

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT8046582

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
TWIN MERGER SUB II, LLC		07/06/2023
RECEIVING PARTY DATA		
Name:	CRG SERVICING LLC, AS ADMINISTRATIVE AGENT	
Street Address:	1000 MAIN STREET, SUITE 2500	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77002	
PROPERTY NUMBERS Total: 95		
Property Type	Number	
Patent Number:	9582034	
Patent Number:	9958904	
Patent Number:	10139859	
Patent Number:	10156867	
Patent Number:	10126779	
Patent Number:	10331168	
Patent Number:	10721625	
Patent Number:	10281953	
Patent Number:	10496131	
Application Number:	16164822	
Application Number:	16189038	
Patent Number:	10901460	
Patent Number:	10768666	
Patent Number:	11509475	
Application Number:	16573830	
Application Number:	16591327	
Application Number:	16591362	
Patent Number:	10826699	
Patent Number:	11539522	
Application Number:	16717973	

Property Type	Number
Patent Number:	11109234
Patent Number:	11438767
Patent Number:	10884455
Application Number:	16736665
Patent Number:	11201740
Patent Number:	11562054
Patent Number:	11238683
Patent Number:	11240668
Patent Number:	11188124
Patent Number:	11398123
Patent Number:	11462095
Patent Number:	11546728
Application Number:	17174913
Patent Number:	11411735
Patent Number:	11539706
Application Number:	17229762
Patent Number:	11622257
Application Number:	17385705
Patent Number:	11599147
Patent Number:	D756999
Patent Number:	D791764
Patent Number:	D791765
Patent Number:	D804471
Patent Number:	D817496
Patent Number:	D828767
Patent Number:	D810016
Patent Number:	D809782
Patent Number:	D885333
Patent Number:	D960755
Patent Number:	D937894
Patent Number:	D937895
Patent Number:	D939573
Patent Number:	D939574
Application Number:	16129859
Application Number:	16164831
Application Number:	16164841
Application Number:	16166076
Application Number:	16204345

Property Type	Number
Application Number:	16204416
Application Number:	16204453
Application Number:	16204492
Application Number:	17088414
Application Number:	17326101
Application Number:	17326122
Application Number:	17352923
Application Number:	17454000
Application Number:	17465726
Application Number:	17465747
Application Number:	17547174
Application Number:	17573168
Application Number:	17704925
Application Number:	17734967
Application Number:	17740222
Application Number:	17878785
Application Number:	18179272
Application Number:	29744892
Application Number:	29746089
Application Number:	29759201
Application Number:	29770248
Application Number:	29771355
Application Number:	29811359
Application Number:	29811361
Application Number:	63041012
Application Number:	63073578
Application Number:	63073585
Application Number:	63110695
Application Number:	63123252
Application Number:	63167497
Application Number:	63167502
Application Number:	63183372
Application Number:	63185827
Application Number:	63227950
Application Number:	63227965
Application Number:	63245079
Application Number:	63282009

CORRESPONDENCE DATA**Fax Number:** (415)693-2222

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: 4156932000**Email:** crhem@cooley.com**Correspondent Name:** COOLEY LLP**Address Line 1:** 3 EMBARCADERO CENTER, 20TH FLOOR**Address Line 4:** SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	321831-160
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NAME OF SUBMITTER:	C. RHEM
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SIGNATURE:	/CR/
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DATE SIGNED:	07/09/2023
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Total Attachments: 12

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PATENT SECURITY AGREEMENT

July 6, 2023

Reference is hereby made to (i) the Term Loan Agreement, dated as of February 7, 2022 (as amended, supplemented, restated, extended, renewed or replaced from time to time, the “**Loan Agreement**”), among OURA HEALTH OY, a limited liability company organized under the laws of Finland (“**Borrower**”), the subsidiary guarantors from time to time party thereto, the Lenders from time to time party thereto and CRG SERVICING LLC, a Delaware limited liability company, as administrative agent and collateral agent (in such capacities, together with its successors and assigns, the “**Administrative Agent**”), (ii) the Security Agreement, dated as of February 7, 2022 (as amended, supplemented, restated, extended, renewed or replaced from time to time, the “**Security Agreement**”; capitalized terms used herein by not defined shall have the meaning ascribed to such terms therein), among Borrower, the other Grantors party thereto and the Administrative Agent and (iii) the Joinder Agreement, dated as of July 6, 2023 (the “**Joinder**”) by TWIN MERGER SUB II, LLC, a Delaware limited liability company (the “**Grantor**”), in favor of the Administrative Agent for the benefit of the Secured Parties, pursuant to which the Grantor agrees to become a “Grantor” for all purposes of the Security Agreement and granted a security interest in all of Grantor’s right, title and interest in, to and under all of its personal property, including without limitation the patents and patent applications listed on the **Schedule A** hereto.

