503896474 06/30/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3943124

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUG BITTNER	06/30/2016
JOHN D. JONES	05/12/2016
BRYAN TEECE	05/16/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15160726

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.

Phone: 2028611500

Email: patents@bakerlaw.com **HUSSEIN AKHAVANNIK Correspondent Name:**

Address Line 1: 1050 CONNECTICUT AVENUE, NW

Address Line 2: **SUITE 1100**

Address Line 4: WASHINGTON, D.C. 20036-5304

ATTORNEY DOCKET NUMBER:	098974.022120
NAME OF SUBMITTER:	HUSSEIN AKHAVANNIK
SIGNATURE:	/Hussein Akhavannik/
DATE SIGNED:	06/30/2016

Total Attachments: 4

source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed Assignment#page3.tif

> **PATENT** REEL: 039053 FRAME: 0837 503896474

source=Executed_Assignment#page4.tif

PATENT REEL: 039053 FRAME: 0838

Customer No.: 75534

ASSIGNMENT

WHEREAS I/WE,

Doug BITTNER
16 Albert Street
Auburn, MA 01501

John D. JONES 131 Alexander Street Cranston, RI 02910

Bryan TEECE 3865 North Main Street, #17 Fall River, MA 02720

respectively ("Assignor"), have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled:

PIEZOELECTRIC JETTING SYSTEM AND METHOD WITH AMPLIFICATION MECHANISM filed May 20, 2016, Application no. 15/160,726, which claims priority to U.S. Provisional Application No. 62/165,244 filed on May 22, 2015. AND WHEREAS, Nordson Corporation 28601 Clemens Road Westlake, OH 44145-1119

respectively ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and application, and in and to any and all Letters Patent of any country which may be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention and application, including the right to claim priority under 35 U.S.C. §119 and/or §120 the right to sue for past infringement, as set forth in the above mentioned application, including any continuations, continuations-in-part, divisions, reissues, reexaminations or extensions thereof, and in and to any and all patents of the United States and all foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents,

PATENT REEL: 039053 FRAME: 0839

Customer No.: 75534

Page 2 of 2

and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP 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.

This Assignment may be executed in counterparts and all such counterparts shall constitute one and the same instrument.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

6/30/2016	Doug Billner
Date /	Doug BITTNER
Date	John D. JONES
Date	Bryan TEECE

Customer No.: 75534

Page 2 of 2

and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP 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.

This Assignment may be executed in counterparts and all such counterparts shall constitute one and the same instrument.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	Doug BITTNER
5/12/2016	10/
Date	John D. JONES
Date	Bryan TEECE

Customer No.: 75534

Page 2 of 2

and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP 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.

This Assignment may be executed in counterparts and all such counterparts shall constitute one and the same instrument.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	Doug BITTNER
Date	John D. JONES
5/16/2016 Date	Bryan TEECE

PATENT REEL: 039053 FRAME: 0842

RECORDED: 06/30/2016