003	Ali et al.	D609,193 S	2/2010	Al-Ali et al.
D479,266 S	9/2003	McCormack	D614,305 S	4/2010	Al-Ali et al.
6,635,559 B2	10/2003	Greenwald et al.	D614,634 S *	4/2010	Nilsen D14/486
6,639,668 B1	10/2003	Trepagnier	7,697,966 B2	4/2010	Monfre et al.
6,640,116 B2	10/2003	Diab	7,698,105 B2	4/2010	Ruchti et al.
6,640,117 B2	10/2003	Makarewicz et al.	RE41,317 E	5/2010	Parker
6,658,276 B2	12/2003	Kiani et al.	RE41,333 E	5/2010	Blank et al.
6,661,161 B1	12/2003	Lanzo et al.	D616,895 S	6/2010	Ehrler et al.
6,697,656 B1	2/2004	Al-Ali	7,729,733 B2	6/2010	Al-Ali et al.
6,697,658 B2	2/2004	Al-Ali	7,761,127 B2	7/2010	Al-Ali et al.
RE38,476 E	3/2004	Diab et al.	7,764,982 B2	7/2010	Dalke et al.
RE38,492 E	4/2004	Diab et al.	D621,516 S	8/2010	Kiani et al.
6,738,652 B2	5/2004	Mattu et al.	7,791,155 B2	9/2010	Diab
6,760,607 B2	7/2004	Al-Ali	RE41,912 E	11/2010	Parker
6,788,965 B2	9/2004	Ruchti et al.	7,880,626 B2	2/2011	Al-Ali et al.
6,816,241 B2	11/2004	Grubisic	D633,921 S	3/2011	Brinda
6,822,564 B2	11/2004	Al-Ali	7,909,772 B2	3/2011	Popov et al.
6,850,787 B2	2/2005	Weber et al.	7,919,713 B2	4/2011	Al-Ali et al.
6,850,788 B2	2/2005	Al-Ali	7,937,128 B2	5/2011	Al-Ali
			7,937,129 B2	5/2011	Mason et al.
			7,941,199 B2	5/2011	Kiani
			7,957,780 B2	6/2011	Lamego et al.
			7,962,188 B2	6/2011	Kiani et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