WHEREAS, it is a condition to the advance of the loans and other obligations secured by the Security Agreement, that the Grantor execute and deliver, and cause to be filed in the United States Patent and Trademark Office (the “**USPTO**”), this Patent Security Agreement (this “**Patent Security Agreement**”).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

As collateral security for the prompt and complete payment and performance in full when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations, the Grantor hereby pledges and grants to Administrative Agent, for the benefit of the Secured Parties, a security interest in all of the Grantor’s right, title and interest in, to and under all of the Patents, whether now owned or at any time hereafter acquired, of the Grantor that are registered with, or for which applications for registration have been filed with, the USPTO, including the Patents listed on **Schedule A** hereto, and all registrations and pending applications associated therewith.

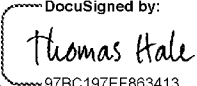
Notwithstanding the foregoing, in the event of any conflict between this Patent Security Agreement and the Security Agreement, the Security Agreement shall control.

This Patent Security Agreement and the rights and obligations of the parties hereunder shall be governed by, and construed in accordance with, the law of the State of New York, without regard to principles of conflicts of laws that would result in the application of the laws of any other jurisdiction; *provided that* Section 5-1401 of the New York General Obligations Law shall apply.

[signature to follow]

IN WITNESS WHEREOF, Grantor has caused this Patent Security Agreement to be duly executed and delivered as of the day and year first above written.

TWIN MERGER SUB II, LLC, as Grantor

By:  97BC197EF863413...
Name: Thomas Hale
Title: President

[Signature Page to Patent Security Agreement]

PATENT
REEL: 064235 FRAME: 0580

**Schedule A
to Patent Security Agreement**

PATENTS AND PATENT APPLICATIONS

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
WEARABLE COMPUTING DEVICE	14556062	11/28/2014	9582034	02/28/2017
WEARABLE COMPUTING DEVICE	15043412	02/12/2016	9958904	05/01/2018
WEARABLE COMPUTING DEVICE	15444208	02/27/2017	10139859	11/27/2018
WEARABLE COMPUTING DEVICE	15444217	02/27/2017	10156867	12/18/2018
WEARABLE COMPUTING DEVICE	15444227	02/27/2017	10126779	11/13/2018
WEARABLE COMPUTING DEVICE	15444237	02/27/2017	10331168	06/25/2019
UNIVERSAL PERSONAL IDENTIFICATION SIGNAL	15716464	09/26/2017	10721625	07/21/2020
WEARABLE DEVICE AND DATA TRANSMISSION METHOD	15854783	12/27/2017	10281953	05/07/2019
WEARABLE COMPUTING DEVICE	15967559	04/30/2018	10496131	12/03/2019
UNIVERSAL ID SYSTEM AND METHODS AND BIOMETRIC INFORMATION	16164822	10/19/2018	N/A	N/A
WEARABLE COMPUTING DEVICE	16189038	11/13/2018	N/A	N/A

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
WEARABLE COMPUTING DEVICE	16202054	11/27/2018	10901460	01/26/2021
WEARABLE COMPUTING DEVICE	16224686	12/18/2018	10768666	09/08/2020
METHOD AND APPARATUS FOR OBTAINING MULTIPLE USER CREDENTIALS	16573806	09/17/2019	11509475	11/22/2022
METHOD AND APPARATUS FOR OBTAINING MULTIPLE USER CREDENTIALS	16573830	09/17/2019	N/A	N/A
BIOMETRIC CREDENTIAL IMPROVEMENT METHODS AND APPARATUS	16591327	10/02/2019	N/A	N/A
SECURE BIOMETRIC CREDENTIAL AUTHORIZATION METHODS AND APPARATUS	16591362	10/02/2019	N/A	N/A
HIGH AVAILABILITY BLE PROXIMITY DETECTION METHODS AND APPARATUS	16677489	11/07/2019	10826699	11/03/2020
METHODS AND APPARATUS FOR AUTHORIZING AND PROVIDING OF SERVICES	16717951	12/17/2019	11539522	12/27/2022
METHODS AND APPARATUS FOR AUTHORIZING AND PROVIDING OF GOODS	16717973	12/17/2019	N/A	N/A

