

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8013375

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TUOMAS HAPOLA	06/20/2019
HEIKKI NIEMINEN	08/15/2019
MIKKO MARTIKKA	06/24/2019
ERIK LINDMAN	06/20/2019
TIMO ERIKSSON	06/26/2019
RECEIVING PARTY DATA	
Name:	SUUNTO OY
Street Address:	TAMMISTON KAUPPATIE 7A
City:	VANTAA
State/Country:	FINLAND
Postal Code:	01510
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18072734
CORRESPONDENCE DATA	
Fax Number:	(646)666-4316
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	5712814850
Email:	posti@laineip.fi
Correspondent Name:	LAIN E IP OY
Address Line 1:	PO BOX 339
Address Line 4:	HELSINKI, FINLAND 00181
ATTORNEY DOCKET NUMBER:	SUUN 89 US CIP CON 1
NAME OF SUBMITTER:	MARK W. SCOTT
SIGNATURE:	/Mark W. Scott Reg. No. 52,202/
DATE SIGNED:	06/19/2023
Total Attachments: 20	
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
United States of America

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	18/072,734
Confirmation No.	:	5479
Applicant	:	Suunto Oy
Filed	:	December 1, 2022
TC/AU	:	Not Yet Assigned
Examiner	:	Not Yet Assigned
Attorney Docket No.	:	SUUN 89 US CIP CON I

REQUEST FOR RECORDATION IN COMPLIANCE WITH 37 CFR 3.28

Sir:

This is a request for recordation of an assignment in the above-mentioned continuation application in compliance with 37 CFR 3.28.

The assignment from inventors Tuomas Hapola, Heikki Nieminen, Mikko Martikka, Erik Lindman and Timo Eriksson to Amer Sports Digital Services Oy was recorded in the parent application 16/427,394 on August 30, 2019 (Reel/Frame 050218/0875). The parent application was then assigned from Amer Sports Digital Services Oy to Suunto Oy on May 3, 2022 (Reel/Frame 059847/0281).

Please record the same assignments in the current continuation application. Should any issues arise, the Office is kindly invited to telephone the undersigned at 571-335-7960.

Laine IP Oy

TT / rw

Respectfully submitted,

/Toimi Teelahti Reg. No. 76127/

Toimi Teelahti
Reg. No. 76127
Laine IP Oy
Porkkalankatu 24
FIN-00181 Helsinki, Finland
Tel. (US) +1 571-335-7960
Tel. +358 9 6859 560
Fax +358 9 6859 5610
e-mail: toimi.teelahti@laineip.fi

June 19, 2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5695127

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TUOMAS HAPOLA	06/20/2019
HEIKKI NIEMINEN	08/15/2019
MIKKO MARTIKKA	06/24/2019
ERIK LINDMAN	06/20/2019
TIMO ERIKSSON	06/26/2019
RECEIVING PARTY DATA	
Name:	AMER SPORTS DIGITAL SERVICES OY
Street Address:	TAMMISTON KAUPPATIE 7 B
City:	VANTAA
State/Country:	FINLAND
Postal Code:	01510
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16427394
CORRESPONDENCE DATA	
Fax Number:	(646)666-4316
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	571-281-4850
Email:	posti@seppolaine.fi
Correspondent Name:	SEPPO LAINE OY
Address Line 1:	PO BOX 339
Address Line 4:	HELSINKI, FINLAND 00181
ATTORNEY DOCKET NUMBER:	SUUN 89 US CIP
NAME OF SUBMITTER:	MATTHEW A. SWANSON
SIGNATURE:	/Matthew A. Swanson Reg. No. 73276/
DATE SIGNED:	08/30/2019
Total Attachments: 4	
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PATENT
REEL: 050218 FRAME: 0876

PATENT
REEL: 063982 FRAME: 0687

SEPP0 LAINE OY
UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 16/427,394

Filed: May 31, 2019

Insert Name(s)
of Inventor(s)

*****(Given Name FAMILY NAME (ALL CAPS))*****

WHEREAS, HAPOLA, Tuomas
NIEMINEN, Heikki
MARTIKKA, Mikko
LINDMAN, Erik
ERIKSSON, Timo

