

SCHEDULE A

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Name of Debtor: Jawbone Health Hub, Inc. and JB IP Acquisition, LLC

Name of Secured Party: J Fitness, LLC

PATENTS AND PATENT APPLICATIONS

A. Utility Patents

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| US6605038 | US09/602537 | US | System for monitoring health, wellness and fitness |
| US7261690 | US09/923181 | US | Apparatus for monitoring health, wellness and fitness |
| US7020508 | US10/227575 | US | Apparatus for detecting human physiological and contextual information |
| US8157731 | US10/682293 | US | Method and apparatus for auto journaling of continuous or discrete body states utilizing physiological and/or contextual parameters |
| US7285090 | US10/682759 | US | Apparatus for detecting, receiving, deriving and displaying human physiological and contextual information |
| US8398546 | US10/940214 | US | System for monitoring and managing body weight and other physiological conditions including iterative and personalized planning, intervention and reporting |
| US7502643 | US10/940889 | US | Method and apparatus for measuring heart related parameters |
| US8663106 | US11/088002 | US | Non-invasive temperature monitoring device |
| US8073707 | US11/247049 | US | System for detecting, monitoring, and reporting an individual's physiological or contextual status |
| US8961413 | US11/434949 | US | Wireless communications device and personal monitor |
| US20070100666 | US11/582896 | US | Devices and systems for contextual and physiological-based detection, monitoring, reporting, entertainment, and control of other devices |
| US8961414 | US11/724373 | US | Apparatus for monitoring health, wellness and fitness |
| US7959567 | US11/876623 | US | Device to enable quick entry of caloric content |
| US9033875 | US11/925906 | US | Multi-sensor system, device, and method for deriving human status information |
| US8708904 | US11/925965 | US | Device utilizing data of a user's context or activity to determine the user's caloric consumption or expenditure |
| US9204806 | US11/928039 | US | Systems, methods, and devices to determine and predict physiological states of individuals and to administer therapy, reports, notifications, and the like therefor |
| US20080167536 | US11/930036 | US | Method and apparatus for auto journaling of body states and providing derived physiological states utilizing physiological and/or contextual parameter |
| US9033876 | US11/930053 | US | Method and apparatus for deriving and reporting a physiological status of an individual utilizing physiological parameters and user input |
| US9165117 | US11/930081 | US | Method and apparatus for identifying and reporting a physiological condition of an individual utilizing physiological and contextual parameters |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|--|
| US8641612 | US11/930091 | US | Method and apparatus for detecting and predicting caloric intake of an individual utilizing physiological and contextual parameters |
| US8968196 | US11/930092 | US | Method and apparatus for deriving and reporting a physiological status of an individual utilizing physiological and contextual parameters |
| US8852098 | US11/930094 | US | Method and apparatus for deriving and reporting the thermic effect of food and calories consumed for an individual utilizing physiological parameters |
| US8369936 | US12/840109 | US | Wearable apparatus for measuring heart-related parameters and deriving human status parameters from sensed physiological and contextual parameters |
| US8870766 | US13/291879 | US | Method and apparatus for providing derived glucose information utilizing physiological and/or contextual parameters |
| US20120059230 | US13/291982 | US | Wearable body monitor to provide indicators of an individual |
| US20130158367 | US13/761409 | US | System for monitoring and managing body weight and other physiological conditions including iterative and personalized planning, intervention and reporting capability |
| US20130158368 | US13/761557 | US | System for monitoring and managing body weight and other physiological conditions including iterative and personalized planning, intervention and reporting capability |
| US8979763 | US14/058501 | US | Adhesively mounted apparatus for determining physiological and contextual status |
| US9168001 | US14/058563 | US | Adhesively mounted apparatus for determining physiological and contextual status |
| US20140213855 | US14/059054 | US | System for automatic journaling of a user's context |
| US20140213856 | US14/059072 | US | System for automatic journaling of a user's context |
| US20140232516 | US14/083372 | US | Contextual and presence sensing to operate electronic devices |
| US20140203797 | US14/083382 | US | Social contact sensing |
| US20140223406 | US14/083389 | US | Systems and methods for measuring a state parameter |
| US20140221774 | US14/136750 | US | System to determine stress of an individual |
| US20150289808 | US14/248830 | US | System for monitoring and presenting health, wellness, nutrition and fitness data with feedback and coaching engine and activity detection |
| US20150289809 | US14/248853 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine |
| US20150289810 | US14/248885 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine utilizing multiple user data |
| US20140221788 | US14/249211 | US | System for monitoring and presenting health, wellness and fitness data having user selectable parameters |
| US20140221791 | US14/249314 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine |
| US20140342328 | US14/249318 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine |
| US20150294594 | US14/249328 | US | System for monitoring and presenting health, wellness, nutrition and fitness data with feedback and coaching engine |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| US20150289811 | US14/284947 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine utilizing multiple user data |
| US20150289812 | US14/285018 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine and modeling capability |
| US20150339946 | US14/285232 | US | System for monitoring and presenting health, wellness and fitness trend data having user selectable parameters |
| US20140276192 | US14/292105 | US | Wearable body monitor device with a processing unit operable to tell time |
| US20140275812 | US14/292368 | US | Flexible wearable body monitor device with sensor |
| US20140275813 | US14/292735 | US | Wearable body monitor device with a flexible section and sensor therein |
| US20150294575 | US14/292831 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine and activity detection |
| US20150294576 | US14/292833 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine and activity and pattern detection |
| US20150289797 | US14/336413 | US | System for monitoring and presenting health, wellness and fitness trend data with activity and pattern detection |
| US20150289798 | US14/336448 | US | System for monitoring and presenting health, wellness and fitness trend data with activity and pattern detection and feedback and coaching engine |
| US20150289799 | US14/336539 | US | System for monitoring and presenting health, wellness and fitness trend data with activity detection and feedback and coaching engine |
| US20150245797 | US14/509034 | US | Method and apparatus for deriving and reporting the thermic effect of food and calories consumed for an individual utilizing physiological parameters |
| US20150282767 | US14/526499 | US | Method and apparatus for providing derived glucose information utilizing physiological and/or contextual parameters |
| US20150238097 | US14/636157 | US | Apparatus for monitoring health, wellness and fitness |
| US20160310022 | US15/079041 | US | Apparatus for detecting human physiological and contextual information |
| US6595929 | US09/822890 | US | System for monitoring health, wellness and fitness having a method and apparatus for improved measurement of heat flow |
| US6527711 | US09/419600 | US | Wearable human physiological data sensors and reporting system therefor |
| US7153262 | US10/313255 | US | Wearable human physiological data sensors and reporting system therefor |
| US8403845 | US11/481147 | US | Wearable human physiological and environmental data sensors and reporting system therefor |
| US6711426 | US10/119998 | US | Spectroscopy illuminator with improved delivery efficiency for high optical density and reduced thermal load |
| US7062306 | US10/651541 | US | Spectroscopy illuminator with improved delivery efficiency for high optical density and reduced thermal load |
| US20080009689 | US11/820809 | US | Difference-weighted somatic spectroscopy |