7,976,472 B2	7/2011	Kiani	8,801,613 B2	8/2014	Al-Ali et al.
7,990,382 B2	8/2011	Kiani	D714,334 S	9/2014	Cojuangco et al.
8,008,088 B2	8/2011	Bellott et al.	8,821,397 B2	9/2014	Al-Ali et al.
RE42,753 E	9/2011	Kiani-Azarbayjany et al.	8,821,415 B2	9/2014	Al-Ali et al.
8,028,701 B2	10/2011	Al-Ali et al.	8,830,449 B1	9/2014	Lamego et al.
8,048,040 B2	11/2011	Kiani	8,840,549 B2	9/2014	Al-Ali et al.
8,050,728 B2	11/2011	Al-Ali et al.	8,852,094 B2	10/2014	Al-Ali et al.
RE43,169 E	2/2012	Parker	8,852,994 B2	10/2014	Wojtczuk et al.
8,118,620 B2	2/2012	Al-Ali et al.	8,897,847 B2	11/2014	Al-Ali
8,130,105 B2	3/2012	Al-Ali et al.	8,911,377 B2	12/2014	Al-Ali
8,182,443 B1	5/2012	Kiani	8,989,831 B2	3/2015	Al-Ali et al.
8,190,223 B2	5/2012	Al-Ali et al.	8,998,809 B2	4/2015	Kiani
8,203,438 B2	6/2012	Kiani et al.	9,066,666 B2	6/2015	Kiani
8,203,704 B2	6/2012	Merritt et al.	9,066,680 B1	6/2015	Al-Ali et al.
8,219,172 B2	7/2012	Schurman et al.	9,095,316 B2	8/2015	Welch et al.
8,224,411 B2	7/2012	Al-Ali et al.	9,106,038 B2	8/2015	Telfort et al.
8,229,532 B2	7/2012	Davis	9,107,625 B2	8/2015	Telfort et al.
8,233,955 B2	7/2012	Al-Ali et al.	D737,833 S	9/2015	Anzures et al.
D664,969 S	8/2012	Williams et al.	D739,429 S	9/2015	Veilleux et al.
8,255,026 B1	8/2012	Al-Ali	9,131,881 B2	9/2015	Diab et al.
8,265,723 B1	9/2012	McHale et al.	9,138,180 B1	9/2015	Coverston et al.
8,274,360 B2	9/2012	Sampath et al.	9,153,112 B1	10/2015	Kiani et al.
8,280,473 B2	10/2012	Al-Ali	D743,975 S	11/2015	Herold et al.
8,315,683 B2	11/2012	Al-Ali et al.	9,192,329 B2	11/2015	Al-Ali
RE43,860 E	12/2012	Parker	9,192,351 B1	11/2015	Telfort et al.
8,346,330 B2	1/2013	Lamego	9,195,385 B2	11/2015	Al-Ali et al.
8,353,842 B2	1/2013	Al-Ali et al.	9,211,095 B1	12/2015	Al-Ali
8,355,766 B2	1/2013	MacNeish, III et al.	9,218,454 B2	12/2015	Kiani et al.
8,374,665 B2	2/2013	Lamego	9,245,668 B1	1/2016	Vo et al.
8,388,353 B2	3/2013	Kiani et al.	9,251,124 B2	2/2016	Steinfl et al.
8,401,602 B2	3/2013	Kiani	9,267,572 B2	2/2016	Barker et al.
8,414,499 B2	4/2013	Al-Ali et al.	9,277,880 B2	3/2016	Poeze et al.
8,418,524 B2	4/2013	Al-Ali	D753,134 S	4/2016	Vazquez
8,428,967 B2	4/2013	Olsen et al.	D753,669 S	4/2016	Chen et al.
8,430,817 B1	4/2013	Al-Ali et al.	9,307,928 B1	4/2016	Al-Ali et al.
8,437,825 B2	5/2013	Dalvi et al.	9,323,894 B2	4/2016	Kiani
8,455,290 B2	6/2013	Siskavich	D755,392 S	5/2016	Hwang et al.
8,457,707 B2	6/2013	Kiani	9,326,712 B1	5/2016	Kiani
8,471,713 B2	6/2013	Poeze et al.	D761,843 S	7/2016	Kim
