

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7033162

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANDO CORPORATION	10/26/2021

RECEIVING PARTY DATA

Name:	MANDO MOBILITY SOLUTIONS CORPORATION
Street Address:	32, HAMANHO-GIL, POSEUNG-EUP, PYEONGTAEK-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17962

PROPERTY NUMBERS Total: 43

Property Type	Number
Patent Number:	7659835
Application Number:	17361318
Application Number:	17187689
Application Number:	17246594
Application Number:	16900859
Application Number:	16779485
Application Number:	16900865
Application Number:	16509459
Application Number:	16596651
Application Number:	16595372
Application Number:	16593955
Application Number:	16592726
Application Number:	16719623
Patent Number:	11131770
Patent Number:	10800432
Patent Number:	10994780
Application Number:	16205198
Patent Number:	10996315
Application Number:	16373618
Application Number:	16258540

PATENT

Property Type	Number
Application Number:	16043113
Patent Number:	10809087
Application Number:	15983020
Patent Number:	10723330
Patent Number:	11110916
Patent Number:	11046306
Application Number:	15981876
Patent Number:	10919521
Application Number:	16209948
Patent Number:	10578707
Patent Number:	10386458
Patent Number:	10718859
Patent Number:	10643475
Patent Number:	10249195
Patent Number:	10664709
Patent Number:	10732273
Patent Number:	9834212
Patent Number:	10086872
Patent Number:	10057171
Patent Number:	9965692
Patent Number:	10613196
Patent Number:	9522675
Patent Number:	9545922

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.

Email: ykoo@la.ladas.com

Correspondent Name: LADAS & PARRY, LLP

Address Line 1: 4525 WILSHIRE BLVD. SUITE 240

Address Line 4: LOS ANGELES, CALIFORNIA 90010

ATTORNEY DOCKET NUMBER:	MANDO_MMS_YUILHIGHEST
NAME OF SUBMITTER:	YOUNG SEOK KOO
SIGNATURE:	/Young Seok Koo/
DATE SIGNED:	11/19/2021

Total Attachments: 8

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ASSIGNMENT

WHEREAS, MANDO CORPORATION, having a business address at 343-1, Manho-ri, Poseung-eup, Pyeongtaek-si, Gyeonggi-do 17962, Republic of Korea ("ASSIGNOR") owns all right, title, and interest in those patents and/or patent applications set forth in Schedule A hereto (all such patents and/or patent applications, whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, abandoned or the like, collectively, the "PATENTS AND/OR PATENT APPLICATIONS"); and

MANDO MOBILITY SOLUTIONS CORPORATION, having a business address at 32, Hamanho-gil, Poseung-eup, Pyeongtaek-si, Gyeonggi-do 17962, Republic of Korea ("ASSIGNEE"), desires to own the ASSIGNOR's entire right, title, and interest in and to the invention, in all countries throughout the world, and in and to the PATENTS AND/OR PATENT APPLICATIONS.

This ASSIGNMENT ("ASSIGNMENT") dated as of October 26, 2021 is entered into by and between ASSIGNOR and ASSIGNEE.

NOW THEREFORE, in consideration of the good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

Section 1. Assignment. ASSIGNOR hereby assigns and transfer to ASSIGNEE, and ASSIGNEE hereby accepts, all of ASSIGNOR's right, title interest throughout the world in, to and under the PATENTS AND/OR PATENT APPLICATIONS, including the inventions, claimed therein, and all reissuances, continuations, continuations-in-part, revisions, renewals, divisionals, extensions and reexaminations thereof, and any and all letters patent which may be granted therefor in any jurisdiction, and all rights of action, powers, and benefits arising from ownership of the PATENTS AND/OR PATENT APPLICATIONS, for ASSIGNEE's own use and enjoyment, for the use and enjoyment of ASSIGNEE's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this ASSIGNMENT had not been made, including, in each case:

- (a) the right to sue and recover for damages or other compensation and the right to sue and obtain other legal and equitable remedies in respect of all causes of action arising before, on, or after the date of this ASSIGNMENT, including in respect of past, present or future infringements, and the right to fully and entirely stand in the place of ASSIGNOR in all matters related thereto; and ASSIGNOR hereby also assigns and transfers to ASSIGNEE any claims for past use or infringement of the PATENTS AND/OR PATENT APPLICATIONS, including claims for damages and accounting under applicable law;
- (b) the right to file and prosecute in its own name, wherever so permitted by law, patent applications, including corresponding applications, based on any of the PATENTS