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|---------------------------|---------------------------|----------------|---|
| US20080188727 | US12/101906 | US | Broadband solid-state spectroscopy illuminator and method |
| US20160354016 | US14/731439 | US | Microchip spectrophotometer |
| US6748259 | US09/595370 | US | Optical imaging of induced signals in vivo under ambient light conditions |
| US7668587 | US10/437670 | US | Optical imaging of induced signals in vivo under ambient light conditions |
| US7427165 | US11/154023 | US | Optical and electrical hybrid connector |
| US7813778 | US11/193071 | US | Implantable tissue ischemia sensor |
| US20090006457 | US12/033722 | US | Lifestyles |
| US20080319796 | US12/033741 | US | Medical applications of lifestyles |
| US20080319786 | US12/033746 | US | Publishing and insurance applications of lifestyles |
| US20080319781 | US12/033751 | US | Assessment and grouping applications of lifestyles |
| US8382590 | US12/033753 | US | Entertainment, gaming and interactive spaces based on lifestyles |
| US8275635 | US12/033760 | US | Integration of lifestyles with devices and systems |
| US20080319855 | US12/033766 | US | Advertising and marketing based on lifestyles |
| US20140122496 | US14/060004 | US | Using data from wearable monitors to identify cohorts |
| US20140122536 | US14/060029 | US | Methods for behavior modification based on data from a wearable device |
| US20140122537 | US14/060047 | US | Using aggregated sensed data of individuals to predict physiological state |
| US9396486 | US14/060072 | US | Using aggregated sensed data of individuals to predict the mental state of an individual |
| US20140180720 | US14/081369 | US | Data predicting the type of individual used with separate applications |
| US9262772 | US14/081406 | US | Systems and methods using a wearable device to determine an individuals daily routine |
| US20140180024 | US14/081880 | US | Systems and methods using a wearable device to predict an individuals daily routine |
| US20140180025 | US14/081889 | US | System and method of predicting the type of individual used with separate applications |
| US20140310294 | US14/081935 | US | Systems and methods using a wearable device to predict the individuals type and a suitable therapy regime |
| US20140222849 | US14/081951 | US | Adaptation of user-interface based on predicted individual type |
| US20140310295 | US14/082179 | US | Systems and methods making recommendations based on data from wearable devices |
| US20140310296 | US14/082180 | US | Systems and methods making recommendations based on data from wearable devices |
| US20140310223 | US14/082183 | US | Systems and methods making recommendations based on data from wearable devices |
| US20140309939 | US14/082185 | US | Systems and methods using an individual's context and type to determine the individuals status |
| US20140214836 | US14/082192 | US | Systems and methods using an individuals predicted type and context for behavioral modification |
| US20140310297 | US14/133612 | US | Home automation systems utilizing detected stress data of an individual |
| US20140221773 | US14/133620 | US | Determining a continuous duration that an individual has been in the stress-related state |

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|--------------------|--------------------|---------|--|
| US20140220525 | US14/133622 | US | Managing educational content based on detected stress state and an individuals predicted type |
| US20140222732 | US14/133625 | US | Managing educational content based on detected stress state |
| US20140221775 | US14/137087 | US | Delivering content based on a determination of stress |
| US20140317039 | US14/138043 | US | Systems, methods, and devices utilizing cumulative sleep data to predict the health of an individual |
| US20140316885 | US14/138046 | US | Systems, methods, and devices to deliver targeted content using information about an individuals sleeping habits |
| US20140310105 | US14/139871 | US | Systems, methods, and devices to determine an individuals mood based on sensed data and the individuals predicted type |
| US20140222735 | US14/139872 | US | Systems, methods, and devices to determine an individuals mood |
| US20140344282 | US14/139875 | US | Systems, methods and devices for determining sleep quality with wearable devices |
| US20120313272 | US13/158372 | US | Component protective overmolding |
| US8793522 | US13/180320 | US | Power management in a data-capable strapband |
| US20120313746 | US13/181486 | US | Device control using sensory input |
| US20120317024 | US13/181500 | US | Wearable device data security |
| US20120316896 | US13/181511 | US | Personal advisor system using data-capable band |
| US9069380 | US13/181512 | US | Media device, application, and content management using sensory input |
| US20120316456 | US13/181513 | US | Sensory user interface |
| US20120317167 | US13/361919 | US | Wellness application for data-capable band |
| US20120316471 | US13/405240 | US | Power management in a data-capable strapband |
| US8529811 | US13/427839 | US | Component protective overmolding using protective external coatings |
| US20120326873 | US13/433204 | US | Activity attainment method and apparatus for a wellness application using data from a data-capable band |
| US8446275 | US13/454040 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| US20130173171 | US13/491345 | US | Data-capable strapband |
| US20130198694 | US13/492770 | US | Determinative processes for wearable devices |
| US20130176142 | US13/492857 | US | Data-capable strapband |
| US20160270717 | US13/674080 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| US20140089672 | US13/802409 | US | Wearable device and method to generate biometric identifier for authentication using near-field communications |
| US20140354441 | US13/906109 | US | System and constituent media device components and media device-based ecosystem |
| US20140206289 | US14/064189 | US | Data-capable band management in an integrated application and network communication data environment |
| US20140273848 | US14/065415 | US | Data-capable band management in an integrated application and network communication data environment |

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|---------------------------|---------------------------|----------------|---|
| US20150118967 | US14/065419 | US | Data-capable band management in an integrated application and network communication data environment |
| US20140213872 | US14/070443 | US | Data-capable band for medical diagnosis, monitoring, and treatment |
| US20150130613 | US14/075523 | US | Selectively available information storage system |
| US20140156084 | US14/076014 | US | Data-capable band management in an integrated application and network communication data environment |
| US20150135284 | US14/079632 | US | Authentication for wearable devices |
| US20140194782 | US14/105172 | US | Power management in a data-capable strapband |
| US20140195166 | US14/105173 | US | Device control using sensory input |
| US20160054876 | US14/121355 | US | Activity insight micro-engine |
| US20140243609 | US14/144505 | US | Data-capable band for medical diagnosis, monitoring, and treatment |
| US20150182113 | US14/145849 | US | Real-time fatigue, personal effectiveness, injury risk device(s) |
| US20150182163 | US14/145856 | US | Wearable device to detect inflammation |
| US20140240144 | US14/145879 | US | Data-capable band management in an integrated application and network communication data environment |
| US20140240912 | US14/145887 | US | Component protective overmolding |
| US9258670 | US14/181595 | US | Wireless enabled cap for a data-capable device |
| US9355590 | US14/183425 | US | Sparkle display |
| US20140266780 | US14/194424 | US | Motion profile templates and movement languages for wearable devices |
| US20150186609 | US14/194495 | US | Data capable strapband for sleep monitoring, coaching, and avoidance |
| US20140306821 | US14/244677 | US | Motion profile templates and movement languages for wearable devices |
| US20150182164 | US14/246971 | US | Wearable ring for sleep monitoring |
| US20150137994 | US14/526503 | US | Data-capable band management in an autonomous advisory application and network communication data environment |
| US20160346977 | US15/141725 | US | Component protective overmolding using protective external coatings |
| US20160351114 | US15/168222 | US | Sparkle display |
| US9245514 | US13/561033 | US | Speaker with multiple independent audio streams |
| US20140094675 | US13/831260 | US | Arrayed electrodes in a wearable device for determining physiological characteristics |
| US20160066857 | US14/121938 | US | Device-based activity classification using predictive feature analysis |
| US20150297145 | US14/121939 | US | Device-based activity classification using predictive feature analysis |
| US20160066858 | US14/121940 | US | Device-based activity classification using predictive feature analysis |
| US20160066859 | US14/121941 | US | Device-based activity classification using predictive feature analysis |
| US20160070339 | US14/121942 | US | Device-based activity classification using predictive feature analysis |
| US20150282768 | US14/121943 | US | Arrayed electrodes in a wearable device for determining physiological characteristics |