8,473,020 B2	6/2013	Kiani et al.	9,392,945 B2	7/2016	Al-Ali et al.
8,509,867 B2	8/2013	Workman et al.	9,408,542 B1	8/2016	Kinast et al.
8,515,509 B2	8/2013	Bruinsma et al.	9,436,645 B2	9/2016	Al-Ali et al.
8,523,781 B2	9/2013	Al-Ali	9,445,759 B1	9/2016	Lamego et al.
D692,145 S	10/2013	Al-Ali et al.	9,474,474 B2	10/2016	Lamego et al.
D692,452 S	10/2013	Pearcy et al.	9,480,435 B2	11/2016	Olsen
8,571,617 B2	10/2013	Reichgott et al.	D773,516 S	12/2016	Sun
8,571,618 B1	10/2013	Lamego et al.	9,510,779 B2	12/2016	Poeze et al.
8,571,619 B2	10/2013	Al-Ali et al.	9,517,024 B2	12/2016	Kiani et al.
D693,835 S	11/2013	Daniel	D776,139 S	1/2017	Okumura et al.
8,577,431 B2	11/2013	Lamego et al.	D776,153 S	1/2017	Yampolskiy et al.
8,584,345 B2	11/2013	Al-Ali et al.	9,532,722 B2	1/2017	Lamego et al.
8,588,880 B2	11/2013	Abdul-Hafiz et al.	9,560,996 B2	2/2017	Kiani
D696,677 S	12/2013	Corcoran et al.	9,579,039 B2	2/2017	Jansen et al.
8,630,691 B2	1/2014	Lamego et al.	9,622,692 B2	4/2017	Lamego et al.
8,641,631 B2	2/2014	Sierra et al.	D786,909 S	5/2017	Park et al.
8,652,060 B2	2/2014	Al-Ali	D788,312 S	5/2017	Al-Ali et al.
8,666,468 B1	3/2014	Al-Ali	9,649,054 B2	5/2017	Lamego et al.
8,670,811 B2	3/2014	O'Reilly	D791,167 S	7/2017	Fleischmann et al.
RE44,823 E	4/2014	Parker	D791,818 S	7/2017	Sun
RE44,875 E	4/2014	Kiani et al.	9,697,928 B2	7/2017	Al-Ali et al.
8,688,183 B2	4/2014	Bruinsma et al.	D793,412 S	8/2017	Chaudhri et al.
8,690,799 B2	4/2014	Telfort et al.	D795,893 S	8/2017	Kim et al.
8,702,627 B2	4/2014	Telfort et al.	9,717,458 B2	8/2017	Lamego et al.
8,712,494 B1	4/2014	MacNeish, III et al.	9,724,016 B1	8/2017	Al-Ali et al.
8,715,206 B2	5/2014	Telfort et al.	9,724,024 B2	8/2017	Al-Ali
8,723,677 B1	5/2014	Kiani	9,724,025 B1	8/2017	Kiani et al.
D707,704 S	6/2014	Capua et al.	9,749,232 B2	8/2017	Sampath et al.
8,740,792 B1	6/2014	Kiani et al.	9,750,442 B2	9/2017	Olsen
8,755,535 B2	6/2014	Telfort et al.	9,750,461 B1	9/2017	Telfort
8,755,872 B1	6/2014	Marinow	D799,499 S	10/2017	Selden et al.
8,764,671 B2	7/2014	Kiani	D801,348 S	10/2017	Zhu et al.
8,768,423 B2	7/2014	Shakespeare et al.	9,775,545 B2	10/2017	Al-Ali et al.
8,771,204 B2	7/2014	Telfort et al.	9,778,079 B1	10/2017	Al-Ali et al.
8,781,544 B2	7/2014	Al-Ali et al.	9,782,077 B2	10/2017	Lamego et al.
8,790,268 B2	7/2014	Al-Ali	9,787,568 B2	10/2017	Lamego et al.
			9,808,188 B1	11/2017	Perea et al.
			D805,090 S	12/2017	Gouvernel et al.
			9,839,379 B2	12/2017	Al-Ali et al.
			9,839,381 B1	12/2017	Weber et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

