## 504356945 05/08/2017

# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                | Execution Date |
|---------------------|----------------|
| RONALD N. ABERNATHY | 09/14/2007     |
| CLIFFORD A. FOWLER  | 08/05/2008     |
| PHILIP P. MAIORCA   | 09/18/2007     |
| HORATIO QUINONES    | 09/13/2007     |
| THOMAS L. RATLEDGE  | 09/17/2007     |

#### RECEIVING PARTY DATA

| Name:           | NORDSON CORPORATION |
|-----------------|---------------------|
| Street Address: | 28601 CLEMENS ROAD  |
| City:           | WESTLAKE            |
| State/Country:  | OHIO                |
| Postal Code:    | 44145               |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15589920 |

## **CORRESPONDENCE DATA**

**Fax Number:** (202)861-1783

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.

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| Tatal Attachments C     |                      |  |
|-------------------------|----------------------|--|
| DATE SIGNED:            | 05/08/2017           |  |
| SIGNATURE:              | /Hussein Akhavannik/ |  |
| NAME OF SUBMITTER:      | HUSSEIN AKHAVANNIK   |  |
| ATTORNEY DOCKET NUMBER: | 098951.020216        |  |

Total Attachments: 6

PATENT REEL: 042284 FRAME: 0238



PATENT REEL: 042284 FRAME: 0239

Attorney Docket No. NOR-1304US

## ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, I (we), Ronald N. Abernathy, Clifford A. Fowler, Phillip P. Maiorca, Horatio Quinones, and Thomas Ratledge have invented METHODS FOR CONTINUOUSLY MOVING A FLUID DISPENSER WHILE DISPENSING AMOUNTS OF A FLUID MATERIAL as fully disclosed in an application for Patent so entitled and filed by me (us) on September 21, 2007, as Serial No. 11/859,176 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 application 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 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 application 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 application and all future patents granted upon the subject matter disclosed therein to the above-named Assignee, its legal representatives and assigns.

Page 1 of 6

ASSIGNMENT OF INVENTION AND PATENTS THEREON TITLE: Methods for Continuously Moving a Fluid Dispenser While Dispensing Amounts of a Fluid Material

PATENT REEL: 042284 FRAME: 0240

| Full Name of<br>First Inventor:  | Abernathy<br>Last Name   | Ronald<br>First Name            | N.<br>Middle Name      |
|--|--|---------------------------------|------------------------|
| - Ronald   | M. Alern<br>Signature  | 9                               | 7 - 74 - 22007<br>Date |
| Post Office<br>Address:  | 1193 Phillips Street   | Vista, CA City, State or County | 92083                  |
| STATE OF California  |  | ony, state of County            | Zip Code               |
| On this <u>i 4.16</u> day of <u>September</u> , 2007 before me personally appeared <u>Ronald IV. Abernathy</u> , to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified. |  |                                 |                        |
| STEP<br>COMM.  | PHANIE REED  AM. # 1595928  AM. # 1595928  PUBLIC-CAUFORNIA O  BEGO COUNTY O  BEF. JULY 18, 2009 = | Notary Public                   | Reel                   |

(Seal)

Full Name of

Second Inventor: Fowler Clifford Last Name

First Name Middle Name

Post Office Address

**Post Office** 

9685 Genesse Avenue #A1San Diego, CA Address:

City, State or County Zip Code

STATE OF California)

iss county of sage )

On this \_\_\_\_\_ day of \_\_Aux\_\_\_\_\_, 2008 before me personally appeared <u>Clifford A. Fowler</u> to me known and known by me to be the above-named Individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein

STEPHANIE REED COMM. # 1595928 DTARY PUBLIC-CALIFORNIA Q SAN DIĘGO COUNTY COMM. EXP. JULY 18, 2009

(Seal)

TITLE: Methods for Continuously Moving a Fluid Dispenser While Dispensing Amounts of a Fluid Material

| Full Name of<br>Second Inventor: | Maiorca  | Phillip               | P.          |
|----------------------------------|--|-----------------------|-------------|
|                                  | Last Name  | First Name            | Middle Name |
| Dhap P.                          | Man  | 9                     | 1/18/07     |
|                                  | Signature  |                       | Date        |
|                                  |  |                       |             |
| Post Office                      |  |                       |             |
| Address:                         | 15428 Harrow Lane  | Poway, CA             | 92064       |
|                                  |  | City, State or County | Zip Code    |
| STATE OF Califoria               | )  |                       |             |
| STATE OF California              | ) SS<br>))   |                       |             |
| On this day of and               |  |                       |             |
|                                  | STEPHANIE REED COMM. # 1595928 S<br>TARY PUBLIC-CALIFORNIA D<br>SAN DIEGO COUNTY O<br>MM. EXP. JULY 18, 2009 F | Notary Public         | Reed-       |

(Seal)

| Full Name of  |                                |                 |           |                        |
|---|--------------------------------|-----------------|-----------|------------------------|
| Third Inventor:   | Quinones                       | Horatio         |           |                        |
|   | Last Name                      | First Nam       | е         | Middle Name            |
|   | Shyne                          |                 |           | 09/13/07<br>Date       |
|   | Signature                      |                 |           | Date                   |
| Post Office   |                                |                 |           |                        |
| Address:  | 3355 Calle Cancuna             | <u>Carlsbad</u> |           | 92009                  |
|   | Post Office Address            |                 | City, Sta | ate or County Zip Code |
| STATE OF California   | )                              |                 |           |                        |
| COUNTY OF San Digo  | ) 88<br>' )                    |                 |           |                        |
| On this/3 day ofSeptember, 2007 before me personally appeared <u>Horatio Quinones</u> to me known and known by me to be the above-named individual who acknowledged the sign ng of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified. |                                |                 |           |                        |
|   | STEPHANIE REED COMM. # 1595928 | 11              | , .       | 1 Ca                   |

COMM. 5XP. JULY 18, 2009

Notary Public

(Seal)

| Full Name of<br>Fourth Inventor:   | Ratledge  | <u>Thomas</u> |                        |
|--|---|---------------|------------------------|
|  | Last Name   | First Name    | Middle Name            |
|  | hamo Kalledy<br>Signature   | 2.007         | - <i>69-17</i><br>Date |
| Post Office<br>Address:  | 963 Overlank Circle   | Con Hames Of  | A.A.A.W.O.             |
| Address.   | 863 Overlook Circle Post Office Address                             |               | 92078<br>Zip Code      |
| STATE OF Califyria COUNTY OF San Diego   | )<br>)ss<br>))  | •             |                        |
| On this 17th day of 2007 before me personally appeared Thomas Ratledge to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified. |   |               |                        |
| S S  | TEPHANIE REED SOMM # 1595928 REY PUBLIC CAUFORNA WIN DIEGO COUNTY O | Suphanie K.   | e. C                   |

(Seal)

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ASSIGNMENT OF INVENTION AND PATENTS THEREON
TITLE: Methods for Continuously Moving a Fluid Dispenser While Dispensing Amounts of a Fluid Material

PATENT REEL: 042284 FRAME: 0245

**RECORDED: 05/08/2017**