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(54) **WEARABLE DEVICE**

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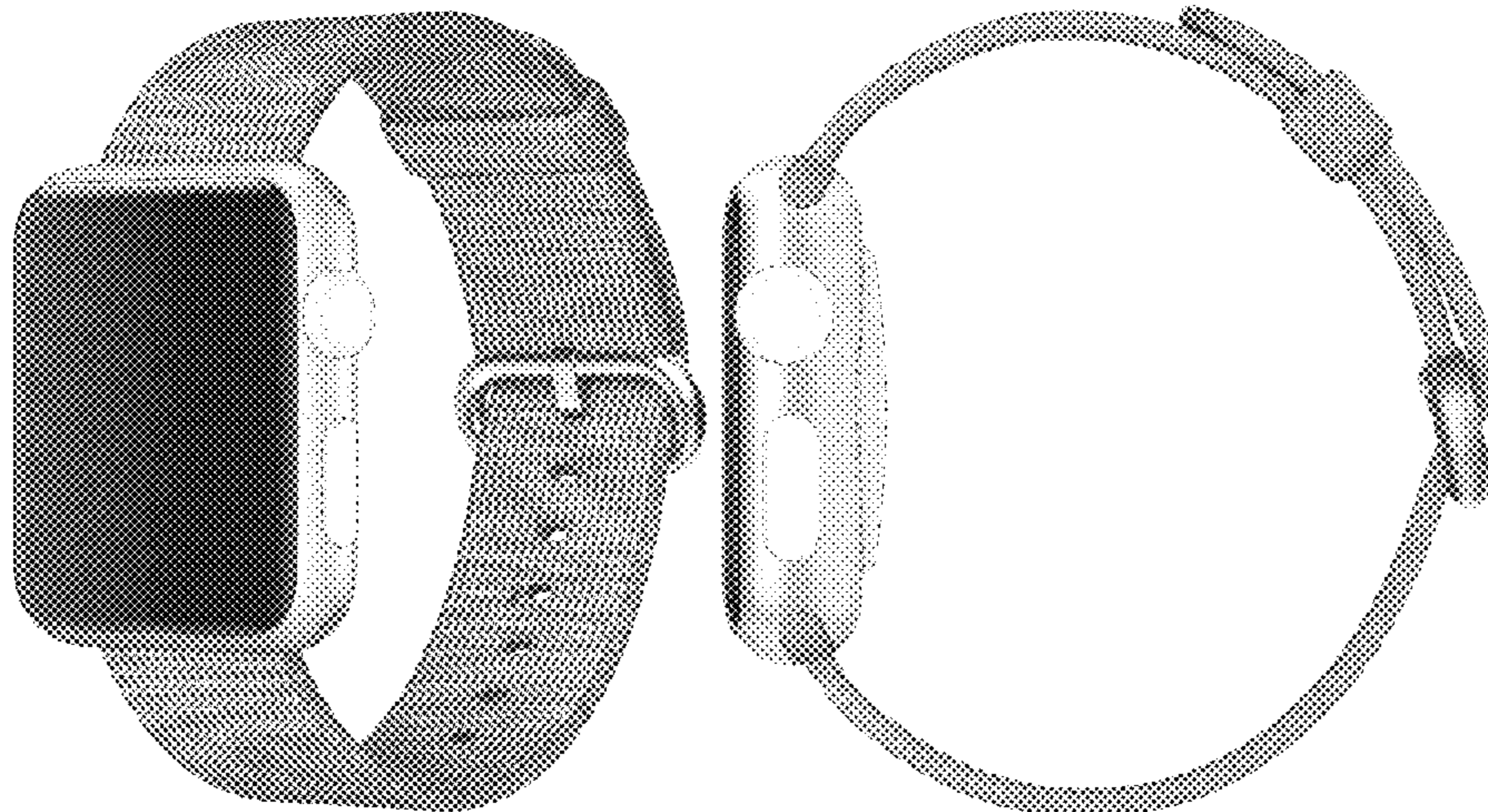
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(56) **References Cited**

U.S. PATENT DOCUMENTS

D80,307 S	1/1930	Conant
2,280,490 A	4/1942	Keltie
2,397,797 A	4/1946	Curto
2,451,750 A	10/1948	Kreisler et al.
D181,889 S	1/1958	Taylor
3,030,686 A	4/1962	Burkhardt
3,640,065 A	2/1972	Lederrey et al.
3,665,565 A	5/1972	Kruger
3,675,284 A	7/1972	Rieth
D270,430 S	9/1983	Fukuoka
D287,471 S	12/1986	Sato et al.
4,627,231 A	12/1986	Kiuchi
D320,356 S	10/1991	Boyer et al.
5,265,009 A	11/1993	Colavita
D344,038 S	2/1994	Phillips et al.
D350,351 S	9/1994	Nakamura
5,363,351 A	11/1994	Carney
5,386,933 A	2/1995	Greene et al.
5,574,701 A	11/1996	Harilela
5,589,376 A	12/1996	Anderson et al.
D377,914 S	2/1997	Riley
D379,327 S	5/1997	Navera
D379,775 S	6/1997	Gazzola



