

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5319197

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NORDSON EFD LLC	01/10/2019
<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: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15130334
<b>Application Number:</b>	62147653
<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
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<b>Address Line 4:</b>	WASHINGTON, D.C. 20036-5304
<b>ATTORNEY DOCKET NUMBER:</b>	108336.021523
<b>NAME OF SUBMITTER:</b>	HUSSEIN AKHAVANNIK
<b>SIGNATURE:</b>	/Hussein Akhavannik/
<b>DATE SIGNED:</b>	01/10/2019
<b>Total Attachments: 3</b>	
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**ASSIGNMENT OF PATENT RIGHTS**

This Assignment of Patent Rights (the "Assignment") is executed, acknowledged and delivered by **NORDSON EFD LLC**, with its principal place of business at 40 Catamore Blvd., East Providence, Rhode Island 02914 ("Assignor"), to **NORDSON CORPORATION**, with its principal place of 28601 Clemens Road, Westlake, Ohio 44145 ("Assignee").

"Listed Patents" means the United States patent applications and United States patents listed on Exhibit A.

"Patents" means, all (a) Listed Patents; (b) patents or patent applications (i) to which any of the Listed Patents claims priority, (ii) for which any of the Listed Patents forms a basis for priority and are filed as a continuation, continuation-in-part or divisional application, and/or (iii) which are subject to a terminal disclaimer with any of the Listed Patents; (c) reissues, reexaminations, extensions, continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing categories (a) and (b); (d) foreign patents, patent applications and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models; and (e) any items in any of the foregoing categories (b) through (d) whether or not expressly listed as Listed Patents and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like.

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor agrees to and does hereby irrevocably sell, assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest (i) in and to the Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; (ii) in and to causes of action and enforcement rights for the Patents, including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patents; and (iii) to apply in any and all countries for patents, certificates of invention or other governmental grants for the Patents. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

Notwithstanding anything to the contrary herein, Assignor is executing and delivering this Assignment in accordance with and subject to all of the terms and provisions of the Agreement. In the event of any conflict between the terms of this Assignment and those of the Agreement, the terms of the Agreement will be controlling.

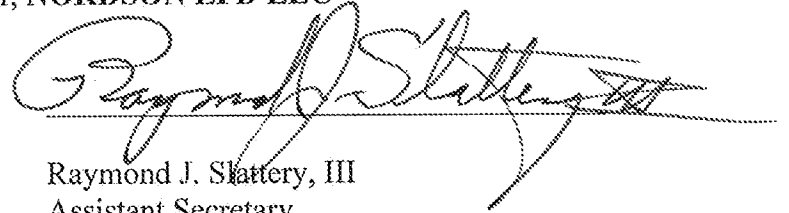
This Assignment will be binding upon and will inure to the benefit of the parties and their respective successors and assigns.

This Assignment will be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of Ohio, without giving effect to the conflict of laws rules thereof.

**IN WITNESS WHEREOF**, Assignor has caused this Assignment to be executed by its duly authorized representative.

For Assignor, **NORDSON EFD LLC**

By:

A handwritten signature in cursive script, reading "Raymond J. Slattery, III", written over a horizontal line.

Name: Raymond J. Slattery, III  
Title: Assistant Secretary  
Place: 28601 Clemens Road  
Westlake, Ohio 44145  
Date: January 10, 2019

Exhibit A

<i>Baker Reference</i>	<i>Nordson Reference</i>	<i>Country</i>	<i>Status</i>	<i>Application No</i>	<i>Application Date</i>	<i>Grant No</i>	<i>Grant Date</i>
108336.021522	19-002/US	United States	Expired	62/147,653	April 15, 2015		
108336.021523	19-002-A/US	United States	Pending	15/130,334	April 15, 2016		