9,847,749 B2	12/2017	Kiani et al.	10,617,302 B2	4/2020	Al-Ali et al.
9,848,800 B1	12/2017	Lee et al.	10,617,335 B2	4/2020	Al-Ali et al.
D807,391 S	1/2018	Seemakurty et al.	10,637,181 B2	4/2020	Al-Ali et al.
D809,004 S	1/2018	Ishitsuka	D887,548 S	6/2020	Abdul-Hafiz et al.
9,861,298 B2	1/2018	Eckerbom et al.	D887,549 S	6/2020	Abdul-Hafiz et al.
9,861,305 B1	1/2018	Weber et al.	10,667,764 B2	6/2020	Ahmed et al.
9,877,650 B2	1/2018	Muhsin et al.	D890,708 S	7/2020	Forrest et al.
9,891,079 B2	2/2018	Dalvi	D890,803 S	7/2020	Nielsen
9,924,897 B1	3/2018	Abdul-Hafiz	10,721,785 B2	7/2020	Al-Ali
D815,108 S	4/2018	Schulte-Vogelheim	10,736,518 B2	8/2020	Al-Ali et al.
9,936,917 B2	4/2018	Poeze et al.	10,750,984 B2	8/2020	Pauley et al.
9,955,937 B2	5/2018	Telfort	D895,655 S	9/2020	Wang
9,965,946 B2	5/2018	Al-Ali et al.	D896,238 S	9/2020	Descheneaux et al.
D820,297 S	6/2018	Gardner et al.	D897,098 S	9/2020	Al-Ali
D820,865 S	6/2018	Muhsin et al.	10,779,098 B2	9/2020	Iswanto et al.
9,986,952 B2	6/2018	Dalvi et al.	D902,231 S	11/2020	Cadow et al.
D822,215 S	7/2018	Al-Ali et al.	10,827,961 B1	11/2020	Iyengar et al.
D822,216 S	7/2018	Barker et al.	10,828,007 B1	11/2020	Telfort et al.
10,010,276 B2	7/2018	Al-Ali et al.	10,832,818 B2	11/2020	Muhsin et al.
D825,593 S	8/2018	Siccardi et al.	D905,083 S	12/2020	Birolo et al.
10,086,138 B1	10/2018	Novak, Jr.	10,849,554 B2	12/2020	Shreim et al.
10,111,591 B2	10/2018	Dyell et al.	10,856,750 B2	12/2020	Indorf et al.
D833,624 S	11/2018	DeJong et al.	D906,970 S	1/2021	Forrest et al.
10,123,729 B2	11/2018	Dyell et al.	10,918,281 B2	2/2021	Al-Ali et al.
D835,282 S	12/2018	Barker et al.	D914,031 S	3/2021	Ding et al.
D835,283 S	12/2018	Barker et al.	10,932,705 B2	3/2021	Muhsin et al.
D835,284 S	12/2018	Barker et al.	10,932,729 B2	3/2021	Kiani et al.
D835,285 S	12/2018	Barker et al.	10,939,878 B2	3/2021	Kiani et al.
10,149,616 B2	12/2018	Al-Ali et al.	10,956,950 B2	3/2021	Al-Ali et al.
10,154,815 B2	12/2018	Al-Ali et al.	D916,135 S	4/2021	Indorf et al.
10,159,412 B2	12/2018	Lamego et al.	D916,767 S	4/2021	VanSickler et al.
10,188,348 B2	1/2019	Al-Ali et al.	D917,550 S	4/2021	Indorf et al.
RE47,218 E	2/2019	Al-Ali	D917,564 S	4/2021	Indorf et al.
RE47,244 E	2/2019	Kiani et al.	D917,704 S	4/2021	Al-Ali et al.
RE47,249 E	2/2019	Kiani et al.	10,987,066 B2	4/2021	Chandran et al.
D840,433 S	2/2019	Haverstock et al.	10,991,135 B2	4/2021	Al-Ali et al.
10,205,291 B2	2/2019	Scruggs et al.	D918,948 S	5/2021	Wang et al.
10,226,187 B2	3/2019	Al-Ali et al.	D919,094 S	5/2021	Al-Ali et al.