US D883,977 S

D383,985 S	9/1997	Davenport		D748,010 S	1/2016	Akana et al.	
D386,980 S	12/1997	Houlihan		D748,527 S	2/2016	Akana et al.	
5,886,669 A	3/1999	Kita		D749,009 S	2/2016	Akana et al.	
D438,812 S	3/2001	Bert		D749,460 S	2/2016	Akana et al.	
D439,172 S	3/2001	Brzezinski		D751,070 S	3/2016	Akana et al.	
D440,901 S	4/2001	Bruce et al.		D751,550 S	3/2016	Solomon et al.	
6,219,303 B1	4/2001	Morohoshi et al.		D752,044 S	3/2016	Akana et al.	
D441,680 S	5/2001	Bruce et al.		D753,008 S	4/2016	Akana et al.	
6,238,083 B1	5/2001	Hirano et al.		D756,357 S	5/2016	Akana et al.	
D461,726 S	8/2002	Jamin		D756,824 S	5/2016	Akana et al.	
D473,818 S	4/2003	Salvisberg		D757,722 S	5/2016	Akana et al.	
6,655,831 B1	12/2003	Ruffieux		D757,819 S *	5/2016	Akana	D14/496
D494,098 S	8/2004	Cohen		D758,363 S	6/2016	Akana et al.	
D496,589 S	9/2004	Perrenoud		D759,011 S	6/2016	Akana et al.	
6,801,476 B2	10/2004	Gilmour		D759,725 S	6/2016	Akana et al.	
6,970,157 B2	11/2005	Siddeeq		D760,395 S	6/2016	Barbaric et al.	
D513,195 S	12/2005	Gruosi		D764,340 S	8/2016	Akana et al.	
7,004,469 B2	2/2006	Von Goeben		D764,341 S	8/2016	Akana et al.	
D528,439 S	9/2006	Burton		D764,967 S	8/2016	Akana et al.	
D528,928 S	9/2006	Burton		D766,115 S	9/2016	Ma	
7,106,197 B2	9/2006	Gaiotto et al.		D768,025 S	10/2016	Akana et al.	
7,275,667 B2	10/2007	Bertucci		D768,623 S	10/2016	Zou et al.	
D558,227 S	12/2007	Cho et al.		D768,634 S	10/2016	Akana et al.	
D564,904 S	3/2008	Leung		D769,869 S	10/2016	Zhou et al.	
D572,266 S	7/2008	Anderson et al.		D771,035 S	11/2016	Akana et al.	
D574,735 S	8/2008	Landman et al.		D771,036 S	11/2016	Akana et al.	
D578,922 S	10/2008	Hoshino		D777,163 S	1/2017	Akana et al.	
D584,170 S	1/2009	Morrison		D781,853 S	3/2017	Akana et al.	
D586,823 S	2/2009	Anderson et al.		D789,822 S	6/2017	Akana et al.	
D589,375 S	3/2009	Tang		D791,188 S *	7/2017	Akana	D10/32
D589,376 S *	3/2009	Tang	D10/32	D795,121 S *	8/2017	Akana	D11/3
D596,610 S	7/2009	Hou		D795,864 S *	8/2017	Akana	D14/344
D606,889 S	12/2009	Nusbbaumer		D798,905 S *	10/2017	Akana	D14/496
D616,417 S	5/2010	Liao		D802,151 S *	11/2017	Bagatar	D24/186
7,708,457 B2	5/2010	Girardin et al.		D803,709 S *	11/2017	Le Bihan	D10/70
D622,164 S	8/2010	Mikkelsen		D806,071 S *	12/2017	Akana	D14/344
D631,373 S	1/2011	Mikkelsen		D812,052 S	3/2018	Akana et al.	
D637,094 S	5/2011	Cobbett et al.		D816,522 S *	5/2018	Zhou	D10/70
D637,918 S	5/2011	Cobbett et al.		D828,835 S *	9/2018	Akana	D14/344
D650,706 S	12/2011	Zanella et al.		10,064,458 B2 *	9/2018	Griffin, II	A44C 5/0053
D666,503 S	9/2012	Bulgari		10,149,518 B1 *	12/2018	de Iuliis	A44C 5/0007
D674,488 S	1/2013	Mckay et al.		10,162,446 B2 *	12/2018	Kuboyama	G06F 3/0414
D681,483 S	5/2013	Biegert et al.		D842,855 S *	3/2019	Akana	D14/344
8,601,784 B2	12/2013	Kaltenrieder		10,318,958 B2 *	6/2019	Kim	G06F 3/0414
8,613,544 B2	12/2013	Kitahara et al.		D854,961 S *	7/2019	Akana	D11/3
D699,701 S	2/2014	Kim		10,474,192 B2 *	11/2019	Song	H02J 50/10
8,647,268 B2	2/2014	Tran		2001/0017663 A1	8/2001	Yamaguchi et al.	
8,766,805 B2	7/2014	Alameh et al.		2002/0051075 A1	5/2002	Yamaguchi et al.	
D715,674 S	10/2014	Squires		2010/0061191 A1	3/2010	Chen	
D719,123 S	12/2014	Park et al.		2014/0096345 A1	4/2014	Tschumi	
D719,467 S	12/2014	Bradbury		2014/0098649 A1	4/2014	Tschumi	
D720,249 S	12/2014	Park et al.		2017/0046451 A1	2/2017	Akana et al.	
D724,176 S	3/2015	Maestas					
D724,469 S	3/2015	Akana et al.					
D727,197 S	4/2015	Akana et al.					
D727,198 S *	4/2015	Akana	D11/3				
D727,199 S	4/2015	Akana et al.					
D727,787 S	4/2015	Akana et al.					
D728,624 S	5/2015	Akana et al.					
D729,670 S	5/2015	Nuovo et al.					
D730,209 S	5/2015	Wolos et al.					
D731,346 S	6/2015	Akana et al.					
9,060,683 B2	6/2015	Tran					
D734,330 S	7/2015	Huang et al.					
D737,156 S	8/2015	Akana et al.					
D737,157 S	8/2015	Akana et al.					
D737,158 S	8/2015	Akana et al.					
D737,159 S	8/2015	Akana et al.					
D739,780 S	9/2015	Akana et al.					
D741,726 S	10/2015	Akana et al.					
9,155,168 B2	10/2015	Araujo et al.					
9,171,434 B2	10/2015	Faaborg et al.					
D744,356 S	12/2015	Akana et al.					
D745,421 S	12/2015	Akana et al.					
D745,515 S	12/2015	Solomon et al.					
D746,707 S	1/2016	Akana et al.					
D747,313 S *	1/2016	Song	D14/344				
D748,008 S	1/2016	Akana et al.					
D748,009 S	1/2016	Akana et al.					

