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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARIO MUNICH	10/11/2016
NIKOLAI ROMANOV	12/12/2016
DHIRAJ GOEL	12/01/2016
PHILIP FONG	12/01/2016

RECEIVING PARTY DATA

Name:	IROBOT CORPORATION
Street Address:	8 CROSBY DRIVE
City:	BEDFORD
State/Country:	MASSACHUSETTS
Postal Code:	01730

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16189402

CORRESPONDENCE DATA

Fax Number: (919)854-1401

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: 9198541400

Email: mderosa@myersbigel.com

Correspondent Name: MYERS BIGEL, P.A.

4140 PARKLAKE AVENUE Address Line 1:

Address Line 2: SUITE 600

Address Line 4: RALEIGH, NORTH CAROLINA 27612

ATTORNEY DOCKET NUMBER:	5579-100XCT2
NAME OF SUBMITTER:	MEREDITH DEROSA
SIGNATURE:	/mld/
DATE SIGNED:	11/13/2018

Total Attachments: 5

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> **PATENT** REEL: 047488 FRAME: 0777 505188472

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> PATENT REEL: 047488 FRAME: 0778

CONFIRMATORY ASSIGNMENT

The effective date of the assignment is April 28, 2016.

THIS ASSIGNMENT, made by us, Mario Munich, a citizen of the United States of America, residing at 5653 Bramblewood Rd., La Canada, California 91011; Nikolai Romanov, a citizen of the United States of America, residing at 351 Southridge Drive, Oak Park, California 91377; Dhiraj Goel, a citizen of the United States of America, residing at 1151 Cordova Street, Pasadena, California 91106; and Philip Fong, a citizen of the United States of America, residing at 1722 Hanscom Drive, South Pasadena, California 91030;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in SYSTEMS AND METHODS FOR PERFORMING SIMULTANEOUS LOCALIZATION AND MAPPING USING MACHINE VISION SYSTEMS for which U.S. Application No. 14/856,526 was filed on September 16, 2015 in the United States Patent and Trademark Office; and

WHEREAS, iRobot Corporation, a Delaware corporation having a principal place of business at 8 Crosby Drive, Bedford, Massachusetts 01730, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be or have been granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee,

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its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

of OCT	ESS WHERI , 2016.	≎OF, we	have hereunto set of	ur nangs a	nd seals on this	_ day
		¿ 4 .	Mario Munich		(SEAL)	
Witnessed by:						
Date:						

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12-12-2016 2016	EREOF, we have hereunto set our hands 6.	
16 16 2010		· · · · · · · · · · · · · · · · · · ·
	V. Row	(SEAL)
	Nikolai Romanov	-
·	Nikolai Romanov	. ,

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IN WITNESS WHEREOF, we have hereunto set our hands and seals on this day				
of December, 2016.	Dhiraj Goel	(SEAL)		
Witnessed by: Date: Pec (70)6				

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RECORDED: 01/18/2017 RECORDED: 11/13/2018

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