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
READER DEVICE WITH SENSOR STREAMING DATA AND METHODS	16718010	12/17/2019	11109234	08/31/2021
METHODS AND APPARATUS FOR PREAUTHORIZING READER DEVICES	16718044	12/17/2019	11438767	09/06/2022
WEARABLE DEVICE AND DATA TRANSMISSION METHOD	16718135	12/17/2019	10884455	01/05/2021
WIRELESS CHARGING OF USER ACCESS READER DEVICE AND METHODS	16736665	01/07/2020	N/A	N/A
WIRELESS READER DEVICE WITH WIEGAND INTERFACE AND METHODS	16736695	01/07/2020	11201740	12/14/2021
AUTHORIZED GESTURE CONTROL METHODS AND APPARATUS	16840193	04/03/2020	11562054	01/24/2023
METHODS AND APPARATUS FOR ENABLING DIGITAL IDENTITY SUPPORT ON LEGACY ACCESS CONTROL SYSTEMS	16858459	04/24/2020	11238683	02/01/2022
UNIVERSAL PERSONAL IDENTIFICATION SIGNAL	16933607	07/20/2020	11240668	02/01/2022
WEARABLE COMPUTING DEVICE	17013348	09/04/2020	11188124	11/30/2021
METHODS AND APPARATUS FOR FACILITATING	17068314	10/12/2020	11398123	07/26/2022

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
OPERATION OF CONTROL ACCESS SYSTEMS				
FACILITY CONTROL METHODS AND APPARATUS	17098095	11/13/2020	11462095	10/04/2022
METHODS AND APPARATUS FOR PRESENCE SENSING REPORTING	17098246	11/13/2020	11546728	01/03/2023
METHODS AND APPARATUS FOR AUTHORIZING AND PROVIDING OF GOODS OR SERVICES WITH REDUCED HARDWARE RESOURCES	17174913	02/12/2021	N/A	N/A
METHODS AND APPARATUS FOR AUTHORIZING AND PROVIDING OF DISTRIBUTED GOODS OR SERVICES	17174950	02/12/2021	11411735	08/09/2022
AUTHORIZED OFF- LINE ACCESS METHODS AND APPARATUS	17195407	03/08/2021	11539706	12/27/2022
AUTHORIZED REMOTE CONTROL DEVICE GESTURE CONTROL METHODS AND APPARATUS	17229762	04/13/2021	N/A	N/A
METHODS AND APPARATUS FOR PRESENCE MONITORING	17326197	05/20/2021	11622257	04/04/2023
READING DEVICE WITH SENSOR	17385705	07/26/2021	N/A	N/A

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
STREAMING DATA AND METHODS				
WEARABLE COMPUTING DEVICE	17519201	11/04/2021	11599147	03/07/2023
WEARABLE COMPUTING DEVICE	29492739	06/02/2014	D756999	05/24/2016
WEARABLE COMPUTING DEVICE	29550957	01/08/2016	D791764	07/11/2017
WEARABLE COMPUTING DEVICE	29551034	01/08/2016	D791765	07/11/2017
WEARABLE COMPUTING DEVICE	29573392	08/05/2016	D804471	12/05/2017
HEART RATE SENSOR	29573393	08/05/2016	D817496	05/08/2018
PACKAGE	29573394	08/05/2016	D828767	09/18/2018
USB CHARGER	29574680	08/18/2016	D810016	02/13/2018
KEY HOLDER	29575004	08/21/2016	D809782	02/13/2018
CHARGER	29665935	10/09/2018	D885333	05/26/2020
EXPANDABLE RING	29683561	03/14/2019	D960755	08/16/2022
DISPLAY SCREEN OR PORTION OF THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	29746078	08/11/2020	D937894	12/07/2021
DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	29746082	08/11/2020	D937895	12/07/2021
DISPLAY SCREEN OR PORTION	29746086	08/11/2020	D939573	12/28/2021

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE				
DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	29746088	08/11/2020	D939574	12/28/2021
UNIVERSAL ID SYSTEM AND METHODS AND BIOMETRIC INFORMATION	16129859	09/13/2018	N/A	N/A
UNIVERSAL ID WITH WIRELESS COMMUNICATION DEVICES DETECTING ADVERTISING SIGNALS WHILE IN THE PROCESS OF CONNECTING TO ELECTRONIC DEVICES	16164831	10/19/2018	N/A	N/A
UNIVERSAL PERSONAL IDENTIFICATION SIGNAL	16164841	10/19/2018	N/A	N/A
UNIVERSAL ID OPERABLE WITH BLOCKCHAIN	16166076	10/19/2018	N/A	N/A
UNIVERSAL ID OPERABLE WITH MODES OF TRANSPORTATION	16204345	11/29/2018	N/A	N/A
SYSTEMS AND METHODS FOR PHYSICAL WORLD PAYMENTS USING A UNIVERSAL ID	16204416	11/29/2018	N/A	N/A
UNIVERSAL ID SYSTEM AND METHODS WITH BIOMETRIC INFORMATION ENROLLMENT	16204453	11/29/2018	N/A	N/A
UNIVERSAL ID SYSTEM AND	16204492	11/29/2018	N/A	N/A