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title
of Invention

Apparatus and exercising device

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application

on 2019-08-15 : and

Insert Name
of Assignee

WHEREAS, Amer Sports Digital Services Oy

Insert Address
of Assignee

of Tammiston Kauppatie 7 B, 01510 Vantaa, Finland

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America and

CHECK BOX
IF APPROPRIATE

in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid or other previous agreed upon amount, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

Seppo Laine Oy

MS/ rw

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Seppo Laine Oy the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 20/06/2011 Name of Inventor [Signature]
(signature) HAPOLA, Tuomas

Date 15.8.2017 Name of Inventor [Signature]
(signature) NIEMINEN, Heikki

Date _____ Name of Inventor _____
(signature) MARTIKKA, Mikko

Date 20.6.2019 Name of Inventor [Signature]
(signature) LINDMAN, Erik

Date 26.6.2019 Name of Inventor [Signature]
(signature) ERIKSSON, Timo

Date _____ Name of Inventor _____
(signature)

Date _____ Name of Inventor _____
(signature)

Seppo Laine Oy

SEPP0 LAINE OY
UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 16/427,394

Filed: May 31, 2019

Insert Name(s)
of Inventor(s)

*****(Given Name FAMILY NAME (ALL CAPS))*****

WHEREAS, HAPOLA, Tuomas
NIEMINEN, Heikki
MARTIKKA, Mikko
LINDMAN, Erik
ERIKSSON, Timo

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title
of Invention

Apparatus and exercising device

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application

on 2019-08-15 : and

Insert Name
of Assignee

WHEREAS, Amer Sports Digital Services Oy

Insert Address
of Assignee

of Tammiston Kauppatie 7 B, 01510 Vantaa, Finland

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America and

CHECK BOX
IF APPROPRIATE

in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid or other previous agreed upon amount, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

Seppo Laine Oy

MS/ rw

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Seppo Laine Oy the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____ Name of Inventor _____
(signature) HAPOLA, Tuomas

Date _____ Name of Inventor _____
(signature) NIEMINEN, Heikki

Date 2019-06-24 Name of Inventor _____
(signature) MARTIKKA, Mikko

Date _____ Name of Inventor _____
(signature) LINDMAN, Erik

Date _____ Name of Inventor _____
(signature) ERIKSSON, Timo

Date _____ Name of Inventor _____
(signature)

Date _____ Name of Inventor _____
(signature)

Seppo Laine Oy

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7309989

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMER SPORTS DIGITAL SERVICES OY	04/28/2022
RECEIVING PARTY DATA	
Name:	SUUNTO OY
Street Address:	TAMMISTON KAUPPATIE 7 B
City:	VANTAA
State/Country:	FINLAND
Postal Code:	01510
PROPERTY NUMBERS Total: 63	
Property Type	Number
Patent Number:	10095265
Patent Number:	7489241
Patent Number:	9883134
Patent Number:	10451437
Patent Number:	7515938
Patent Number:	10486049
Patent Number:	10856776
Patent Number:	11144107
Patent Number:	7324002
Patent Number:	10722750
Patent Number:	10362263
Patent Number:	9900842
Patent Number:	10417045
Patent Number:	10708723
Patent Number:	10999709
Patent Number:	8292820
Patent Number:	10248389
Patent Number:	11215457
Patent Number:	10555127
Patent Number:	7803117

Property Type	Number
Patent Number:	7600426
Patent Number:	7905026
Patent Number:	9993162
Patent Number:	10168669
Patent Number:	11210299
Patent Number:	11137820
Patent Number:	7383081
Patent Number:	8021306
Patent Number:	7349805
Patent Number:	8986129
Patent Number:	9297650
Patent Number:	10568549
Patent Number:	10373059
Patent Number:	10327673
Patent Number:	8226494
Patent Number:	9068832
Patent Number:	9616291
Patent Number:	9622182
Patent Number:	11109804
Patent Number:	10288443
Patent Number:	10697776
Patent Number:	10433768
Patent Number:	11145272
Application Number:	16956856
Application Number:	17343913
Application Number:	16427394
Application Number:	16228887
Application Number:	61747390
Application Number:	14943049
Application Number:	16571655
Application Number:	17670548
Application Number:	16228981
Application Number:	16427401
Application Number:	17216703
Application Number:	61443731
Application Number:	14941736
Application Number:	16223143
Application Number:	13397872

