

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4824535

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ping-Hong Lu	06/10/2015
Dan Foran	06/16/2015
Marcus Williams	06/16/2015
Joe Johnson	06/16/2015
Andrew Graziani	05/07/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	iRobot Corporation
<b>Street Address:</b>	8 Crosby Drive
<b>City:</b>	Bedford
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01730
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15798813
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Phone:</b>	+1 650-839-5047
<b>Email:</b>	jhr@fr.com
<b>Correspondent Name:</b>	ALEX YU
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	09945-0239002
<b>NAME OF SUBMITTER:</b>	ALEX YU
<b>SIGNATURE:</b>	/Alex Yu/
<b>DATE SIGNED:</b>	02/14/2018
<b>Total Attachments: 10</b>	

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, PING-HONG LU, DAN FORAN, MARCUS WILLIAMS, JOE JOHNSON, and ANDREW GRAZIANI, each individually assign to IROBOT CORPORATION, a corporation formed under the laws of Delaware and having a principal place of business at 8 Crosby Drive, Bedford, MA 01730, 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 "AUTONOMOUS FLOOR CLEANING WITH A REMOVABLE PAD", and was filed in the United States Patent and Trademark Office on March 16, 2015, as application 14/658,820 (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

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.

By *PH 2*  
Ping-Hong Li

Date: 6/10/2015

Witnessed by:

Signature: *Paul J. Ancele*

Date: 6/10/15

Print Name: Paul J. Ancele

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Dan Foran

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

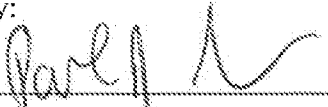
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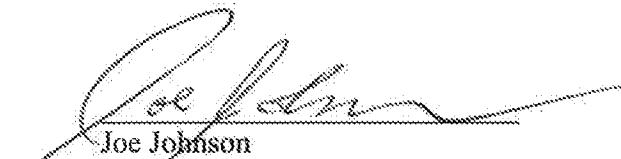
  
\_\_\_\_\_  
Date: 6/16/15  
Marcus Williams

Witnessed by:  
Signature:  Date: 6/16/15

Print Name: Paul J. Nicole

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

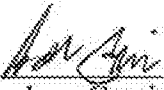
  
\_\_\_\_\_  
Date: 6/16/15  
Joe Johnson

Witnessed by:  
Signature:  Date: 6/16/15

Print Name: Paul J. Nicole

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

  
\_\_\_\_\_  
Andrew Graziani

Date: 05-07-15

Witnessed by:

Signature:  \_\_\_\_\_

Date: 05-07-15

Print Name: Tonya Drake

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: IROBOT CORPORATION

Signature: Tonya Drake

Date: 6-17-15

Name: Tonya Drake

Title: VP & Asst. General Counsel

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ASSIGNMENT

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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.

\_\_\_\_\_  
Ping-Hong Lu Date: \_\_\_\_\_


Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

  
Dan Egran  
DANIEL DA

Date: 2015-06-16

Witnessed by:

Signature:  Date: 2015-06-16

Print Name: JAMES NEST CASTRO

Signature:  Date: 2015-06-16

Print Name: BRYAN MACOMBER

\_\_\_\_\_  
Marcus Williams

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Joe Johnson

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

.....  
Andrew Graziani

Date: .....

Witnessed by:

Signature: .....

Date: .....

Print Name: .....

Signature: .....

Date: .....

Print Name: .....

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: IROBOT CORPORATION

Signature: 

Date: 6-17-15

Name: Tonya Drake

Title: VP & Assn. General Counsel

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