

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4305596

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JAY FORDING	01/11/2016
	EDUARDO GONZALEZ	01/13/2016
	MICHAEL MCDERMOTT	01/11/2016
	CLAUDE E. REYNOLDS JR.	01/10/2016
	JAMES TOWNSEND	02/04/2016
	TREVOR N. DEVINE	01/20/2016
	STEVEN P. GERSTEIN	01/12/2016
	KEVIN D. FRY	01/20/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LOWE'S COMPANIES, INC.	
<b>Street Address:</b>	1000 LOWE'S BOULEVARD	
<b>City:</b>	MOORESVILLE	
<b>State/Country:</b>	NORTH CAROLINA	
<b>Postal Code:</b>	28117	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14870851
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(336)607-7500	
<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>	336/607-7300	
<b>Email:</b>	lsmith@kilpatricktownsend.com	
<b>Correspondent Name:</b>	DEAN POWELL - KILPATRICK TOWNSEND	
<b>Address Line 1:</b>	1001 WEST FOURTH STREET	
<b>Address Line 4:</b>	WINSTON-SALEM, NORTH CAROLINA 27101	
<b>ATTORNEY DOCKET NUMBER:</b>	008530/0936700	
<b>NAME OF SUBMITTER:</b>	LAURA J. SMITH	
<b>SIGNATURE:</b>	/Laura J. Smith 09648/	

<b>DATE SIGNED:</b>	03/07/2017
<b>Total Attachments: 10</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif	

## ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Jay Fording, 19701 River Falls Drive, Davidson, NC 28036  
(Name/Address)

Eduardo Gonzalez, 108 Schuyler Drive, Huntersville, NC 28078  
(Name/Address)

Michael McDermott, 19125 Davidson Concord Road, Davidson, NC 28036  
(Name/Address)

Claude E. Reynolds, Jr., 149 Fellspoint Road, Mooresville, NC 28115  
(Name/Address)

James Townsend, 201 Town Square Circle, Mooresville, NC 28117  
(Name/Address)

Trevor N. Devine, 168 Duchamp Lane, Statesville, NC 28677  
(Name/Address)

Steven P. Gerstein, 13022 Serenity Street, Huntersville, NC 28078  
(Name/Address)

Kevin D. Fry, 919 West Central Avenue, So. Williamsport, PA 17702  
(Name/Address)

Scott G. Smith, 1809 Turkey Bottom Road, Muncy, PA 17756  
(Name/Address)

("the Inventors" or "the Assignors") do hereby sell, assign, and transfer to Lowe's Companies, Inc., a North Carolina corporation, having a place of business at 1000 Lowe's Boulevard, Mooresville, NC 28117 ("the Assignee"), and the Assignee's successors and assigns, all right, title, and interest for all countries in and to the United States patent application entitled

### VACUUM CLEANER

identified as United States Patent Application No. 14/870,851, filed September 30, 2015 (referred to as "the Application"), and in and to any and all inventions disclosed in the Application ("the Inventions") and all nonprovisional applications for United States Patent, including divisional, continuing, substitute, renewal, and reissue thereof, and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on one or more of the Inventions, and in and to all original and reissued patents or related foreign documents that have been or shall be issued on one or more of the Inventions.

*Assignment of Patent Application*  
*United States Patent Application No. 14/870,851*  
*Page 1 of 11*

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We, the Assignors, in accordance with this assignment, authorize and request the Commissioner for Patents of the United States to issue to the Assignee or the Assignee's successors and assigns, in accordance with this assignment, any and all United States Letters Patents that claim or disclose one or more of the Inventions.

We, the Assignors, further agree, for good and valuable consideration, the receipt of which is hereby acknowledged, that the Assignee or the Assignee's successors and assigns may apply for and receive foreign Letters Patents or similar such rights and, in doing so, may make a claim of priority to the Application under the provisions of any bilateral or multilateral treaty or international agreement, including but not limited to, the International Convention of 1883 and later modifications thereof ("the Paris Convention"), the Patent Cooperation Treaty, the European Patent Convention, the Eurasian Patent Convention, the agreement(s) of the African Regional Intellectual Property Organization, the agreement(s) of the Organisation Africaine de la Propriete Intellectuelle, and the agreement(s) of the Cooperation Council for the Arab States of the Gulf; and that, when requested, without charge to the Assignee or the Assignee's successors and assigns, to carry out in good faith the intent and purpose of this assignment, the Inventors, or their executors or administrators, will, for the United States and any and all foreign countries: (i) execute any and all documents related to any application for patent in the United States or a foreign country, where such application discloses one or more of the Inventions; (ii) execute any and all oaths, declarations, assignments, confirmatory assignments, powers of attorney and other papers concerning one or more of the Inventions and any and all patent applications thereon, whether in the United States or a foreign country; and (iii) perform other such acts, at the request of the Assignee or the Assignee's successors and assigns, to obtain or maintain any and all patents or related property rights in the United States or any foreign country on one or more of the Inventions or any improvements thereto and to vest title thereto in the Assignee or the Assignee's successors and assigns.

Further, we, the Assignors, agree that, without charge to the Assignee or the Assignee's successors and assigns, we will communicate to said Assignee or their representatives any facts known to us respecting said Inventions, and testify in any legal proceeding, execute all divisional, continuation, substitute, renewal, and reissue applications, and do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for the Inventions in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant the firm of Kilpatrick Townsend & Stockton LLP of 1001 West Fourth Street, Winston-Salem, North Carolina 27101-2400 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


In testimony whereof, we, the Assignors, have signed our names below on the date indicated. By such signature, we, the Assignors, acknowledge that we are of sound mind and health, that we have read and understood all terms recited above, and that we are signing this of our own free will for the purposes stated herein.