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|--------------------|--------------------|---------|---|
| US20150359491 | US14/121947 | US | Physiological characteristic determination based on signal correlation |
| US20150057506 | US14/260221 | US | Arrayed electrodes in a wearable device for determining physiological characteristics |
| US20150348538 | US14/289617 | US | Speech summary and action item generation |
| US9265449 | US13/827683 | US | Wearable device structure with enhanced motion detection by motion sensor |
| US20160278703 | US15/051657 | US | Wearable device structure with enhanced motion detection by motion sensor |
| US20140128753 | US13/672398 | US | Piezoelectric heart rate sensing for wearable devices or mobile devices |
| US20140128754 | US13/672671 | US | Multimodal physiological sensing for wearable devices or mobile devices |
| US20140278208 | US14/215038 | US | Architecture for determining activity and activity types from sensed motion signals |
| US20150260989 | US14/205138 | US | Social data-aware wearable display system |
| US20140285402 | US14/205151 | US | Social data-aware wearable display system |
| US20140288447 | US14/209690 | US | Sensing physiological characteristics in association with ear-related devices or implements |
| US20140330132 | US13/886254 | US | Method for determining the heart rate of a subject |
| US9306897 | US13/906244 | US | Smart media device ecosystem using local data and remote social graph data |
| US20160294974 | US15/090585 | US | Smart media device ecosystem using local data and remote social graph data |
| US20150148632 | US14/552468 | US | Calorie monitoring sensor and method for cell phones, smart watches, occupancy sensors, and wearables |
| US20150148625 | US14/555059 | US | Respiratory monitoring sensor and method for cell phones, smart watches, occupancy sensors, and wearables |
| US20160143547 | US14/864857 | US | Rapid rate-estimation for cell phones, smart watches, occupancy, and wearables |
| US20160113503 | US14/864860 | US | Rapid rate-estimation for cell phones, smart watches, occupancy, and wearables |
| US20150172441 | US14/105119 | US | Communication management for periods of inconvenience on wearable devices |
| US20150182130 | US14/145852 | US | True resting heart rate |
| US20150245164 | US14/191284 | US | Interaction between wearable devices via broadcasted sensor-related data |
| US20150264431 | US14/213439 | US | Feedback for television content using sensor data |
| US20150334504 | US14/279253 | US | Determining positions of media devices based on motion data |
| US20150358767 | US14/301220 | US | Intelligent device connection for wireless media in an ad hoc acoustic network |
| US20150358768 | US14/301227 | US | Intelligent device connection for wireless media in an ad hoc acoustic network |
| US20160066812 | US14/121944 | US | Strap band for a wearable device |
| US20160066852 | US14/121948 | US | Strap band for a wearable device |
| US20160066841 | US14/480048 | US | One size fits all specifications for Phelp's band |
| US20160066853 | US14/532789 | US | Strap band for a wearable device |
| US20160070403 | US14/480446 | US | Formation of metalized interface for wearable devices |
| US20160071259 | US14/121465 | US | Wearable device assembly inspection devices and methods |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| US20160072554 | US14/480452 | US | Near-field antennas and methods of implementing the same for wearable pods and devices that include metalized interfaces |
| US20160220122 | US15/006096 | US | Physiological characteristics determinator |
| US20160328282 | US14/705917 | US | Predictive device failure analysis |
| US20160379520 | US14/749622 | US | Nutrient density determinations to select health promoting consumables and to predict consumable recommendations |
| US20170112391 | US14/924691 | US | Adhesively mounted apparatus for detecting human physiological and contextual information |
| US20170156594 | US14/961792 | US | Systems, methods, and devices to determine and predict physiological states of individuals and to administer therapy, reports, notifications, and the like therefor |
| N/A | 08/507,918 | US | Spectrophotometer and method for in vivo determination of chromophore concentration using time of flight and absorbance |
| N/A | 07/879,521 | US | Spectrophotometer and method for in vivo determination of chromophore concentration using time of flight and absorbance |
| N/A | 07/499,084 | US | Spectrophotometer and method for in vivo determination of chromophore concentration using time of flight and absorbance |
| N/A | 07/612,808 | US | Path resolved absorbance spectrophotometer and method for determination of chromophore concentration and spatial distribution in a medium |
| N/A | 62/050,952 | US | Respiratory monitoring sensor and method for cell phones, smart watches, occupancy and wearables |
| N/A | 62/053,780 | US | Reduced-power ambient light method for cell phones, smart watches, occupancy, and wearables |
| N/A | 62/054,873 | US | Rate-estimation method for cell phones, smart watches, occupancy sensors, and wearables |
| N/A | 11/729,395 | US | Systems and methods for the detection and analysis of in vivo circulating cells, entities, and nanobots |
| N/A | 12/197,162 | US | Optical and electrical hybrid connector |
| N/A | 60/580,414 | US | Z-tolerant mixed optical and electrical hybrid connector |
| N/A | 13/016,911 | US | Broadband solid-state illuminator for fluorimetry device and system |
| N/A | 13/016,874 | US | White LED for illumination with additional light source for analysis |
| N/A | 13/016,846 | US | Quantum dot LED device and method |
| N/A | 12/761,301 | US | Solid-state general illumination with broadband white LED and integrated heat sink |
| N/A | 12/404,006 | US | Integrated white LED illuminator and color sensor detected system and method |
| N/A | 12/180,449 | US | Illuminator probe with memory device and method |
| N/A | 12/113,887 | US | Broadband illuminator for oximetry, hemoglobin, methemoglobin, carboxy-hemoglobin, and other blood component monitoring |
| N/A | 11/451,681 | US | Device and methods for the detection of locally-weighted tissue ischemia |