10,231,657 B2	3/2019	Al-Ali et al.	D919,100 S	5/2021	Al-Ali et al.
10,231,670 B2	3/2019	Blank et al.	11,006,867 B2	5/2021	Al-Ali
RE47,353 E	4/2019	Kiani et al.	D921,202 S	6/2021	Al-Ali et al.
D846,559 S	4/2019	Sangco et al.	11,024,064 B2	6/2021	Muhsin et al.
10,279,247 B2	5/2019	Kiani	11,026,064 B1	6/2021	Pauley
10,292,664 B2	5/2019	Al-Ali	11,026,604 B2	6/2021	Chen et al.
10,299,720 B2	5/2019	Brown et al.	D924,887 S	7/2021	Bae et al.
10,327,337 B2	6/2019	Schmidt et al.	D924,906 S	7/2021	Nie et al.
10,327,713 B2	6/2019	Barker et al.	D925,597 S	7/2021	Chandran et al.
10,332,630 B2	6/2019	Al-Ali	D926,207 S	7/2021	Zheng et al.
D854,565 S	7/2019	McLaughlin et al.	D927,699 S	8/2021	Al-Ali et al.
10,383,520 B2	8/2019	Wojtczuk et al.	11,076,777 B2	8/2021	Lee et al.
10,383,527 B2	8/2019	Al-Ali	11,102,178 B2	8/2021	Ding et al.
10,388,120 B2	8/2019	Muhsin et al.	11,107,580 B1 *	8/2021	Felton A61B 5/33
D864,120 S	10/2019	Forrest et al.	D931,311 S	9/2021	Casse et al.
10,441,181 B1	10/2019	Telfort et al.	D931,319 S	9/2021	Fischbach
10,441,196 B2	10/2019	Eckerbom et al.	11,114,188 B2	9/2021	Poeze et al.
10,448,844 B2	10/2019	Al-Ali et al.	11,133,105 B2	9/2021	Sampath et al.
10,448,871 B2	10/2019	Al-Ali et al.	D933,232 S	10/2021	Al-Ali et al.
10,456,038 B2	10/2019	Lamego et al.	D934,272 S	10/2021	Caldwell
D867,383 S	11/2019	Wang et al.	11,145,408 B2	10/2021	Sampath et al.
10,463,340 B2	11/2019	Telfort et al.	11,147,518 B1	10/2021	Al-Ali et al.
10,471,159 B1	11/2019	Lapotko et al.	11,185,262 B2	11/2021	Al-Ali et al.
10,505,311 B2	12/2019	Al-Ali et al.	11,191,484 B2	12/2021	Kiani et al.
10,524,738 B2	1/2020	Olsen	D946,596 S	3/2022	Ahmed
10,532,174 B2	1/2020	Al-Ali	D946,597 S	3/2022	Ahmed
10,537,285 B2	1/2020	Shreim et al.	D946,598 S	3/2022	Ahmed
10,542,903 B2	1/2020	Al-Ali et al.	D946,617 S	3/2022	Ahmed
D875,122 S	2/2020	Ji et al.	11,272,839 B2	3/2022	Al-Ali et al.
D875,123 S	2/2020	Ji et al.	11,289,199 B2	3/2022	Al-Ali
10,555,678 B2	2/2020	Dalvi et al.	RE49,034 E	4/2022	Al-Ali
10,568,553 B2	2/2020	O'Neil et al.	11,298,021 B2	4/2022	Muhsin et al.
RE47,882 E	3/2020	Al-Ali	D950,580 S	5/2022	Ahmed
10,608,817 B2	3/2020	Haider et al.	D950,599 S	5/2022	Ahmed
D880,477 S	4/2020	Forrest et al.	D953,373 S *	5/2022	Varga D14/495
D882,616 S	4/2020	Argo et al.	2001/0034477 A1	10/2001	Mansfield et al.
D882,627 S	4/2020	Zhu et al.	2001/0039483 A1	11/2001	Brand et al.
			2002/0010401 A1	1/2002	Bushmakina et al.
			2002/0058864 A1	5/2002	Mansfield et al.
			2002/0133080 A1	9/2002	Apruzzese et al.
			2003/0013975 A1	1/2003	Kiani