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
METHODS WITH AUGMENTATION				
HIGH AVAILABILITY BLE PROXIMITY DETECTION METHODS AND APPARATUS	17088414	11/03/2020	N/A	N/A
PERSONAL ANOMALY DETECTION METHODS AND APPARATUS	17326101	05/20/2021	N/A	N/A
AUTHENTICATED HEALTH CREDENTIAL ACCESS METHODS AND APPARATUS	17326122	05/20/2021	N/A	N/A
WEARABLE DEVICE AND METHODS OF MANUFACTURING	17352923	06/21/2021	N/A	N/A
METHODS AND APPARATUS FOR FACILITATING SECURE TRANSACTIONS WITH REDUCED HARDWARE REQUIREMENTS	17454000	11/08/2021	N/A	N/A
METHODS AND APPARATUS FOR PRIVACY-CONTROLLED SECURE TRANSACTIONS	17465726	09/02/2021	N/A	N/A
METHODS AND APPARATUS FACILITATING HIGH SECURITY TRANSACTIONS	17465747	09/02/2021	N/A	N/A
METHODS AND APPARATUS FOR CONFIGURING WEARABLE DEVICES	17547174	12/09/2021	N/A	N/A
UNIVERSAL PERSONAL IDENTIFICATION SIGNAL	17573168	01/11/2022	N/A	N/A
METHODS AND APPARATUS FOR FACILITATING SECURE	17704925	03/25/2022	N/A	N/A

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
MULTIPARTY TRANSACTIONS WITH REDUCED HARDWARE REQUIREMENTS				
METHODS AND APPARATUS FOR FACILITATING DISTRIBUTION OF AUTHENTICATED DATA WITH REDUCED HARDWARE REQUIREMENTS	17704945	03/25/2022	N/A	N/A
WEARABLE DEVICE SYNCHRONIZATION SYSTEM AND METHODS	17734967	05/02/2022	N/A	N/A
SMART RING AND METHODS FOR MANUFACTURING	17740222	05/09/2022	N/A	N/A
DISPLAY READER DEVICE AND METHODS	17878785	08/01/2022	N/A	N/A
WEARABLE COMPUTING DEVICE	18179272	03/06/2023	N/A	N/A
DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	29744892	07/31/2020	N/A	N/A
DISPLAY SCREEN OR PORTION THEREOF WITH ICON	29746089	08/11/2020	N/A	N/A
RING	29759201	11/20/2020	N/A	N/A
RING	29770248	02/10/2021	N/A	N/A
DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	29771355	02/22/2021	N/A	N/A
IDENTITY SENSOR	29811359	10/13/2021	N/A	N/A
IDENTITY SENSOR	29811361	10/13/2021	N/A	N/A
WEARABLE DEVICE FOR HEALTH MONITORING	63041012	06/18/2020	N/A	N/A

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
SYSTEM AND METHODS				
METHODS AND APPARATUS FOR PRIVACY-CONTROLLED SECURE TRANSACTIONS	63073578	09/02/2020	N/A	N/A
METHODS AND APPARATUS FACILITATING HIGH SECURITY TRANSACTIONS	63073585	09/02/2020	N/A	N/A
APPARATUS FOR FACILITATING SECURE TRANSACTIONS WITH REDUCED HARDWARE REQUIREMENTS	63110695	11/06/2020	N/A	N/A
METHODS AND APPARATUS FOR CONFIGURING WEARABLE DEVICES	63123252	12/09/2020	N/A	N/A
METHODS AND APPARATUS FOR FACILITATING SECURE MULTIPARTY TRANSACTIONS WITH REDUCED HARDWARE REQUIREMENTS	63167497	03/29/2021	N/A	N/A
METHODS AND APPARATUS FOR FACILITATING DISTRIBUTION OF AUTHENTICATED DATA WITH REDUCED HARDWARE REQUIREMENTS	63167502	03/29/2021	N/A	N/A
WEARABLE DEVICE SYNCHRONIZATION SYSTEM AND METHODS	63183372	05/03/2021	N/A	N/A
SMART RING AND METHODS FOR MANUFACTURING	63185827	05/07/2021	N/A	N/A
DISPLAY READER DEVICE AND METHODS	63227950	07/30/2021	N/A	N/A

Title	Application No.	Application Date	Patent / Registration No.	Registration Date
IDENTITY VERIFICATION WITH REDUCED HARDWARE RESOURCES AND METHODS	63227965	07/30/2021	N/A	N/A
SECURITY MODULE AND METHODS	63245079	09/16/2021	N/A	N/A
IDENTITY SENSOR AND METHODS	63282009	11/22/2021	N/A	N/A