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|--------------------|--------------------|---------|--|
| N/A | 12/651,247 | US | Optical imaging of induced signals in vivo under ambient light conditions |
| 6,246,901 | 09/690,195 | US | Detecting, localizing, and targeting internal sites in vivo using optical contrast agents |
| 6,167,297 | 09/305,855 | US | Detecting, localizing, and targeting internal sites in vivo using optical contrast agents |
| 5,762,609 | 08/474,263 | US | Device and method for analysis of surgical tissue interventions |
| 5,807,261 | 08/486,604 | US | Noninvasive system for characterizing tissue in vivo |
| 5,769,791 | 08/472,863 | US | Tissue interrogating device and methods |
| 5,785,658 | 08/473,004 | US | In vivo tissue analysis methods and apparatus |
| 5,772,597 | 08/437,327 | US | Surgical tool and effector |
| 6,594,518 | 09/012,602 | US | Device and method for classification of tissue |
| 5,987,346 | 08/771,952 | US | Device and method for classification of tissue |
| 5,752,519 | 08/725,239 | US | Device and method for detection, localization, and characterization of inhomogeneities in turbid media |
| 5,746,210 | 08/024,278 | US | Device and method for detection, localization, and characterization of inhomogeneities in turbid media |
| N/A | 07/849,152 | US | Device and method for in vivo qualitative or quantitative measurement of blood chromophore concentration using blood pulse spectrophotometry |
| RE36,044 | 08/853,498 | US | Path constrained spectrophotometer and method for determination of spatial distribution of light or other radiation scattering and absorbing substances in a radiation scattering medium |
| N/A | 08/140,812 | US | Path constrained spectrophotometer and method for determination of spatial distribution of light or other radiation scattering and absorbing substances in a radiation scattering medium |
| 5,413,098 | 07/994,947 | US | Path constrained spectrophotometer and method for determination of spatial distribution of light or other radiation scattering and absorbing substances in a radiation scattering medium |
| N/A | 07/813,958 | US | Path constrained spectrophotometer and method for determination of spatial distribution of light or other radiation scattering and absorbing substances in a radiation scattering medium |
| N/A | 12/040,881 | US | Medical imaging lens system, and method with high-efficiency light collection and collinear illumination |
| N/A | 60/904,591 | US | Biomedical imaging lens and system with high-efficiency light collection and collinear illumination |
| N/A | 11/255,675 | US | Ultra-high-specificity device and methods fore the screening of in-vivo tumors |
| N/A | 12/049,122 | US | Metabolism or biochemical based anti-spoofing biometrics devices, systems, and methods |
| N/A | 60/918,110 | US | Metabolism-based anti-spoofing biometrics devices and methods |
| N/A | 13/591,629 | US | Remote oximetry monitoring system and method |
| N/A | 12/858,396 | US | Implantable tissue ischemia sensor |
| N/A | 14/555,554 | US | Ambient light method for cell phones, smart watches, occupancy sensors, and wearables |
| N/A | 14/555,377 | US | Rate-estimation sensor and method for cell phones, smart watches, occupancy sensors, and wearables |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|--------------------|--------------------|---------|--|
| N/A | 14/554,053 | US | Method for detecting physiology at distance or during movement for mobile devices, illumination, security occupancy sensors, and wearables |
| N/A | 14/552,690 | US | Hydration monitoring sensor and method for cell phones, smart watches, occupancy, and wearables |
| N/A | 62/050,900 | US | Hydration monitoring sensor and method for cell phones, smart watches, occupancy, and wearables |
| N/A | 62/050,828 | US | Calorie monitoring sensor and method for cell phones, smart watches, occupancy and wearables |
| N/A | 61/989,140 | US | Content-aware sensor and method for cell phones, smart watches, occupancy, and wearables |
| N/A | 61/970,667 | US | Method for detecting heart and respiratory rate at distance or during movement for mobile devices, illumination, security and wearables |
| N/A | 61/908,926 | US | Content-aware sensor and method for cell phones, smart watches, and wearables |
| N/A | 61/657,439 | US | Detection and classification of multiple physical activities using bodymedia armband |
| N/A | 61/657,389 | US | Machine learning and sensor fusion for estimating continuous energy expenditure |
| N/A | 61/370,153 | US | Prediction of shock outcome using signal processing and machine learning |
| N/A | 61/370,152 | US | A novel method for detection of QRS complex with an adaptive points insertion |
| N/A | 61/259,381 | US | Prediction of critical injuries and illnesses using real-time signal analysis of multi-physiological signals collected by mobile title physiological monitors and prediction of critical injuries and illnesses using real-time signal analysis of multi-physiological signals |
| N/A | 61/167,287 | US | Detection of P, QRS, and T components of ECG using wavelet transformation |
| N/A | 61/164,173 | US | Non-piercing dry electrode and electrical contacts |
| N/A | 61/122,804 | US | Heart rate variability, vital sign and physiological analysis using wavelet transformation machine learning |
| N/A | 61/116,364 | US | Methods for real-time remote monitoring of oxygen debt and critical illness/injury metabolic stress |
| N/A | 61/050,520 | US | Electrocardiogram and heart rate analysis method |
| N/A | 60/958,516 | US | Systems, methods, and devices for non-invasive glucose monitoring |
| N/A | 60/901,952 | US | Systems and methods for understanding and applying the physiological and contextual life patterns of an individual or set of individuals |
| N/A | 60/833,235 | US | Display device for body monitoring system |
| N/A | 14/336,625 | US | System for monitoring and presenting health, wellness, nutrition and fitness data with feedback and coaching engine |
| N/A | 14/336,598 | US | System for monitoring and presenting health, wellness, nutrition and fitness data with feedback and coaching engine |
| N/A | 14/336,571 | US | System for monitoring and presenting health, wellness and fitness utilizing multiple user trend data having user selectable parameters |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|--------------------|--------------------|---------|---|
| N/A | 14/291,882 | US | A system for monitoring human status parameters |
| N/A | 14/291,620 | US | Insult detection |
| N/A | 14/285,194 | US | System for monitoring and presenting health, wellness and fitness trend data with feedback and coaching engine |
| N/A | 14/285,159 | US | System for monitoring and presenting health, wellness and fitness with feedback and coaching engine and activity detection |
| N/A | 14/285,092 | US | System for monitoring and presenting health, wellness and fitness data with activity and pattern detection |
| N/A | 14/285,036 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine and activity and pattern detection |
| N/A | 14/252,090 | US | Method and apparatus for providing derived glucose information utilizing physiological and/or contextual parameters |
| N/A | 14/249,235 | US | System for monitoring and presenting health, wellness and fitness trend data having user selectable parameters with modeling capability |
| N/A | 15/431,755 | US | System for monitoring and presenting health, wellness and fitness data with feedback and coaching engine utilizing multiple user data |
| N/A | 14/139,873 | US | Systems, methods, and devices for determining sleep data for groups of individuals |
| N/A | 15/241,053 | US | Systems, methods, and devices to determine an individual's mood based on sensed data and the individual's predicted type |
| N/A | 15/245,173 | US | Systems, methods, and devices to deliver targeted content using information about an individual's sleeping habits |
| N/A | 14/138,042 | US | Systems, methods, and devices utilizing cumulative sleep data to predict the health of an individual |
| N/A | 14/133,638 | US | Controlling a sensory device to reduce stress an individual's type and the data collected from a wearable sensor device |
| N/A | 14/133,634 | US | Providing recommendations to individuals based on the individual's type |
| N/A | 14/133,626 | US | Data from wearable sensor devices to manage educational content |
| N/A | 14/133,619 | US | Home automation systems utilizing detected stress data of an individual |
| N/A | 15/162,560 | US | Home automation systems utilizing detected stress data of an individual |
| N/A | 14/133,615 | US | Home automation systems utilizing detected stress data of an individual |
| N/A | 15/159,797 | US | Determining an individual's mood based on the individual's predicted type and detected data |