(56)

References Cited

U.S. PATENT DOCUMENTS

2003/0018243	A1	1/2003	Gerhardt et al.	2015/0080754	A1	3/2015	Purdon et al.	
2003/0144582	A1	7/2003	Cohen et al.	2015/0099950	A1	4/2015	Al-Ali et al.	
2003/0156288	A1	8/2003	Barnum et al.	2015/0150066	A1	5/2015	Park et al.	
2003/0212312	A1	11/2003	Coffin, IV et al.	2015/0199095	A1*	7/2015	Lahtivuori	A61M 16/0051 715/763
2004/0106163	A1	6/2004	Workman, Jr. et al.	2015/0379209	A1	12/2015	Kusuma et al.	
2005/0055276	A1	3/2005	Kiani et al.	2016/0150981	A1	6/2016	Baker et al.	
2005/0234317	A1	10/2005	Kiani	2016/0196388	A1	7/2016	Lamego	
2006/0073719	A1	4/2006	Kiani	2016/0275431	A1	9/2016	Gouvernel et al.	
2006/0189871	A1	8/2006	Al-Ali et al.	2016/0367173	A1	12/2016	Dalvi et al.	
2007/0073116	A1	3/2007	Kiani et al.	2017/0024748	A1	1/2017	Haider	
2007/0180140	A1	8/2007	Welch et al.	2017/0075562	A1	3/2017	Bauer et al.	
2007/0244377	A1	10/2007	Cozad et al.	2017/0115752	A1	4/2017	Matsuno et al.	
2008/0064965	A1	3/2008	Jay et al.	2017/0173632	A1	6/2017	Al-Ali	
2008/0094228	A1	4/2008	Welch et al.	2017/0251974	A1	9/2017	Shreim et al.	
2008/0184117	A1	7/2008	Alsbury et al.	2017/0364637	A1	12/2017	Kshepakaran et al.	
2008/0221418	A1	9/2008	Al-Ali et al.	2018/0025116	A1	1/2018	Carrington et al.	
2009/0036759	A1	2/2009	Ault et al.	2018/0032203	A1	2/2018	Sepulveda et al.	
2009/0054743	A1	2/2009	Stewart	2018/0040114	A1	2/2018	Stroupe	
2009/0093687	A1	4/2009	Telfort et al.	2018/0059904	A1	3/2018	Chung	
2009/0095926	A1	4/2009	MacNeish, III	2018/0184984	A1	7/2018	Zerhusen et al.	
2009/0247984	A1	10/2009	Lamego et al.	2018/0197629	A1	7/2018	Zhou	
2010/0004518	A1	1/2010	Vo et al.	2018/0242926	A1	8/2018	Muhsin et al.	
2010/0030040	A1	2/2010	Poeze et al.	2018/0247712	A1	8/2018	Muhsin et al.	
2010/0099964	A1	4/2010	O'Reilly et al.	2019/0117070	A1	4/2019	Muhsin et al.	
2010/0198622	A1	8/2010	Gajic et al.	2019/0175106	A1	6/2019	Langer	
2010/0234718	A1	9/2010	Sampath et al.	2019/0239787	A1	8/2019	Pauley et al.	
2010/0270257	A1	10/2010	Wachman et al.	2019/0268537	A1	8/2019	Jang	
2010/0292600	A1	11/2010	DiBenedetto et al.	2019/0320906	A1	10/2019	Olsen	
2011/0028806	A1	2/2011	Merritt et al.	2019/0336085	A1	11/2019	Kayser et al.	
2011/0028809	A1	2/2011	Goodman	2019/0374713	A1	12/2019	Kiani et al.	
2011/0040197	A1	2/2011	Welch et al.	2019/0377854	A1	12/2019	Mehedy	
2011/0082711	A1	4/2011	Poeze et al.	2019/0394149	A1	12/2019	McNeill	
2011/0087081	A1	4/2011	Kiani et al.	2020/0060869	A1	2/2020	Telfort et al.	
2011/0118561	A1	5/2011	Tari et al.	2020/0066415	A1	2/2020	Hettig et al.	
2011/0137297	A1	6/2011	Kiani et al.	2020/0111552	A1	4/2020	Ahmed	
2011/0172498	A1	7/2011	Olsen et al.	2020/0113435	A1	4/2020	Muhsin	
2011/0179361	A1*	7/2011	Cardarelli	2020/0113488	A1	4/2020	Al-Ali et al.	
			G06F 8/34 715/744	2020/0113496	A1	4/2020	Scruggs et al.	
				2020/0113497	A1	4/2020	Triman et al.	
				2020/0113520	A1	4/2020	Abdul-Hafiz et al.	
				2020/0138288	A1	5/2020	Al-Ali et al.	
				2020/0138368	A1	5/2020	Kiani et al.	
				2020/0163597	A1	5/2020	Dalvi et al.	
				2020/0196877	A1	6/2020	Vo et al.	
				2020/0205783	A1	7/2020	Shiran et al.	
				2020/0253474	A1	8/2020	Muhsin et al.	
				2020/0253544	A1	8/2020	Belur Nagaraj et al.	
				2020/0275841	A1	9/2020	Telfort et al.	
				2020/0288983	A1	9/2020	Telfort et al.	
				2020/0321793	A1	10/2020	Al-Ali et al.	
				2020/0329983	A1	10/2020	Al-Ali et al.	
				2020/0329984	A1	10/2020	Al-Ali et al.	
				2020/0329993	A1	10/2020	Al-Ali et al.	
				2020/0330037	A1	10/2020	Al-Ali et al.	
				2020/0381009	A1	12/2020	Crowley et al.	
				2020/0381099	A1	12/2020	Crowley et al.	
				2021/0022628	A1	1/2021	Telfort et al.	
				2021/0104173	A1	4/2021	Pauley et al.	
				2021/0113121	A1	4/2021	Diab et al.	
				2021/0117525	A1	4/2021	Kiani et al.	
				2021/0118581	A1	4/2021	Kiani et al.	
				2021/0121582	A1	4/2021	Krishnamani et al.	
				2021/0161465	A1	6/2021	Barker et al.	
				2021/0236729	A1	8/2021	Kiani et al.	
				2021/0256267	A1	8/2021	Ranasinghe et al.	
				2021/0256835	A1	8/2021	Ranasinghe et al.	
				2021/0275101	A1	9/2021	Vo et al.	
				2021/0290060	A1	9/2021	Ahmed	
				2021/0290072	A1	9/2021	Forrest	
				2021/0290080	A1	9/2021	Ahmed	
				2021/0290120	A1	9/2021	Al-Ali	
				2021/0290177	A1	9/2021	Novak, Jr.	
				2021/0290184	A1	9/2021	Ahmed	
				2021/0296008	A1	9/2021	Novak, Jr.	
				2021/0319886	A1	10/2021	Day et al.	
				2021/0330228	A1	10/2021	Olsen et al.	
				2021/0353886	A1*	11/2021	Shankaranarayana	A61M 16/024
2015/0073241	A1	3/2015	Lamego					