PATENT
REEL: 059847 FRAME: 0282

PATENT
REEL: 063982 FRAME: 0693

Property Type	Number
Application Number:	17224246
Application Number:	16791104
Application Number:	14331268
Application Number:	15382763
Application Number:	16722038

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7737146498

Email: terence.obrien@amersports.com

Correspondent Name: TERENCE P. O'BRIEN

Address Line 1: 130 EAST RANDOLPH STREET, SUITE 600

Address Line 2: AMER SPORTS AMERICAS

Address Line 4: CHICAGO, ILLINOIS 60601

NAME OF SUBMITTER: TERENCE P. O'BRIEN

SIGNATURE: /Terence P. O'Brien/

DATE SIGNED: 05/09/2022

Total Attachments: 9

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PATENT
REEL: 059847 FRAME: 0283

PATENT
REEL: 063982 FRAME: 0694

PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement (this "Patent Assignment"), is made by and between Amer Sports Digital Services Oy, business ID 2703839-1, a company formed under the laws of Finland and having its registered office in Tammiston Kauppatie 7 B 01510 Vantaa, Finland ("Assignor"), and Suunto Oy, business ID 0101084-1, a company formed under the laws of Finland and having its registered office in Tammiston Kauppatie 7 B 01510 Vantaa, Finland, ("Assignee").

WHEREAS, Assignor and Assignee are parties to an Asset Purchase Agreement entered into on March 1, 2022, pursuant to which Assignor agreed to transfer to Assignee all right, title, and interest in and to the patents and patent applications identified on Exhibit A-PAT (attached); and

WHEREAS, Assignee is desirous of acquiring all of Assignor's rights in the Patents, including the applications and patents identified on Exhibit A-PAT.

NOW THEREFORE, for good and valuable consideration received by Assignor from Assignee, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:


1. Assignment of Patents. Assignor hereby sells, assigns, transfers, and conveys to Assignee all rights, title, and interest in and to the Patents and Patent Applications identified on the attached Exhibit A-PAT, together with all related inventions, processes, methods, machines, devices, systems, manufactures, and/or compositions of matter, or new and useful improvements thereof; all applications to which the Patents claim priority, and divisional, continuation, continuation-in-part, and continuing prosecution applications that claim priority there thereto; and any reexamination and reissue applications thereof; and the right to claim priority to the filing date of applications for the Patents. Assignor hereby authorizes the appropriate empowered officials at the the Patent and Trademark offices in Canada and the United States to transfer the Patents to Assignee as assignee of the entire right, title and interest therein or otherwise as Assignee may direct, in accordance with this instrument of assignment.

2. Counterparts. This Patent Assignment may be signed in counterparts, which together shall constitute one agreement. If this Patent Assignment is signed in counterparts, no party shall be bound until both parties have duly executed, or caused to be duly executed, a counterpart of this Patent Assignment.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed and such Patent Assignment is effective as of the date indicated below.

AMER SPORTS DIGITAL SERVICES OY
(Assignor)

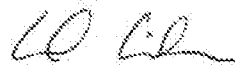
By: 

Name: Erik Lindman

Title: IP & Research Manager

Date: 28.4.2022

SUUNTO OY
(Assignee)

By: 