| N/A | 14/133,610 | US | Determining an individual's mood based on the individual's predicted type and detected data |
| N/A | 14/133,607 | US | Providing recommendations based on detected stress and a predicted type for an individual |
| N/A | 14/081,979 | US | Using a wearable device to predict an individual's type and response to content |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|--------------------|--------------------|---------|---|
| N/A | 14/081,956 | US | Generation of content based on predicted individual type |
| N/A | 11/928,067 | US | Systems, methods, and devices to determine and predict physiological states of individuals and to administer therapy, reports, notifications, and the like therefor |
| N/A | 11/928,033 | US | Systems, methods, and devices to determine and predict physiological states of individuals and to administer therapy, reports, notifications, and the like therefor |
| N/A | 14/249,290 | US | System for monitoring and presenting health, wellness and fitness trend data with feedback and coaching engine and modeling capability |
| N/A | 14/249,262 | US | System for monitoring and presenting health, wellness and fitness trend data having user selectable parameters |
| N/A | 14/249,135 | US | System for monitoring and presenting health, wellness and fitness data having user selectable parameters |
| N/A | 14/248,776 | US | System for monitoring and presenting health, wellness, nutrition and fitness data with feedback and coaching engine |
| N/A | 14/248,576 | US | System for monitoring and presenting health, wellness, nutrition and fitness data with feedback and coaching engine |
| N/A | 14/221,506 | US | Wrist-body monitoring device |
| N/A | 14/139,872 | US | Systems, methods, and devices to determine an individual's mood |
| N/A | 14/138,033 | US | Wearable apparatus to detect sleep stage information of an individual |
| N/A | 14/138,030 | US | Wearable apparatus to detect pulse transit time |
| N/A | 14/137,027 | US | Delivering content based on an individual's predicted type and stress-related state |
| N/A | 14/133,641 | US | Controlling a sensory device based on the inferred state information |
| N/A | 14/133,640 | US | Controlling a sensory device to reduce stress based on the determined stress-related state |
| N/A | 14/133,620 | US | Determining a continuous duration that an individual has been in the stress-related state |
| N/A | 14/083,407 | US | Wearable apparatus to detect and monitor sleep and other activities |
| N/A | 14/083,404 | US | Systems and methods of measuring caloric consumption |
| N/A | 14/083,401 | US | Systems and methods for measuring energy expenditure |
| N/A | 14/083,397 | US | Systems and methods for measuring energy expenditure of an individual |
| N/A | 14/082,190 | US | Providing recommendations based on the predicted context and type of individual as determined from a wearable device |
| N/A | 14/082,189 | US | Predicted type and contexts in assessments |
| N/A | 14/082,188 | US | Using individual's predicted type to aid in content selection |
| N/A | 14/082,186 | US | Systems and methods to determine changes in the individual's patterns |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|--|
| N/A | 14/082,178 | US | Systems and methods using wearable devices to determine a recommendation for the individual |
| N/A | 14/082,176 | US | Systems and methods using transactional data and data from a wearable device to deliver targeted marketing |
| N/A | 14/082,070 | US | Systems, methods, and devices to selectively present cumulative indicators of an individual's status over time |
| N/A | 14/081,972 | US | Using a wearable device to predict an individual's type and response to content |
| N/A | 14/081,967 | US | Generation of content based on predicted individual type |
| N/A | 14/081,942 | US | Adaptation of user-interface based on predicted individual type |
| N/A | 14/081,928 | US | Systems and methods using a wearable device to predict the individual's type and a suitable therapy regime |
| N/A | 14/081,901 | US | System and method using an individual's predicted type to diagnose a medical condition |
| N/A | 14/060,122 | US | Determining an individual's daily routine |
| N/A | 14/060,109 | US | Using lifeotypes to provide disease-related information to individuals |
| N/A | 14/060,096 | US | Using data from a wearable device to determine and present activities for types of individuals |
| N/A | 14/060,092 | US | Using data from a wearable device to determine, index, and present activities for types of individuals |
| N/A | 14/060,082 | US | Using aggregated sensed data of individuals to predict whether an individual requires assistance from a responder |
| N/A | 15/213,262 | US | Using aggregated sensed data of individuals to predict the mental state of an individual |
| 9,396,486 | 14/060,072 | US | Using aggregated sensed data of individuals to predict the mental state of an individual |
| N/A | 14/060,047 | US | Using aggregated sensed data of individuals to predict physiological state |
| N/A | 14/060,029 | US | Methods for behavior modification based on data from a wearable device |
| N/A | 14/060,010 | US | Using data from wearable monitors to identify cohorts |
| N/A | 15/245,167 | US | Using data from wearable monitors to identify cohorts |
| N/A | 14/059,117 | US | System for automatic journaling of a user's context |
| N/A | 14/058,539 | US | Adhesively mounted apparatus for determining physiological and contextual status |
| N/A | 14/058,493 | US | Adhesively mounted apparatus for determining physiological and contextual status |
| N/A | 14/058,485 | US | Adhesively mounted apparatus for determining physiological and contextual status |
| N/A | 14/636,158 | US | Wearable human physiological and environmental data sensors and reporting system therefor |
| N/A | 13/766,756 | US | Wearable human physiological and environmental data sensors and reporting system therefor |
| N/A | 15/431,734 | US | System for monitoring and managing body weight and other physiological conditions including iterative and personalized planning, intervention and reporting capability |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|--|
| N/A | 15/431,726 | US | System for monitoring and managing body weight and other physiological conditions including iterative and personalized planning, intervention and reporting capability |
| N/A | 13/734,433 | US | A wearable apparatus for measuring heart-related parameters and deriving human status parameters from sensed physiological and contextual parameters |
| N/A | 13/140,165 | US | Method and apparatus for determining heartrate variability using wavelet transformation |
| N/A | 13/130,282 | US | Method and apparatus for determining critical care parameters |
| N/A | 12/217,299 | US | Method and apparatus for providing derived glucose information utilizing physiological and/or contextual parameters |
| N/A | 15/442,612 | US | Assessment and grouping applications of lifestyles |
| N/A | 12/033,737 | US | Lifestyle markup language |
| N/A | 12/033,731 | US | Lifestyle interfaces |
| N/A | 12/033,728 | US | Lifestyles |
| N/A | 15/431,714 | US | Lifestyles |
| N/A | 11/930,405 | US | System for detecting, monitoring, and reporting human status parameters |
| N/A | 11/930,101 | US | Method and apparatus for accurately measuring physiological data |
| N/A | 11/930,100 | US | Method and apparatus for auto journaling of body states and providing derived physiological states utilizing physiological and/or contextual parameter |
| N/A | 11/930,048 | US | Method and apparatus for detecting and predicting the blood glucose level of an individual utilizing physiological and contextual parameters |
| N/A | 11/929,514 | US | Devices and systems for contextual and physiological-based reporting, entertainment, control of other devices, health assessment and therapy |
| N/A | 11/928,382 | US | Method and apparatus for measuring heart-related parameters and deriving |
| N/A | 11/928,347 | US | Method and apparatus for measuring heart-related parameters and deriving |
| N/A | 11/928,333 | US | Method and apparatus for measuring heart-related parameters and deriving |
| N/A | 11/928,320 | US | Method and apparatus for measuring heart-related parameters and deriving |
| N/A | 11/928,302 | US | Method and apparatus for measuring heart-related parameters and deriving |
| N/A | 11/928,059 | US | Systems, methods, and devices to determine and predict physiological states of individuals and to administer therapy, reports, notifications, and the like therefor |
| N/A | 11/928,051 | US | Systems, methods, and devices to determine and predict physiological states of individuals and to administer therapy, reports, notifications, and the like therefor |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|--------------------|--------------------|---------|---|