- AND/OR PATENT APPLICATIONS and to prosecute, make filings with respect to, register, defend any maintain the PATENTS AND/OR PATENT APPLICATIONS before any patent office and governmental authority, including by filing reissues, reexaminations, divisionals, continuations, continuations-in-part, substitutes, extensions and all other applications relating thereto; and
- (c) the right to claim priority any of the PATENTS AND/OR PATENT APPLICATIONS pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

ASSIGNOR retains no ownership rights in the PATENTS AND/OR PATENT APPLICATIONS and the right transferred to ASSIGNEE hereunder.

Section 2. Patent Rights. ASSIGNEE may apply for and receive patents in its own name in respect of the PATENTS AND/OR PATENT APPLICATIONS wherever so permitted by law.

Section 3. General. As used in this ASSIGNMENT, the words "herein," "hereof," and "hereunder" and other words of similar import refer to this ASSIGNMENT as a whole, as the same may from time to time be amended or supplemented and not to any particular subdivision contained in this ASSIGNMENT. The word "including" when used herein is not intended to be exclusive, or to limit the generality of the preceding words, and means "including, without limitation." This ASSIGNMENT shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns. This ASSIGNMENT may be signed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this ASSIGNMENT.

Mando Corporation ("Assignor")

By: AKI
Name: JIL WOOK KIM
Title: Senior Manager
Date: October 26, 2021

Patent

Patent

Schedule A

Patent No.	Issue Date of Patent	Application No.	Filing Date	Title
7,659,835	02-09-2010	11/901,001	09-14-2007	METHOD AND APPARATUS FOR RECOGNIZING PARKING SLOT BY USING BIRD'S EYE VIEW AND PARKING ASSIST SYSTEM USING THE SAME
		17/361,318	06-29-2021	RADAR APPARATUS
		17/187,689	02-26-2021	FAILURE DETERMINATION APPARATUS AND METHOD OF VEHICLE RADAR APPARATUS, AND VEHICLE RADAR APPARATUS WITH THE SAME
		17/246,594	05-01-2021	DEVICE AND METHOD FOR CONTROLLING VEHICLE AND RADAR SYSTEM FOR VEHICLE
		16/900,859	06-12-2020	CLEANING CONTROL DEVICE AND CLEANING CONTROL METHOD
		16/779,485	01-31-2020	RADAR SENSOR APPARATUS FOR VEHICLE, OBJECT DETECTING METHOD, AND ANTENNA APPARATUS THEREFOR
		16/900,865	06-12-2020	VEHICLE CONTROL SYSTEM, SENSING DEVICE AND SENSING DATA PROCESSING METHOD
		16/509,459	07-11-2019	VEHICLE CONTROL SYSTEM, APPARATUS FOR CLASSIFYING MARKINGS, AND METHOD THEREOF

		16/596,651	10-08-2019	RADAR SYSTEM AND RADAR SENSING SYSTEM HAVING THE SAME
		16/595,372	10-07-2019	APPARATUS AND METHOD FOR COMPLEMENTING AUTOMOTIVE RADAR
		16/593,955	10-04-2019	RADAR APPARATUS FOR VEHICLE AND METHOD FOR CONTROLLING THE SAME
		16/592,726	10-03-2019	ANTENNA DEVICE AND RADAR INCLUDING THE SAME
		16/719,623	12-18-2019	STRUCTURE AND ALIGNMENT METHOD OF ARRAY ANTENNAS FOR VEHICLE RADAR
11,131,770	09-28-2021	16/244,026	01-09-2019	VEHICLE RADAR
		16/241,847	01-07-2019	APPARATUS AND METHOD FOR CONTROLLING RADAR
10,800,432	10-13-2020	16/392,657	04-24-2019	REAR-SIDE ALERT SYSTEM AND METHOD OF CONTROLLING SAME
10,994,780	05-04-2021	16/292,203	03-04-2019	APPARATUS AND METHOD FOR DETERMINING TARGET ANGLE BASED ON RADAR, AND RADAR APPARATUS WITH THE SAME
		16/205,198	11-29-2018	SYSTEM, APPARATUS, AND METHOD FOR VEHICLE CONTROL AND IMAGE SENSOR
10,996,315	05-04-2021	16/131,696	09-14-2018	RADAR APPARATUS FOR VEHICLE AND METHOD FOR ESTIMATING ANGLE USING SAME

