

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4454741

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STANLEY CRUZ AGUILAR	09/08/2011
MANI AHMADI	09/08/2011
STEPHEN RUSSELL DES JARDINS	09/06/2011
ERIK FISKE	09/13/2011
MARK MEIER	09/08/2011
HORATIO QUINONES	09/08/2011
THOMAS RATLEDGE	10/03/2011
ROBERT JAMES WRIGHT	09/06/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NORDSON CORPORATION
<b>Street Address:</b>	28601 CLEMENS ROAD
<b>City:</b>	WESTLAKE
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44145
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15619717
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)861-1783
<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>	2028611500
<b>Email:</b>	patents@bakerlaw.com
<b>Correspondent Name:</b>	HUSSEIN AKHAVANNIK
<b>Address Line 1:</b>	1050 CONNECTICUT AVENUE, NW
<b>Address Line 2:</b>	SUITE 1100
<b>Address Line 4:</b>	WASHINGTON, D.C. 20036-5304
<b>ATTORNEY DOCKET NUMBER:</b>	098951.022569
<b>NAME OF SUBMITTER:</b>	HUSSEIN AKHAVANNIK
<b>SIGNATURE:</b>	/Hussein Akhavannik/

PATENT

<b>DATE SIGNED:</b>	06/12/2017
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**Total Attachments: 9**

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## **ASSIGNMENT OF INVENTION AND PATENTS THEREON**

WHEREAS, I (we), Stanley Cruz Aguilar, Mani Ahmadi, Stephen Russell des Jardins, Erik Fiske, Mark Meier, Horatio Quinones, Thomas Ratledge, Robert James Wright have invented a MODULAR JETTING DEVICES as fully disclosed in an application for Patent so entitled and filed by me (us) on August 26, 2011 as Application Serial No. 13/219,064 preparatory to obtaining Letters Patent of the United States therefor.

WHEREAS, NORDSON CORPORATION a corporation organized under the laws of the State of Ohio and having its principal office at 28601 Clemens Road, Westlake, Ohio, 44145, desires to acquire the entire interest in and to the subject matter disclosed in said applications and in and to all patents issued or to be issued thereon.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) to me (each of us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said NORDSON CORPORATION my (our) entire right, title and interest in and to the subject matter disclosed in said applications and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I (we) do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said applications and all future patents granted upon the subject matter disclosed therein to the above-named Assignee, its legal representatives and assigns.

**Full Name of First**

**or Sole Inventor:** Aguilar Stanley Cruz  
Last Name First Name Middle Name

[Signature] 9/8/11  
Signature Date

**Post Office**

**Address:** 1739 Wind River Road El Cajon, CA 92019  
Post Office Address City, State or County Zip Code

STATE OF California

COUNTY OF San Diego

On this 8<sup>th</sup> day of September, 2011 before me, Stephanie Reed, Notary Public, personally appeared Stanley Cruz Aguilar, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

[Signature]



(signature of Notary) (seal of Notary)

Full Name of

Second Inventor: Ahmadi Mani  
Last Name First Name Middle Name

Mani Ahmadi 9/18/2011  
Signature Date

Post Office

Address: 4334 Vista Verde Way Oceanside, CA 92057  
Post Office Address City, State or County Zip Code

STATE OF California

COUNTY OF San Diego

On this 8th day of September, 2011 before me, Stephanie Reed, Notary Public, personally appeared Mani Ahmadi, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Stephanie Reed (signature of Notary)



(seal of Notary)

Full Name of

Third Inventor: des Jardins Stephen Russell  
Last Name First Name Middle Name

Stephen Russell des Jardins Signature SEPT 6, 2011 Date

Post Office

Address: 729 Passiflora Avenue Encinatas, CA 92024  
Post Office Address City, State or County Zip Code

STATE OF California

COUNTY OF San Diego

On this 6<sup>th</sup> day of September, 2011 before me, Stephanie Reed, Notary Public personally appeared Stephen Russell des Jardins, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Stephanie Reed (signature of Notary)



(seal of Notary)

Full Name of

Fourth Inventor: Fiske Erik  
Last Name First Name Middle Name

[Signature] 9/13/11  
Signature Date

Post Office

Address: 5210 Eliot Place Carlsbad, CA 92008  
Post Office Address City, State or County Zip Code

STATE OF California

COUNTY OF San Diego

On this 13<sup>th</sup> day of September, 2011 before me, Stephanie Reed, Notary Public personally appeared Erik Fiske, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

[Signature]



(signature of Notary) (seal of Notary)

Full Name of

Fifth Inventor:

Meier

Mark

Last Name

First Name

Middle Name

*Mark Meier*

*9/8/11*

Signature

Date

Post Office

*1806 Hummock Lane, Encinitas CA 92024*

Address:

~~1580 Shadowridge Dr. #281 Vista, CA~~

~~92083~~

Post Office Address

City, State or County

Zip Code

STATE OF California

COUNTY OF San Diego

On this 8<sup>th</sup> day of September, 2011 before me, Stephanie Reed, Notary public personally appeared Mark Meier, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

*Stephanie Reed*

(signature of Notary) (seal of Notary)





Full Name of

Sixth Inventor: Quinones Horatio  
Last Name First Name Middle Name

*[Handwritten Signature]* 09/08/11  
Signature Date

Post Office

Address: 967 Wild Iris Court San Marcos, CA 92078  
Post Office Address City, State or County Zip Code

STATE OF California

COUNTY OF San Diego

On this 8<sup>th</sup> day of September, 2011 before me, Stephanie Reed, Notary Public personally appeared Horatio Quinones, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

*Stephanie Reed*



(signature of Notary) (seal of Notary)

**Full Name of**

**Seventh Inventor:** Ratledge Thomas  
Last Name First Name Middle Name

*Thomas Ratledge* 2011-10-03  
Signature Date

**Post Office**

**Address:** 863 Overlook Circle San Marcos, CA 92078  
Post Office Address City, State or County Zip Code

STATE OF California

COUNTY OF San Diego

On this 3<sup>rd</sup> day of October, 2011 before me, Stephanie Reed, Notary Public personally appeared Thomas Ratledge, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(ies), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

*Stephanie Reed*  
(signature of Notary)



(seal of Notary)

Full Name of

Eighth Inventor: Wright Robert James  
Last Name First Name Middle Name

Robert James Wright 9/6/11  
Signature Date

Post Office

Address: 3406 Santa Clara Way Carlsbad, CA 92010  
Post Office Address City, State or County Zip Code

STATE OF California

COUNTY OF San Diego

On this 6<sup>th</sup> day of September, 2011 before me, Stephanie Reed, Notary Public personally appeared Robert James Wright, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Stephanie Reed (signature of Notary)



(seal of Notary)