Name: Erik Lindman

Title: IP & Research Manager

Date: 28.4.2022

EXHIBIT A-PAT

Ref. No.	Country	Title	Application Date	Application No.	Patent Number	Issue Date
0000934- CA-NP[1]	Canada	ADAPTABLE MICROCONTROLLER - OPERATED DEVICE AND RELATED SYSTEM AND SOFTWARE PRODUCTS	04 Dec 2012	2 798 026	30 Jul 2019	2 798 026
0000934-US- NP	U.S.	ADAPTABLE MICROCONTROLLER - OPERATED DEVICE AND RELATED SYSTEM AND SOFTWARE PRODUCTS	03 Dec 2012	13/691,876	09 Oct 2018	10,095,265
000904-US- NP	U.S.	METHOD IN CONNECTION WITH A WRISTOP COMPUTER AND A WRISTOP-COMPUTER SYSTEM	15 Jun 2005	11/152,055	10 Feb 2009	7,489,241
SUUN57- US-NP	U.S.	A SYSTEM, A METHOD, A WEARABLE DIGITAL DEVICE AN A RECORDING DEVICE FOR REMOTE ACTIVATION OF A STORAGE OPERATION OF PICTORIAL INFORMATION	11 Jul 2014	14/528,763	30 Jan 2018	9,883,134
SUUN57A- US-PCT	U.S.	A SYSTEM, A METHOD, A WEARABLE DIGITAL DEVICE AN A RECORDING DEVICE FOR REMOTE ACTIVATION OF A STORAGE OPERATION OF PICTORIAL INFORMATION	22 Jun 2020	16/956,856		
SUUN84- US-CIP[3]	U.S.	METHOD AND SYSTEM FOR DETERMINING A DIRECTION OF MOVEMENT OF AN OBJECT	10 Jun 2021	17/343,913		

SUN89- US-CIP	U.S.	APPARATUS AND EXERCISING DEVICE	31 May 2019	16/427,394		
SUN90- US-CIP	U.S.	COMMUNICATING SENSOR DATA IN WIRELESS COMMUNICATION SYSTEMS	21 Dec 2018	16/228,887		
000933-US- NP	U.S.	METHOD FOR DETERMINING A MEASURABLE TARGET VARIABLE AND CORRESPONDING SYSTEM	14 Mar 2013	13/827,418	22 Oct 2019	10,451,437
000907/US	U.S.	RECEIVER AND DATA TRANSFER METHOD	08 Jun 2005	11/147,427	07 Apr 2009	7,515,938
SUN42- US-PSP	U.S.	METHOD AND A DEVICE FOR DETERMINING A DIRECTION IN A MAGNETIC FIELD	31 Dec 2012	61/747,390		
SUN47- US-NP	U.S.	DEVICE AND METHOD FOR MONITORING SWIMMING PERFORMANCE	15 Mar 2013	13/833,755	26 Nov 2019	10,486,049
SUN62- US-NP	U.S.	WEARABLE SPORTS MONITORING EQUIPMENT FOR MEASURING HEART RATE OR MUSCULAR ACTIVITY AND RELATING METHOD	17 Nov 2015	14/943,049		
SUN76A- US-NP	U.S.	ACTIVITY INTENSITY LEVEL DETERMINATION	21 Dec 2016	15/386,050	08 Dec 2020	10,856,776
SUN94- US-CIP	U.S.	APPARATUS AND METHOD FOR PRESENTING THEMATIC MAPS	31 Dec 2019	16/731,128	12 Oct 2221	11,144,107
000929-US- CNT	U.S.	METHOD AND APPARATUS FOR ESTIMATING ENERGY CONSUMPTION	16 Sep 2019	16/571,655		
000901/US	U.S.	OUTDOOR COMPUTER	16 Dec 2004	11/012,219	29 Jan 2008	7,324,002