**SIGNATURES ARE ON THE FOLLOWING PAGES**

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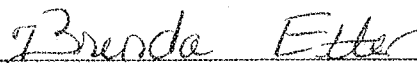
*Assignment of Patent Application  
United States Patent Application No. 14/670,851  
Page 2 of 11*

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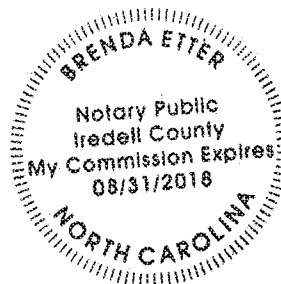
  
\_\_\_\_\_  
JAY FORDING  
01/11/16  
\_\_\_\_\_  
Date .

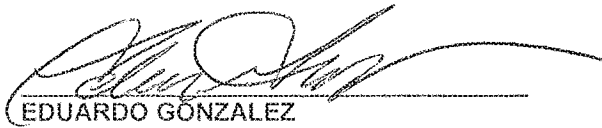
State of NC  
County of Iredell

On this 11<sup>th</sup> day of January, 2015, before me personally appeared JAY FORDING, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

  
\_\_\_\_\_  
Notary Public

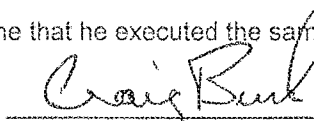
My Commission Expires: 8/31/2018

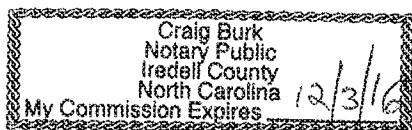


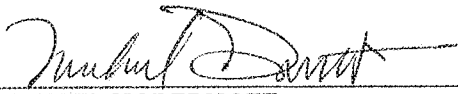
  
EDUARDO GONZALEZ  
1/13/2016  
Date

State of N Carolina  
County of Iredell

On this 13 day of JAN, 2016, before me personally appeared EDUARDO GONZALEZ, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

  
Notary Public  
My Commission Expires: Dec 3/2016



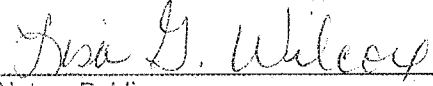
  
MICHAEL MCDERMOTT

1/11/16  
Date

State of NC

County of Iredell

On this 11 day of January, 2015, before me personally appeared MICHAEL MCDERMOTT, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

  
Notary Public

My Commission Expires: July 9, 2019

Claude E. Reynolds, Jr.  
\_\_\_\_\_  
CLAUDE E. REYNOLDS, JR.

1/10/16  
\_\_\_\_\_  
Date

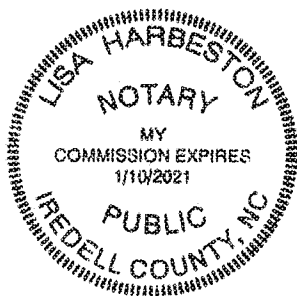
State of North Carolina

County of Iredell

On this 10<sup>th</sup> day of January, 2016, before me personally appeared CLAUDE E. REYNOLDS, JR., to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

Lisa Harbeston  
\_\_\_\_\_  
Notary Public

My Commission Expires: 01/10/21





  
\_\_\_\_\_  
JAMES TOWNSEND

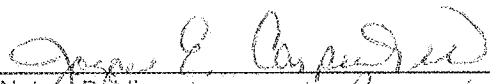
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Date

*2/4/16*

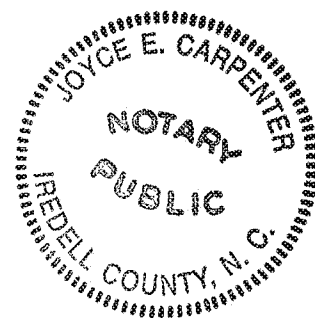
State of North Carolina

County of Redell

On this 4 day of February, 2016, before me personally appeared JAMES TOWNSEND, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

  
\_\_\_\_\_  
Notary Public *Joyce E. Carpenter*

My Commission Expires: September 6, 2018



TREVOR N. DEVINE

Date

[Signature] 1-20-16

State of North Carolina

County of Iredell

On this 20<sup>th</sup> day of January, 2016, before me personally appeared TREVOR N. DEVINE, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

Lisa Harboston  
Notary Public

My Commission Expires: 01/10/2021



  
\_\_\_\_\_  
STEVEN P. GERSTEIN

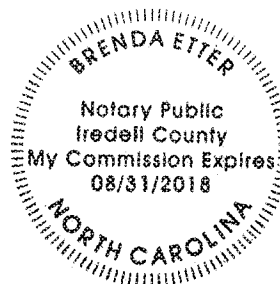
1/12/2016  
\_\_\_\_\_  
Date

State of NC  
County of Iredell

On this 12<sup>th</sup> day of January, 2016, before me personally appeared STEVEN P. GERSTEIN, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

Brenda Etter  
\_\_\_\_\_  
Notary Public

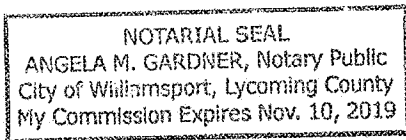
My Commission Expires: 8/31/2018



Kevin D. Fry  
KEVIN D. FRY  
1/20/2016  
Date

State of Pennsylvania  
County of Lycoming

On this 20 day of January, <sup>2016</sup>2015, before me personally appeared KEVIN D. FRY, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.



Angela M. Gardner  
Notary Public  
My Commission Expires: Nov. 10, 2019