FOREIGN PATENT DOCUMENTS

DE	19513647	A1	10/1995
DE	10229050	C1	6/2003
EP	1098231	A1	5/2001
EP	001109706-0025		5/2009
EP	2636328	A1	9/2013
ES	001359301-0002		6/2013
GB	618917	A	3/1949
GB	1056574		8/1989
GB	2047767		9/1995
GB	2049316		12/1995
GB	2082277		6/1999
HK	0501949.8		12/2005
HK	1001605.7		12/2010
JP	D1126907		11/2001
JP	D1337795		8/2008
JP	D1423962		9/2011
JP	D1433115		2/2012
JP	D1448029		8/2012
JP	D1462747		2/2013
WO	WO-DM/012262-001		1/1989
WO	WO-DM/049450-002		12/1999
WO	WO-DM/066491-004		3/2005
WO	WO-DM072215		9/2009
WO	WO-DM/077452-004		6/2011

WO WO-DM/079044-003 9/2012
 WO WO-2013182397 A1 12/2013
 WO WO-2014135709 A2 9/2014

OTHER PUBLICATIONS

Alvarez, Edgar, “Basis Peak to get its smartwatch-like features in December,” *engadget.com*, < <http://www.engadget.com/2014/11/20/basis-peak-new-features/>>, dated Nov. 20, 2014, accessed Dec. 15, 2014.

Cool Material, “Braun Square Digital Watch,” < <http://web.archive.org/web/20111125033014/http://coolmaterial.com/style/braun-square-digital-watch/>>, dated Nov. 25, 2011, accessed Dec. 18, 2014.