SUUN105- US-NP	U.S.	PROVISION OF CONTENT AND/OR FUNCTIONAL FEATURES TO WEARABLE DEVICES	14 Feb 2022	17/670,548		
SUUN38- US-NP	U.S.	METHOD AND APPARATUS FOR DETERMINING EFFECT OF TRAINING ON IMPROVING FITNESS SYSTEM AND METHOD FOR REMOTE ACTIVATION OF A STORAGE OPERATION OF PICTORIAL INFORMATION	15 Mar 2013	13/832,001	28 Jul 2020	10,722,750
SUUN57- US-CIP	U.S.	EMBEDDED COMPUTING DEVICE	22 Dec 2017	15/851,778	23 Jul 2019	10,362,263
SUUN60D1- US-DIV	U.S.	EMBEDDED COMPUTING DEVICE	01 Nov 2016	15/340,016	20 Feb 2018	9,900,842
SUUN67- US-NP	U.S.	EMBEDDED COMPUTING DEVICE	18 Apr 2016	15/131,038	17 Sep 2019	10,417,045
SUUN84- US-CNT	U.S.	METHOD AND SYSTEM FOR DETERMINING A DIRECTION OF MOVEMENT OF AN OBJECT	25 Nov 2019	16/693,416	07 Jul 2020	10,708,723
SUUN84- US-CNT[2]	U.S.	METHOD AND SYSTEM FOR DETERMINING A DIRECTION OF MOVEMENT OF AN OBJECT	27 May 2020	16/884,118	04 May 2021	10,999,709
SUUN92- US-CIP	U.S.	SENSOR DATA MANAGEMENT	21 Dec 2018	16/228,981		
0000915-US- NP	U.S.	APPARATUS AND DEVICE FOR PERFORMANCE MONITORING	17 Nov 2006	11/600,742	23 Oct 2012	8,292,820
SUUN46- US-NP	U.S.	GRAPHICAL USER INTERFACE EDITOR SYSTEM AND METHOD FOR PERSONAL DEVICES	15 Mar 2013	13/833,054	02 Apr 2019	10,248,389
SUUN71- US-CIP	U.S.	THEMATIC MAP BASED ROUTE OPTIMIZATION	08 Apr 2019	16/377,267	04 Jan 2022	11,215,457

SUUN84- US-NP	U.S.	METHOD AND SYSTEM FOR DETERMINING A DIRECTION OF MOVEMENT OF AN OBJECT	24 Oct 2018	16/168,953	04 Feb 2020	10,555,127
SUUN91- US-CIP	U.S.	APPARATUS, USE OF THE APPARATUS AND ARRANGEMENT	31 May 2019	16/427,401		
SUUN98- US-NP	U.S.	DIVE INFORMATION MANAGEMENT	30 Mar 2021	17/216,703		
0000914-US- NP	U.S.	DETERMINING ENERGY CONSUMPTION DURING EXERCISE FROM RESPIRATORY FREQUENCY DERIVED FROM HEAR RATE MEASUREMENTS	12 May 2006	11/432,380	28 Sep 2010	7,803,117
0000917-US- NP	U.S.	CALIBRATION METHOD AND APPARATUS FOR A MOBILE DEVICE	20 May 2008	12/153,506	13 Oct 2009	7,600,426
0000918-US- NP	U.S.	COMPASS DEVICE AND METHOD FOR A COMPASS DEVICE	20 May 2008	12/153,505	15 Mar 2011	7,905,026
0000925-US- NP	U.S.	METHOD AND APPARATUS FOR CALCULATING	25 Mar 2011	13/071,624	12 Jun 2018	9,993,162
0000929-US- PSP	U.S.	METHOD AND DEVICE FOR ESTIMATING ENERGY CONSUMPTION	17 Feb 2011	61/443,731		
SUUN61- US-NP	U.S.	WEARABLE SPORTS MONITORING EQUIPMENT AND METHOD FOR CHARACTERIZING SPORTS PERFORMANCES OR SPORTSPERSONS	16 Nov 2015	14/941,736		
SUUN68- US-CIP	U.S.	EMBEDDED COMPETING DEVICE MANAGEMENT	18 Dec 2018	16/223,143		

