PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5030694

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP FONG	09/25/2015
JASON MELTZER	09/28/2015
MARC BARNADA RIUS	09/26/2015

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:	15646782

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: mdowning@myersbigel.com

MYERS BIGEL, P.A. **Correspondent Name:**

Address Line 1: 4140 PARKLAKE AVENUE

Address Line 2: SUITE 600

Address Line 4: RALEIGH, NORTH CAROLINA 27612

ATTORNEY DOCKET NUMBER:	5579-100CT
NAME OF SUBMITTER:	MEREDITH DOWNING
SIGNATURE:	/mld/
DATE SIGNED:	06/29/2018

Total Attachments: 9

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> **PATENT** REEL: 046237 FRAME: 0051 504983948



PATENT REEL: 046237 FRAME: 0052

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ASSIGNMENT

WHEREAS, WE, Philip Fong, Jason Meltzer and Marc Barnada Rius, have made certain new and useful inventions and improvements for which an application for Letters Patent of the United States entitled Systems and Methods for Performing Occlusion Detection was filed on September 16, 2015 and assigned application number 14/856497

WHEREAS, iRobot Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8 Crosby Drive, 10-2, Bedford, MA 01730 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more

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effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN WITNESS WHEREOF, I have hereunto set my hand this 25 day of 52ptember 2015,

Philip Fond

1722 Hanscom Drive

South Pasadena, CA 91030

WITNESS

Print name

'aul T. Micele

IN WITNESS WHEREOF, I have hereunto set	my hand this day of	<u>_</u> 2015.
	Jason Meltzer 1273 Eastlyn Pl Pasadena, CA 91104	
WITNESS:		
Print name		
े जेसीसे	***	
IN WITNESS WHEREOF, I have hereunto set	my hand this day of	್ಷ 2015.
	Marc Barnada Rius C/ Doctor Codina 7 La Cellera de Ter 17165 Spain	
WITNESS:		
Print name		

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ASSIGNMENT

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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PATENT REEL: 046237 FRAME: 0056 Docket No: 124-03672

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IN WITNESS WHEREOF, I have here	unto set my hand this day of	, 2015.
	Phillip Fong 1722 Hanscom Drive South Pasadena, CA 91030	
WITNESS:		
Print name		

IN WITNESS WHEREOF, I have hereunto set	my hand this 28th day of 5th 2015.
	Jason Meltzer 1273 Eastlyn Pl Pasadena, CA 91104
WITNESS: WALLA	
Print name MANU VISINANIAMA	
***	ጵ 활∮ጵ
IN WITNESS WHEREOF, I have hereunto set	my hand this day of 2015,
	Marc Barnada Rius C/ Doctor Codina 7 La Cellera de Ter 17165 Spain
WITNESS:	
Print name	

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Docket No: 124-03672

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	Phillip Fong 1722 Hanscom Drive South Pasadena, CA 91030	
WITNESS:		
Print name	. <u></u>	

IN WITNESS WHEREOF, I have hereunt	to set my hand this day of	, 2015.
	Jason Meltzer 1273 Eastlyn Pl Pasadena, CA 91104	
WITNESS:	-	
Print name	·	

		- 0045
IN WITNESS WHEREOF, I have hereun	to set my hand this <u>26th</u> day of <u>Septembe</u>	, 2015.
	(the state of the	
	Marc Barnada Rius C/ Doctor Codina 7 La Cellera de Ter 17165 Spain	
WITNESS: Francesc Barnada Alabau	-	
Print name Marc Barnada Rius	-	

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RECORDED: 09/29/2015 RECORDED: 06/29/2018