Emily, “Nixon—The Newton Digital,” < <http://www.freshnessmag.com/2009/09/08/nixon-the-newton-digital/>>, *freshnessmag.com*, dated Sep. 8, 2009, accessed Oct. 9, 2014.

etsy.com, “1 Set Silver End Cap Clasp—Findings Large Toggle Clasp End Caps Buckle Connector with Five Inside Loops for Jewelry Making 26mm,” < <http://www.etsy.com/listing/101269004/1-set-silver-end-cap-clasp-findings?ref=market>>, Listed on Aug. 29, 2014, accessed Oct. 9, 2014.

“Field Ops Watch Band Kit” < <http://www.511tactical.com/field-ops-watch-band-kit.html>>, accessed Nov. 25, 2014.

Fitbit, “Fitbit Surge™ Fitness Super Watch” < <https://www.fitbit.com/surge>>, accessed Dec. 15, 2014.

Free Silicone Band, Inteny Apple Watch Band Series 1 Series 2 Colorful Pattern Woven Nylon Band Replacement Wrist Bracelet Strap Buckle for iWatch, 38mm, Toasted Coffee & Caramel, posted unknown, [retrieved Oct. 27, 2016]. Retrieved from Internet, < URL: <https://www.amazon.com/dp/B01LXBIO6M?psc=1>>.

geekbuying.com, “Makibes unisex red led digital wrist watch with square case silicone watchband—white,” < <http://www.geekbuying.com/item/Unisex-Red-LED-Digital-Wrist-Watch-with-Square-Case-Silicone-Watchband---White-326443.html>>, accessed Oct. 9, 2014.

Google’s upcoming smartwatch is an Android project not X Lab, posted Mar. 22, 2013, [retrieved Jul. 22, 2016]. Retrieved from Internet, < URL: <http://www.talkandroid.com/155456-google-upcoming-smartwatch-is-an-android-project-not-x-lab/>>.

Hiemstra, Graham, “Worn & Wound Model 1 Horween Watch Strap,” < <http://www.coolhunting.com/style/worn-wound-model-1-horween-watch-strap>>, dated Aug. 27, 2013, accessed Nov. 25, 2014.

Hilbourne, Jason, “Wide Body: straps for Pebble,” < <https://www.kickstarter.com/projects/1171859847/wide-body-straps-for-pebble>>, Listed Apr. 2, 2013, accessed Nov. 25, 2014.

Hodinkee.com, “Apple iPod Nano Now Available With Mickey Mouse Dial, Also Cheesy, Mechanically Inaccurate Open-Worked Dial,” < <http://web.archive.org/web/20111006043916/http://www.hodinkee.com/blog/2011/10/5/apple-ipod-nano-now-available-with-mickey-mouse-dial-also-ch.html>>, dated Oct. 6, 2011, accessed Dec. 18, 2014.

Homego, “M6 Silver Smart Watch Cell Phone 1.54 inch Bluetooth 3.0 Dialer Outdoor Sports Pedometer,” *amazon.com*, < <http://www.amazon.com/Silver-Bluetooth-Dialer-Outdoor-Pedometer/dp/B00MQTBGK6>>, accessed Dec. 15, 2014.

Home/smart watches/Apple/Watch Sport 38mm Aluminium Case Nylon Pink, posted Mar. 2015, [retrieved Jun. 20, 2017]. Retrieved from Internet, URL: <https://www.mobileshop.eu/smart-watches/apple/watch-sport-38mm-aluminium-case-nylon-pink/>.

Ikepod, “Original Ikepod Watch With GMT—Marc Newson Design,” *Watchbox.be*, < <http://www.watchbox.be/prod/Others-Watches/Marc%20Newson%20Design/item7165.htm#.VJLm2fAo5D8>>, accessed Dec. 17, 2014.

LG Life’s Good, “LG G Watch (W100),” < <http://www.lg.com/us/smart-watches/lg-W100-g-watch>>, accessed Dec. 18, 2014.

Metawatch, “Frame—Black (MW3005),” < <http://meta.watch/collections/smartwatch-all/products/frame-ss-black-leather>>, accessed Dec. 15, 2014.

Omate, “Omate TrueSmart: Water-resistant standalone Smartwatch 2.0,” < <http://www.kickstarter.com/projects/omate/omate-truesmart-water-resistant-standalone-smartwa>>, dated Aug. 21, 2013, accessed Oct. 8, 2014.

Omate Smartwatch Launches on Kickstarter Offering a Wealth of Features, posted Aug. 22, 2013, [retrieved Jul. 22, 2016]. Retrieved from Internet, URL: <http://www.geeky-gadgets.com/omate-smartwatch-launches-on-kickstarter-offering-a-wealth-offeatures-video-22-08-2013/>.