SUN68- US-NP	U.S.	TIMELINE USER INTERFACE	05 Aug 2016	15/229,146	01 Jan 2019	10,168,669
SUN71- US-CIP[2]	U.S.	THEMATIC MAP BASED ROUTE OPTIMIZATION	31 Dec 2019	16/731,120	28 Dec 2021	11,219,299
SUN95- US-CIP	U.S.	APPARATUS AND METHOD FOR PRESENTING THEMATIC MAPS	31 Dec 2019	16/731,134	05 Oct 2021	11,137,820
0000912-US- NP	U.S.	TRAINING DEVICE AND METHOD	15 Jul 2005	11/181,836	03 Jun 2008	7,383,081
0000914-US- CNT	U.S.	DETERMINING ENERGY CONSUMPTION DURING EXERCISE FROM RESPIRATORY FREQUENCY DERIVED FROM HEAR RATE MEASUREMENTS	03 May 2010	12/772,839	20 Sep 2011	8,021,306
0000929-US- NP	U.S.	METHOD AND DEVICE FOR ESTIMATING ENERGY CONSUMPTION	16 Feb 2012	13/397,872		
000903-US- NP	U.S.	WRISTOP COMPUTER AND A METHOD IN CONNECTION WITH IT	15 Jun 2005	11/152,076	25 Mar 2008	7,349,805
000906-US- CNT	U.S.	GOLF DEVICE AND METHOD	25 Jun 2012	13/532,476	24 Mar 2015	8,986,129
SUN35- US-NP	U.S.	METHOD AND ARRANGEMENT FOR DETERMINING ALTITUDE	18 Jan 2013	13/744,493	29 Mar 2016	9,297,650
SUN64- US-CIP	U.S.	WEARABLE ACTIVITY MONITORING DEVICE AND RELATED METHOD	30 Mar 2017	15/473,667	25 Feb 2020	10,568,549

SUUN70- US-NP	U.S.	THEMATIC MAP BASED ACTIVITY TYPE PREDICTION	01 Dec 2016	15/365,970	06 Aug 2019	10,373,059
SUUN76C- US-NP	U.S.	ACTIVITY INTENSITY LEVEL DETERMINATION	21 Dec 2016	15/386,074	25 Jun 2019	10,327,673
SUUN84- US-CNT131	U.S.	METHOD AND SYSTEM FOR DETERMINING A DIRECTION OF MOVEMENT OF AN OBJECT	07 Apr 2021	17/224,246		
SUUN96- US-CIP	U.S.	METHOD FOR CONTROLLING A DISPLAY	31 Dec 2019	16/731,104		
000906-US- NP	U.S.	GOLF DEVICE AND METHOD	08 Jul 2005	11/176,359	24 Jul 2012	8,226,494
SUUN42- US-NP	U.S.	METHOD AND A DEVICE FOR DETERMINING A DIRECTION IN A MAGNETIC FIELD	15 Mar 2013	13/832,081	30 Jun 2015	9,068,832
SUUN58- US-NP	U.S.	WEARABLE SPORTS MONITORING EQUIPMENT WITH CONTEXT DETERMINATION CAPABILITIES AND RELATING METHOD	13 Nov 2015	14/940,183	11 Apr 2017	9,616,291
SUUN60- US-NP	U.S.	EMBEDDED COMPUTING DEVICE	11 Apr 2016	15/095,178	11 Apr 2017	9,622,182
SUUN61- US-DIV	U.S.	WEARABLE SPORTS MONITORING EQUIPMENT AND METHOD FOR CHARACTERIZING SPORTS PERFORMANCES OR SPORTSPERSONS	24 Aug 2018	16/111,270	07 Sep 2021	11,109,804
SUUN64- US-NP	U.S.	WEARABLE ACTIVITY MONITORING DEVICE AND RELATED METHOD	15 Jul 2014	14/331,268		

SUUN71- US-NP	U.S.	THEMATIC MAP BASED ROUTE OPTIMIZATION	01 Dec 2016	15/365,972	14 May 2019	10,288,443
SUUN72- US-NP	U.S.	SENSOR BASED CONTEXT MANAGEMENT	19 Dec 2016	15/382,763		
SUUN75- US-NP	U.S.	METHOD AND SYSTEM FOR TRACKING AND DETERMINING A POSITION OF AN OBJECT	24 Oct 2018	16/168,923	30 Jun 2020	10,697,776
SUUN76B- US-NP	U.S.	ACTIVITY INTENSITY LEVEL DETERMINATION	21 Dec 2016	15/386,062	08 Oct 2019	10,433,768
SUUN77- US-NP	U.S.	EMBEDDED COMPUTING DEVICE	16 Oct 2017	15/784,234	12 Oct 2021	11,145,272
SUUN77- US-NP(2)	U.S.	EMBEDDED COMPUTING DEVICE	20 Dec 2019	16/722,038		