| N/A | 11/928,027 | US | Systems, methods, and devices to determine and predict physiological states of individuals and to administer therapy, reports, notifications, and the like therefor |
| N/A | 11/927,365 | US | Apparatus for detecting human physiological and contextual information |
| N/A | 11/927,276 | US | Apparatus for detecting human physiological and contextual information |
| N/A | 11/925,908 | US | Multi-sensor system, device, and method for deriving human status information |
| N/A | 11/925,903 | US | Multi-sensor system, device, and method for deriving human status information |
| N/A | 11/925,902 | US | Apparatus, system, and method for determining and reporting sleep of an individual |
| N/A | 14/630,618 | US | Apparatus for monitoring health, wellness and fitness |
| N/A | 11/322,010 | US | Apparatus for monitoring health, wellness and fitness |
| N/A | 11/239,748 | US | Apparatus for detecting human physiological and contextual information |
| N/A | 10/638,588 | US | System for monitoring health, wellness and fitness |
| 7,689,437 | 09/595,660 | US | System for monitoring health, wellness and fitness |
| N/A | 14/630,618 | US | Wireless communications device and personal monitor |
| N/A | 14/754,679 | US | Collaborative and interactive queuing and playback of content using electronic messaging |
| N/A | 62/019,327 | US | Collaborative and interactive queuing and playback of content using electronic messaging |
| N/A | 15/243,910 | US | Feedback for television content using sensor data |
| N/A | 14/214,086 | US | Integration of sensor data and television content |
| N/A | 14/214,065 | US | Physiological rate coaching by modifying media content based on sensor data |
| N/A | 14/214,254 | US | Sleep state management by selecting and presenting audio content |
| N/A | 14/187,317 | US | Wearable devices and interfaces for managing activities responsive to physiological effects of consumables |
| N/A | 14/749,622 | US | Nutrient density determinations to select health promoting consumables and to predict consumable recommendations |
| N/A | 62/016,551 | US | Nutrient density determinations to select health promoting consumables and to predict consumable recommendations |
| N/A | 14/183,472 | US | Control of adaptive optics |
| N/A | 14/578,297 | US | Compilation of encapsulated content from disparate sources of content |
| N/A | 61/918,655 | US | Compilation of encapsulated content from disparate sources of content |
| N/A | 14/144,519 | US | Dynamic calibration of relationships of motion units |
| N/A | 14/144,494 | US | Dynamic computation of distance estimates |
| N/A | 14/541,135 | US | Alignment of components coupled to a flexible substrate for wearable devices |
| N/A | 61/903,955 | US | Alignment of components coupled to a flexible substrate for wearable devices |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| N/A | 14/541,134 | US | Conductive structures for a flexible substrate in a wearable device |
| N/A | 61/903,954 | US | Conductive structures for a flexible substrate in a wearable device |
| N/A | 14/541,064 | US | Flexible substrates for wearable devices |
| N/A | 61/903,951 | US | Flexible substrates for wearable devices |
| N/A | 14/526,503 | US | Data-capable band management in an autonomous advisory application and network communication data environment |
| N/A | 61/896,133 | US | Media device, application, and content management using sensory input determined from a data-capable watch band |
| N/A | 14/073,696 | US | Platform framework for wireless media device sensor simulation and design |
| N/A | 15/164,860 | US | Communications management for periods of inconvenience on wearable devices |
| N/A | 15/142,902 | US | Configurable adaptive optical material and device |
| N/A | 14/313,901 | US | Configurable adaptive optical material and device |
| N/A | 14/183,463 | US | Adaptive optics |
| N/A | 14/144,512 | US | Communications using tactile stimuli on wearable devices |
| N/A | 14/144,516 | US | Stress-tolerant interconnections for connectivity in wearable electronic platforms |
| N/A | 14/145,856 | US | Wearable device to detect inflammation |
| N/A | 14/181,589 | US | Embedded cap device to provide wireless signals via audio plug |
| N/A | 15/159,792 | US | Protective covering for wearable devices |
| N/A | 14/073,550 | US | Protective covering for wearable devices |
| N/A | 14/029,300 | US | A system of wearable devices with sensors that allows synchronized body motions based on haptic prompts |
| N/A | 15/245,492 | US | Selectively available information storage system |
| N/A | 61/785,743 | US | Sensing physiological characteristics in association with ear-related devices or implements |
| N/A | 13/802,319 | US | Determining physiological characteristics from sensor signals including motion artifacts |
| N/A | 13/802,305 | US | Determining physiological characteristics from sensor signals including motion artifacts |
| N/A | 13/890,143 | US | System and method for monitoring the health of a user |
| N/A | 61/644,917 | US | System and method for monitoring the health of a user |
| N/A | 15/141,715 | US | Method of estimating body fat in a user |
| N/A | 13/886,173 | US | Method of estimating body fat in a user |
| N/A | 61/642,226 | US | Method of estimating body fat in a user |
| N/A | 13/967,317 | US | Real-time psychological characteristic detection based on reflected components of light |
| N/A | 61/682,854 | US | Estimating heart rate from video in real-time |
| N/A | 61/641,672 | US | Method for determining the heart rate of a subject |
| N/A | 61/531,858 | US | Method for improving personal wellness awareness of a user |
| N/A | 61/527,730 | US | Method for motivating a behavioral change in a user to improve the health of the user |
| N/A | 13/552,462 | US | Health meter |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| N/A | 61/509,075 | US | Health meter and method for providing health-related notification to a user |
| N/A | 13/830,927 | US | Sleep management implementing a wearable data-capable device for snoring-related conditions and other sleep disturbances |
| N/A | 15/018,815 | US | Methods, systems and apparatus to affect RF transmission from a non-linked wireless client |
| N/A | 13/672,398 | US | Piezoelectric-based skin-sensitive microphone(s) (SSMS) as heart rate sensor |
| N/A | 14/207,263 | US | Identification of motion characteristics to determine activity |
| N/A | 61/802,303 | US | Identification of motion characteristics to determine activity |
| N/A | 14/207,243 | US | Intermediate motion signal extraction to determine activity |
| N/A | 61/802,171 | US | Intermediate motion signal extraction to determine activity |
| N/A | 14/207,235 | US | Dynamic control of sampling rate of motion to modify power consumption |
| N/A | 61/802,130 | US | Dynamic control of sampling rate of motion to modify power consumption |
| N/A | 14/207,221 | US | Inline calibration of motion sensor |
| N/A | 61/801,848 | US | Inline calibration of motion sensor |
| N/A | 15/434,037 | US | Methods and architecture for determining activity and activity types from sensed motion signals |
| N/A | 14/207,203 | US | Methods and architecture for determining activity and activity types from sensed motion signals |
| N/A | 61/801,775 | US | Methods and architecture for determining activity and activity types from sensed motion signals |
| N/A | 61/780,892 | US | Social data-aware wearable display system |
| N/A | 61/724,199 | US | Wearable device structure with enhanced motion detection by motion sensor |
| N/A | 13/827,754 | US | Amplifying orientation changes for enhanced motion detection by a motion sensor |
| N/A | 61/724,197 | US | Amplifying orientation changes for enhanced motion detection by a motion sensor |
| N/A | 13/830,860 | US | Platform for providing wellness assessments and recommendations using sensor data |
| N/A | 61/712,645 | US | Platform for providing wellness assessments and recommendations using sensor data |
| N/A | 61/705,591 | US | Wearable device and method to generate biometric identifier for authentication via near-field communications |
| N/A | 13/802,283 | US | Validation of biometric identification used to authenticate identity of a user of wearable sensors |
| N/A | 61/705,600 | US | Validation of biometric identification used to authenticate identity of a user of wearable sensors |
| N/A | 13/831,139 | US | Biometric identification method and apparatus to authenticate identity of a user of a wearable device that includes sensors |
| N/A | 61/705,599 | US | Biometric identification method and apparatus to authenticate identity of a user of a wearable device that includes sensors |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|--|
| N/A | 14/260,218 | US | Arrayed electrodes in a wearable device for determining physiological characteristics |
| N/A | 13/528,830 | US | System-based motion detection |