[Online] http://a.abcnews.com/images/Business/HT_gold_apple_iwatch_jef_140909_4x3_992.jpg, Retrieved on Feb. 4, 2015, 1 page.

Pebble, “Pebble Smartwatch,” *getpebble.com*, < <https://getpebble.com/checkout>>, accessed Dec. 15, 2014.

Samsung, “Samsung Gear™ 2 Charcoal Black SM-R3800VSAXAR,” < <http://www.samsung.com/us/mobile/wearable-tech/SM-R3800VSAXAR>>, accessed Dec. 15, 2014.

Samsung, “Samsung Gear S™, (Sprint), Black SM-R750PZKASPR,” < <http://www.samsung.com/us/mobile/wearable-tech/SM-R750PZKASPR>>, accessed Dec. 15, 2014.

Samsung, “Galaxy Gear™ Live, Black SM-R3820ZKAXAR,” < <http://www.samsung.com/us/mobile/wearable-tech/SM-R3820ZKAXAR>>, accessed Dec. 15, 2014.

Sony, “SmartWatch 3 SWR50,” < <http://www.sonymobile.com/us/products/smartwear/smartwatch-3-swr50/>>, accessed Dec. 15, 2014.

Sony, “SmartWatch,” < <http://www.sonymobile.com/us/products/accessories/smartwatch/>>, accessed Dec. 15, 2014.

Stables, James, “Clevercare smartwatch aims to help Alzheimer’s suffers and carers: Revamped Sony SmartWatch 2 designed for users that need care,” *Wearable News*, < <http://www.wearable.com/wearable-tech/clevercare-smartwatch-aims-to-help-alzheimers-suffers-and-carers-585>>, dated Dec. 15, 2014.

Ted Baker, “Ted Baker Men’s TE1054 Time Flies Contemporary Square Digital Case Watch,” < <http://www.amazon.com/Ted-Baker-TE1054-Contemporary-Digital/dp/B0045CRTYO%3FSubscriptionId%3DAKIAJ3U4YRIBWCGGKZ2A%26tag%3Dfrases365-20%26linkCode%3Dsp1%26camp%3D2025%26creative%3D165953%26creativeASIN%3DB0045CRTYO>>, accessed Oct. 9, 2014.

“Timex Men’s Q7B808 Ironman Triathlon 30-Lap Resin 16mm Replacement Watchband” < http://www.amazon.com/Timex-Ironman-Triathlon-Replacement-Watchband/dp/B003OPZ5D0/ref=sr_1_1?s=apparel&ie=UTF8&qid=1416701895&sr=1-1&keywords=Timex+Men%27s+Q7B808+Ironman+Triathlon+30-Lap+Resin+16mm+Replacement+Watchband>, accessed Nov. 25, 2014.

Top Brand Luxury Style Daniel Wellington Watches DW Watch for Men Nylon Strap Military Quartz Wristwatch Clock Reloj hombre 40mm, posted unknown, [retrieved Oct. 27, 2016]. Retrieved from Internet, URL: <http://www.dhgate.com/product/topbrand-luxury-style-daniel-wellington/239253633.html>.

Velazco, Chris, “ASUS ZenWatch review: subtle and stylish, with a few shortcomings,” *Engadget.com*, < <http://www.engadget.com/2014/12/11/asus-zenwatch-review/>>, dated Dec. 11, 2014, accessed Dec. 15, 2014.

WatchCat Online Shopping Mall, “PJS Seiko,” < http://m.watchcat.co.kr/board/product/read.html?board_no=4&no=27504>, dated Oct. 26, 2012, accessed Oct. 8, 2015.

WatchCat Online Shopping Mall, “PVD Zulu style Military Nylon band/strap,” < http://www.watchcat.kr/product/detail.html?product_no=5162&cate_no=642&display_group=1>, dated 2010, accessed Oct. 8, 2015.

Watches Infoniac.com, “Hermes Carre H Watch—Extremely Contemporary Design,” < <http://watches.infoniac.com/carre-h-watch-hermes.html>>, dated Aug. 13, 2010, accessed Dec. 18, 2014.

Watchismo, “Braun BN0042 Black Date Leather,” < <http://web.archive.org/web/20130815073830/http://www.watchismo.com/braun-bn0042bkbk.aspx>>, dated Aug. 15, 2013, accessed Dec. 18, 2014.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a wearable device, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a wearable device showing the claimed design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a right side view thereof; and,

FIG. 5 is a left side view thereof.

The dot-dash broken lines in the figures and the areas within the dot-dash broken lines show portions of the wearable device that form no part of the claimed design.

The dashed broken lines in the figures show portions of the wearable device that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5