		16/373,618	04-02-2019	NONLINEAR ARRAY ANTENNA RADAR AND METHOD THEREOF
		16/258,540	01-26-2019	APPARATUS AND METHOD FOR COMPENSATING FOR RETURN LOSS OF ANTENNA OF RADAR, AND RADAR APPARATUS USING SAME
		16/043,113	07-23-2018	VEHICLE CONTROL APPARATUS AND METHOD
10,809,087	10-20-2020	15/832,791	12-06-2017	APPARATUS AND METHOD FOR DRIVING VEHICLE ALONG NORMAL ROUTE
		15/983,020	05-17-2018	PARKING CONTROL APPARATUS AND METHOD
10,723,330	07-28-2020	15/717,908	09-27-2017	SUPPORT BRAKING APPARATUS AND METHOD FOR VEHICLE
11,110,916	09-07-2021	15/702,761	09-13-2017	Impact-absorbing apparatus and method for vehicle
11,046,306	06-29-2021	15/960,530	04-23-2018	AUTOMATIC PARKING CONTROL APPARATUS AND AUTOMATIC PARKING CONTROL METHOD
		15/981,876	05-16-2018	SMART PARKING ASSIST SYSTEM AND CONTROL METHOD THEREOF
10,919,521	02-16-2021	15/985,665	05-21-2018	SMART PARKING ASSIST SYSTEM AND METHOD OF CONTROLLING THE SAME
		16/209,948	12-04-2018	APPARATUS AND METHOD FOR DETECTING TARGET
10,578,707	03-03-2020	15/623,349	06-14-2017	RADAR APPARATUS AND METHOD FOR PROCESSING RADAR SIGNAL

10,386,458	08-20-2019	15/623,342	06-14-2017	RADAR SIGNAL PROCESSING DEVICE AND METHOD
10,718,859	07-21-2020	15/487,408	04-13-2017	RADAR DEVICE AND RADAR DETECTION METHOD
10,643,475	05-05-2020	16/265,995	02-02-2019	LANE DEPARTURE WARNING DEVICE AND METHOD
10,249,195	04-02-2019	15/349,995	11-11-2016	LANE DEPARTURE WARNING DEVICE AND METHOD
10,664,709	05-26-2020	15/719,553	09-29-2017	DRIVING ASSISTANT APPARATUS USING FRONT MONITORING APPARATUS AND DRIVING ASSISTANT METHOD USING FRONT MONITORING APPARATUS
10,732,273	08-04-2020	15/286,463	10-05-2016	RADAR DEVICE FOR VEHICLE AND METHOD FOR ESTIMATING ANGLE OF TARGET USING SAME
9,834,212	12-05-2017	14/801,668	07-16-2015	APPARATUS AND METHOD FOR CONTROLLING VEHICLE USING VEHICLE COMMUNICATION
10,086,872	10-02-2018	15/215,542	07-20-2016	LANE KEEPING CONTROL METHOD AND APPARATUS THEREOF
10,057,171	08-21-2018	14/801,681	07-16-2015	APPARATUS AND METHOD FOR CONTROLLING VEHICLE COMMUNICATION
9,965,692	05-08-2018	15/008,413	01-27-2016	SYSTEM AND METHOD FOR DETECTING VEHICLE
10,613,196	04-07-2020	15/177,330	06-08-2016	APPARATUS FOR PROCESSING SIGNALS OF RADAR AND METHOD FOR

				PROCESSING SIGNALS THEREOF
9,522,675	12-20-2016	14/807,870	07-23-2015	PARKING CONTROL SYSTEM AND CONTROL METHOD THEREOF
9,545,922	01-17-2017	14/885,986	10-16-2015	LANE KEEPING ASSISTANCE SYSTEM AND METHOD THEREOF