| N/A | 61/499,476 | US | Motion detection in a moving system |
| N/A | 13/549,509 | US | Efficient control of power consumption in portable sensing devices |
| N/A | 61/508,319 | US | Efficient control of power consumption in portable sensing devices |
| 9,118,488 | 13/109,839 | US | System and method for controlling access to network services using biometric authentication |
| N/A | 61/355,958 | US | System and method for controlling access to network services using biometric authentication |
| N/A | 13/831,301 | US | Devices and methods to facilitate affective feedback using wearable computing devices |
| N/A | 61/705,598 | US | Devices and methods to facilitate affective feedback using wearable computing devices |
| N/A | 13/627,997 | US | Sedentary activity management method and apparatus using data from a data-capable band for managing health and wellness |
| N/A | 13/673,857 | US | Stride calibration for wearable devices using location information |
| N/A | 13/673,846 | US | Acoustic heart rate detection |
| N/A | 62/107,411 | US | Physiological characteristics determinator |
| N/A | 14/105,146 | US | Character data generation based on transformed imaged data to identify nutrition-related data or other types of data |
| N/A | 15/447,063 | US | Sensory user interface |
| N/A | 13/405,241 | US | Wearable device and platform for sensory input |
| N/A | 13/181,498 | US | Wearable device and platform for sensory input |
| N/A | 13/433,213 | US | Nutrition management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/433,208 | US | Sleep management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/672,451 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/672,435 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/672,268 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/672,392 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/672,416 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/671,522 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|--|
| N/A | 13/671,518 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/871,843 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/673,908 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/674,083 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/674,076 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/673,874 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,433 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,431 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,427 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,426 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,160 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,419 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,416 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/670,291 | US | General health and wellness management method and apparatus for a wellness application using data from a data-capable band |
| N/A | 13/181,495 | US | Wellness application for data-capable band |
| N/A | 13/492,776 | US | Spatial and temporal vector analysis in wearable devices using accelerometric data |
| N/A | 61/572,206 | US | Spatial and temporal vector analysis in wearable devices using accelerometric data |
| N/A | 61/572,204 | US | Determinative process for wearable devices |
| N/A | 14/244,759 | US | Motion profile templates and movement languages for wearable devices |
| N/A | 13/491,524 | US | Motion profile templates and movement languages for wearable devices |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|--|
| N/A | 61/507,091 | US | Motion profile templates and movement languages for wearable devices |
| N/A | 14/144,514 | US | Data-capable band for medical diagnosis, monitoring, and treatment |
| N/A | 13/180,000 | US | Data-capable band for medical diagnosis, monitoring, and treatment |
| N/A | 61/495,996 | US | Data-capable strapband |
| N/A | 61/495,997 | US | Data-capable strapband |
| N/A | 15/431,758 | US | Authentication for wearable devices |
| N/A | 14/070,437 | US | Data-capable band management in an integrated application and network communication data environment |
| N/A | 15/447,072 | US | Data-capable band management in an integrated application and network communication data environment |
| N/A | 14/071,531 | US | Data-capable band management in an integrated application and network communication data environment |
| N/A | 13/898,451 | US | Media device, application, and content management using sensory input determined by a data-capable watchband |
| N/A | 61/495,994 | US | Data-capable strapband |
| N/A | 14/445,051 | US | Power management in a data-capable strapband |
| N/A | 61/495,995 | US | Data-capable strapband |
| N/A | 15/143,055 | US | Component protective overmolding using protective external coatings |
| N/A | 15/143,031 | US | Component protective overmolding using protective external coatings |
| N/A | 14/421,815 | US | Component protective overmolding using protective external coatings |
| N/A | 15/164,882 | US | Component protective overmolding using protective external coatings |
| N/A | 15/164,880 | US | Component protective overmolding using protective external coatings |
| N/A | 15/164,877 | US | Component protective overmolding using protective external coatings |
| N/A | 14/389,766 | US | Component protective overmolding using protective external coatings |
| N/A | 15/142,854 | US | Component protective overmolding using protective external coatings |
| N/A | 14/145,894 | US | Component protective overmolding using protective external coatings |
| N/A | 13/942,503 | US | Component protective overmolding using protective external coatings |
| N/A | 13/135,728 | US | Component protective overmolding using protective external coatings |
| N/A | 13/158416 | US | Component protective overmolding |
| N/A | 14/207,183 | US | Sensing physiological characteristics in association with ear-related devices or |
| N/A | 14/065,393 | US | Platform framework for wireless media device simulation design |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| N/A | 14/067,444 | US | Platform framework for wireless media device simulation design |
| N/A | 14/068,551 | US | Platform framework for wireless media device simulation design |
| N/A | 14/144,521 | US | Mobile device speaker control |
| N/A | 13/894,850 | US | Media device-based ecosystem and interactions with local and remote data sources |
| N/A | 13/898,474 | US | Sensor-enabled media device |
| N/A | 14/105,127 | US | Proximity-based and acoustic control of media devices for media presentations |
| N/A | 14/144,524 | US | Transformation of multiple sound field to generate a transformed reproduced sound field including modified reproductions of the multiple sound fields |
| N/A | 15/245,171 | US | Intelligent device connection for wireless media in an ad hoc acoustic network |
| N/A | 14/301,220 | US | Intelligent device connection for wireless media in an ad hoc acoustic network |
| N/A | 61/802,344 | US | Proximity sensing device control architecture and data communication protocol |
| N/A | 14/205,215 | US | Proximity sensing device control architecture and data communication protocol |
| N/A | 14/219,648 | US | Proximity sensing device control architecture and data communication protocol |
| N/A | 14/144,499 | US | Mobile device speaker control |
| N/A | 14/144,513 | US | Mobile device speaker control |
| N/A | 14/207,420 | US | Combination speaker and light source responsive to state(s) of an organism based on sensor data |
| N/A | 14/207,429 | US | Combination speaker and light source responsive to state(s) of an organism based on sensor data |
| N/A | 14/144,518 | US | Interactive positioning of perceived audio sources in a transformed reproduced sound field including modified reproductions of multiple sound fields |
| N/A | 14/212,832 | US | Combination speaker and light source responsive to state(s) of an organism based on sensor data |
| N/A | 14/209,329 | US | Network of speaker lights and wearable devices |
| N/A | 14/183,490 | US | Interacting with connectors of end devices using path selectors |
| N/A | 14/183,491 | US | Accessibility and testing for hardware interfaces of end devices using path selectors |
| N/A | 14/183,493 | US | Interacting with hardware interfaces of end devices using path selectors |
| N/A | 14/266,697 | US | Pairing devices using acoustic signals |
| N/A | 14/480,427 | US | Metalized interfaces for wearable devices |
| N/A | 14/480,070 | US | Strap band including electrodes for wearable devices and formation thereof |
| N/A | 15/164,854 | US | Strap band including electrodes for wearable devices and formation thereof |
| N/A | 15/164,857 | US | Strap band including electrodes for wearable devices and formation thereof |
| N/A | 14/480,628 | US | Wearable devices including metalized interfaces and strap-integrated sensor electrodes |