(56)

References Cited

U.S. PATENT DOCUMENTS

2021/0386382 A1 12/2021 Olsen et al.
 2021/0402110 A1 12/2021 Pauley et al.
 2022/0026355 A1 1/2022 Normand et al.
 2022/0039707 A1 2/2022 Sharma et al.
 2022/0053892 A1 2/2022 Al-Ali et al.
 2022/0071562 A1 3/2022 Kiani
 2022/0087575 A1* 3/2022 Persidsky A61B 5/113
 2022/0096603 A1 3/2022 Kiani et al.
 2022/0151521 A1 5/2022 Krishnamani et al.

OTHER PUBLICATIONS

A Wearable for Opioid Patients Gets Retooled for Covid-19, by So, wired.com [online], published on Mar. 30, 2020, [retrieved on Oct. 29, 2021], retrieved from the Internet in 3 pages. <https://www.wired.com/story/wearable-opioid-patients-gets-retooled-covid-19/>.

Analytics Chart, by Angulo, dribbble.com [online], published on May 23, 2020, [retrieved on Oct. 28, 2021], retrieved from the internet in 1 page. <https://dribbble.com/shots/11551793-Analytics-Chart-MyHealt-App#>.

Applicant Tracking System (ATS) Features, ats.karirpad.com [online], available by Sep. 13, 2019 (as verified by Tin Eye), [retrieved on Dec. 7, 2021], retrieved from the Internet in 2 pages. <https://ats.karirpad.com/features>.

Cara Cek Nomor XL Sendiri Paling Cepat, by Irawan, masinpo.com [online], published on Sep. 7, 2020, [retrieved on Nov. 5, 2021], retrieved from the Internet in 2 pages. <https://www.masinpo.com/2020/09/cara-cek-nomor-xl-sendiri-paling-cepat.html>.

