504865096 04/12/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Brian Yamauchi	06/09/2015
Andrew Beaulieu	08/01/2015
Paul C. Balutis	07/10/2015

## **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:	15850413

## **CORRESPONDENCE DATA**

**Fax Number:** (877)769-7945

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:** (617) 542-5070

Email: jhr@fr.com

Correspondent Name: REX I. HUANG

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

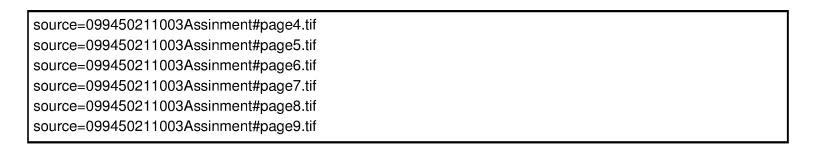
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	09945-0211003	
NAME OF SUBMITTER:	REX I. HUANG	
SIGNATURE:	/Rex I. Huang/	
DATE SIGNED:	04/12/2018	

#### **Total Attachments: 9**

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PATENT REEL: 045516 FRAME: 0191

Attorney Docket No.: 09945-0211001 / OD-09 US

## ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>BRIAN YAMAUCHI</u>, <u>ANDREW BEAULIEU</u>, and <u>PAUL C. BALUTIS</u>, each individually assign to <u>IROBOT CORPORATION</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>8 Crosby Drive</u>, <u>Bedford</u>, <u>MA 01730</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>ROBOTIC LAWN MOWING</u> <u>BOUNDARY DETERMINATION</u>", and was filed in the United States Patent and Trademark Office on <u>October 10</u>, 2014, as application <u>14/512.098</u> (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

Assignment Page 1 of 3

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Brian Yamauchi	Date: 6(9/15
Witnessed by:  Signature:	Date: 6(9/15
Print Name: YAU JAWA GC Signature: Print Name:	Date:
	Data
Andrew Beaulieu Witnessed by:	Date:
Signature:	Date:
Print Name:	Data
Print Name:	Date:

Attorney Docket No.: 09945-0211001 / OD-09 US

	Date:	
Paul C. Balutis		
Witnessed by:		
Signature:	Date:	
Print Name:		
Signature:	Date:	
Print Name:		
The Assignee hereby	acknowledges and accepts the forego	ing assignment.
Assignee: IROBOT (		
Signature: <u>HM</u>	Tonya S. Drake	Date: <u>\$/3/15</u>
Name:	VP & Asst. General Counse)	
Title:		
***************************************		

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Assignment Page 3 of 3

## **ASSIGNMENT**

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>BRIAN YAMAUCHI</u>, <u>ANDREW BEAULIEU</u>, and <u>PAUL C. BALUTIS</u>, each individually assign to <u>IROBOT CORPORATION</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>8 Crosby Drive</u>, <u>Bedford</u>, <u>MA 01730</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>ROBOTIC LAWN MOWING</u>
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Assignment Page 1 of 3

--PATENT

REEL: 045516 FRAME: 0195

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	Date:
Brian Yamauchi	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
Andrew Beautieu	Date: 08/01/15
Witnessed by:	
Signature: Paul T. Micele	Date: 7/1/15
Print Name: Paul J. Micele	3 *
Signature:	Date:
Print Name:	

Assignment Page 2 of 3

REEL: 045516 FRAME: 0196

Attorney Docket No.: 09945-0211001 / OD-09 US

	Date:
Paul C. Balutis	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
The Assignee hereby acknowledges and accept	ots the foregoing assignment.
Assignee: IROBOT CORPORATION	
Signature: JOL Conya S. Drake	Date: 8-3-15
Name: VP & Asst. General Con	ınsel
Title:	
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Assignment Page 3 of 3

PATENT

REEL: 045516 FRAME: 0197

#### ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>BRIAN YAMAUCHI</u>, <u>ANDREW BEAULIEU</u>, and <u>PAUL C. BALUTIS</u>, each individually assign to <u>IROBOT CORPORATION</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>8 Crosby Drive</u>, <u>Bedford</u>, <u>MA 01730</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>ROBOTIC LAWN MOWING</u>
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Assignment Page 1 of 3

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

	Date;	
Brian Yamauchi		
Witnessed by:		
Signature:	Date:	
Print Name:		
Signature:	Date:	
Print Name:		
	Date:	
Andrew Beaulieu	,	***************************************
Witnessed by:		
Signature:	Date:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Print Name:		
Signature:	Date:	
Print Name:		

Assignment Page 2 of 3

200 B. C.	Date: 07-10-2018
Paul C. Balutis	
Witnessed by: Signature: \( \lambda \text{OV} \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Date: 7/10/15
Signature:	Date:
Print Name:	
The Assignee hereby acknowledges and acco	epts the foregoing assignment.
Assignee: IROBOT CORPORATION	
Signature: Honya S. Dral	Date: 8-3-15
Name: VP & Asst. General	Counsel
Title:	

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