| PUBLICATION NUMBER | APPLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|--|
| N/A | 15/143,101 | US | Device-based activity classification using predictive feature analysis |
| N/A | 14/121,463 | US | Forming wearable devices that include metalized interfaces and strap-integrated sensor electrodes |
| N/A | 14/480,462 | US | Near-field antennas and methods of implementing the same for wearable pods and devices that include metalized interfaces |
| N/A | 15/079,038 | US | Near-field antennas and methods of implementing the same for wearable pods and devices that include metalized interfaces |
| 9,294,869 | 14/144,517 | US | Methods, systems and apparatus to affect RF transmission from a non-linked wireless client |
| N/A | 61/786,179 | US | Combination speaker and light source powered using light socket |
| N/A | 14/205,263 | US | Combination speaker and light source powered using light socket |
| N/A | 14/069,008 | US | Wearable charging device controller and methods |
| N/A | 15/241,059 | US | Wearable charging device controller and methods |
| N/A | 15/005,598 | US | Speaker with multiple independent audio streams |

B. Design Patents

| APPLICATION NUMBER | PUBLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| 29/393,916 | D653,149 | US | WEARABLE DEVICE |
| 29/405,625 | D695,759 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,626 | D695,760 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,627 | D695,761 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,628 | D696,273 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,630 | D696,274 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,631 | D695,762 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,633 | D699,252 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,634 | D695,763 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,623 | D696,272 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,635 | D696,275 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,636 | D695,764 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,637 | D695,765 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,638 | D695,766 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |

| APPLICATION NUMBER | PUBLICATION NUMBER | COUNTRY | TITLE |
|--------------------|--------------------|---------|--|
| 29/405,639 | D695,767 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,640 | D695,768 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,641 | D695,769 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,642 | D695,770 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,643 | D695,771 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,644 | D695,772 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,645 | D695,773 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,646 | D696,276 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/482,849 | D756,373 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/482,850 | D757,092 | US | DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE |
| 29/482,852 | D760,240 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/482,854 | D757,034 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/482,855 | D757,035 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/482,856 | D757,036 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,674 | D756,401 | US | DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE |
| 29/495,373 | D753,169 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,380 | D757,073 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,389 | D754,175 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,404 | D754,177 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,368 | D753,694 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,400 | D754,726 | US | DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE |
| 29/495,395 | D754,176 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,384 | D754,174 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,390 | D753,170 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,406 | D753,172 | US | DISPLAY SCREEN OR PORTION THEREOF |

| APPLICATION NUMBER | PUBLICATION NUMBER | COUNTRY | TITLE |
|--------------------|--------------------|---------|--|
| | | | WITH GRAPHICAL USER INTERFACE |
| 29/495,387 | D755,219 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,394 | D753,171 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,399 | D756,400 | US | DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE |
| 29/495,397 | D755,225 | US | DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE |
| 29/495,376 | D754,173 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/508,180 | D729,657 | US | ACTIVITY TRACKING BAND |
| 29/508,184 | D730,211 | US | ACTIVITY TRACKING BAND |
| 29/508,185 | D729,658 | US | ACTIVITY TRACKING BAND |
| 29/508,193 | D730,224 | US | ACTIVITY TRACKING POD |
| 29/508,187 | D730,223 | US | ACTIVITY TRACKING POD |
| 29/508,196 | D730,225 | US | ACTIVITY TRACKER CARRIER |
| 29/508,205 | D729,675 | US | ACTIVITY TRACKER CARRIER |
| 29/508,200 | D729,674 | US | ACTIVITY TRACKER CARRIER |
| 29/516,012 | D738,759 | US | ACTIVITY TRACKING BAND |
| 29/516,014 | D740,702 | US | ACTIVITY TRACKING BAND |
| 29/516,015 | D740,703 | US | ACTIVITY TRACKING BAND |
| 29/517,054 | D744,357 | US | ACTIVITY TRACKING BAND |
| 29/517,056 | D744,358 | US | ACTIVITY TRACKING BAND |
| 29/516,016 | D740,140 | US | ACTIVITY TRACKING BAND |
| 29/516,017 | D739,273 | US | ACTIVITY TRACKING BAND |
| 29/256,362 | D632,396 | US | DISPLAY DEVICE WITH ALTERNATE ATTACHMENT MEANS ASSEMBLY |
| 29/434,003 | D698,028 | US | DISPLAY DEVICE SET WITH ALTERNATE ATTACHMENT MEANS |
| 29/256,753 | D631,552 | US | WEARABLE DEVICE TO MONITOR HUMAN STATUS PARAMETERS |
| 29/383,860 | D645,968 | US | WEARABLE DEVICE TO MONITOR HUMAN STATUS PARAMETERS WITH WING-TYPE ATTACHMENT MEANS |
| 29/478,533 | D753,314 | US | WEARABLE MONITORING DEVICE |
| 29/479,078 | | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/470,966 | | US | WEARABLE DEVICE |
| 29/485,103 | | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/485,118 | | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,670 | | US | DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE |
| 29/495,405 | | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/508,207 | | US | CHARGING CABLE |

| APPLICATION NUMBER | PUBLICATION NUMBER | COUNTRY | TITLE |
|---------------------------|---------------------------|----------------|---|
| 29/495,369 | D773,503 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/495,407 | D781,319 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/405,617 | D695,758 | US | DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE |
| 29/143,975 | D460,971 | US | DOCKING CRADLE FOR AN ELECTRONIC DEVICE |
| 29/129,931 | D451,604 | US | VEST HAVING PHYSIOLOGICAL MONITORING SYSTEM |
| 29/127,587 | D439,981 | US | ARMBAND HAVING PHYSIOLOGICAL MONITORING SYSTEM |
| 29/333,427 | D609,901 | US | FABRIC CASE CARRY ACCESSORY FOR A MOBILE PHONE DEVICE |
| 29/333,428 | D610,579 | US | FABRIC POUCH CARRY ACCESSORY FOR A MOBILE PHONE DEVICE |
| 29/333,430 | D614,179 | US | BACK PLATE WITH FABRIC POUCH FOR A MOBILE PHONE DEVICE |
| 29/333,431 | D609,900 | US | HARD CASE CARRY ACCESSORY FOR A MOBILE PHONE DEVICE |
| 29/333,432 | D620,247 | US | COMPACT HARD CASE CARRY ACCESSORY FOR A MOBILE PHONE DEVICE |