Carbon Dioxide Logo, by Kaplun, stock.adobe.com [online], available by Sep. 18, 2019 (as verified by Tin Eye), [retrieved on Nov. 5, 2021], retrieved from the Internet in 2 pages. <https://stock.adobe.com/287753789>.

“Excel Horizontal Filter”, Excellence Blog, https://www-excellence-blog--com.translate.google/2018/06/27/excel%E3%81%AE%E6%A8%AA%E6%96%B9%E5%90%91%E3%83%95%E3%82%A3%E3%83%AB%E3%82%BF/?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en-US&_x_tr_pto=wapp, Jun. 27, 2018, p. 7.

Fitness Workout Unique Neomorphic Design Kit, stock.adobe.com [online], available by Jun. 30, 2020 (as verified by Tin Eye), [retrieved on Oct. 28, 2021], retrieved from the Internet in 2 pages. <https://stock.adobe.com/360627275>.

Head Unit Android After Market, by Tomiko, headunitandroid.wordpress.com [online], published on May 3, 2018, [retrieved on

Dec. 8, 2021], retrieved from the Internet in 2 pages. <https://headunitandroid.wordpress.com/tag/usmamntmkmultymedia/>.

Health Care Dashboard Design, by Rahman, dribbble.com [online], published on Feb. 16, 2020, [retrieved on Nov. 2, 2021], retrieved from the Internet in 1 page. <https://dribbble.com/shots/10130655-Health-Care-Dashboard-Design>.

How to Make a Progressive Web App, by Crook, appinstitute.com [online], published on Oct. 16, 2017, [retrieved on Dec. 8, 2021], retrieved from the Internet in 2 pages <https://appinstitute.com/how-to-make-a-progressive-web-app/>.

Instagram Redesign—Free Adobe XD Resource, by Mozaffarian, adobexdelements.com [online], published on Mar. 24, 2020, [retrieved on Nov. 11, 2021], retrieved from the Internet in 1 page. <https://adobexdelements.com/instagram-redesign/>.

Masimo SafetyNet App Quick Reference Guide, masimo.com [online], available by Jun. 29, 2020 (as verified by Wayback Machine®), [retrieved on Oct. 29, 2021], retrieved from the Internet in 5 pages. <https://www.masimo.com/products/hospital-automation/masimo-safetynet/>.

Masimo Webinar: Massimo SafetyNet and Covid-19, by Masimo, YouTube [online], published on Apr. 16, 2020, [retrieved on Oct. 29, 2021], retrieved from the Internet in 1 page. <https://www.youtube.com/watch?v=4q7y-5-dlu8>.

Medical Care App, by Keii, dribbble.com [online], published on Jun. 24, 2018, [retrieved on Oct. 29, 2021], retrieved from the Internet in 1 page. <https://dribbble.com/shots/4744935-Medical-Care-App>.

Pulse Oximeter App: What is it and How to Use it?, by Verma, wepromote247.com [online], published on Aug. 26, 2020, [retrieved on V Oct. 28, 2021], retrieved from the Internet in 1 page. <https://www.wepromote247.com/pulse-oximeter-app-what-is-it-and-how-to-use-it/>.

St. Luke’s University Health Network One of the First in the World to Pilot Masimo SafetyNet™, businesswire.com [online], published on Apr. 7, 2020, [retrieved on Dec. 7, 2021], retrieved from the Internet in 2 pages. <https://www.businesswire.com/news/home/20200407005286/en/4736209/>.

Wellness Center Personal Dashboard UI, by Bhosle, dribbble.com [online], published on Jul. 31, 2020, [retrieved on Nov. 2, 2021], retrieved from the Internet in 1 page. <https://dribbble.com/shots/13940258-Wellness-Center-Personal-Dashboard-UI>.

Wordpress LMS Plugin Sensei & LMS Theme, by Jain, vdocipher.com [online], published on Jun. 10, 2018, [retrieved on Dec. 8, 2021], retrieved from the Internet in 3 pages. <https://www.vdocipher.com/blog/2018/06/wordpress-lms-plugin-sensei-website/>.

* cited by examiner

