PATENT ASSIGNMENT

Electronic Version v08 Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
John M Raterman	2004-11-17
Christopher R Chastine	2004-11-24
Alain Chouinard	2004-11-15
Greg A Craig	2004-11-23
David Pullagura	2004-11-23
Matthew R Tinaglia	2004-11-22

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
Nordson Corporation	28601 Clemens Road		Westlake	ОНІО	44145

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number	10976953	

CORRESPONDENCE DATA

FAX NUMBER: 5132416234

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the

official record on file at the USPTO. CUSTOMER NUMBER: 037172

NAME OF PERSON SIGNING:	Kevin G. Rooney
DATE SIGNED:	2004-12-15

Total Attachments: 8

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PATENT REEL: 015455 FRAME: 0554

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ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, I (we), John M. Raterman, Christopher R. Chastine, Alain Chouinard, Greg A. Craig, David Pullagura and

Matthew R. Tinaglia have invented a METHOD AND SYSTEM FOR SUPPORTING AND/OR ALIGNING COMONENTS OF

A LIQUID DISPENSING SYSTEM as fully disclosed in an application for Patent so entitled and filed by me (us) on

October 29, 2004, as Serial No. 10/976, 953 preparatory to obtaining Letters Patent of the United States therefor. I

hereby authorize and request any one of the attorneys of Wood, Herron & Evans, L.L.P., 441 Vine Street, 2700 Carew Tower,

Cincinnati, Ohio 45202, to insert herein the application serial number of said application when known.

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.

Full Name of			
First Inventor:	Raterman	John	M
100	Last Name	First Name	Middle Name
Ch M.	D 640,	4/11/0	
	Signature "	, , ,	Date
Post Office			
Address:	2901 Cravey Drive, N.E.	Atlanta, Georgia	30345
	Post Office Address	City, State or County	Zip Code
STATE OF Glogia)		
STATE OF Glogia COUNTY OF Fully) SS)		

On this 17 day of Move—the 2004 before me personally appeared John M. Raterman 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.

Dagmus Brillman Notary Public

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Dagmar Biellmann Notary Public, Fulton County, Georgia My Commission Expires June 25, 2008

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Second Inventor:		CH 1 . I	n	
	Chastine Last Name	Christopher First Name	R. Middle Name	
	Last Name	First Name	Widdle Name	
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	Land of	1. / Chuti	11-24-04	
	Signature	C	Date	
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Address:	226 Lamar Lane Post Office Address	Hoschton, Georgia City, State or County	30548 Zip Code	
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COUNTY OF	ham)			
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On this 21	day of day of	pefore me personally appeared <u>Chr</u>	istopher R. Chastine to me known	n and
known by me to be the a	bove-named individual who acknow	owledged the signing of the foregoing	ng instrument to be a voluntary as	et and
deed and who executed t	he same for the uses and purposes	s therein specified.		
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		Notary Public		
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			ulton County, Georgia	
			Expires June 25, 2008	
Full Name of				
Full Name of Third Inventor:	Chouinard	Alain		
	Chouinard Last Name	Alain First Name	Middle Name	
			Middle Name	
			Middle Name	
	Last Name			
			Middle Name Date	
	Last Name			
	Last Name			
Third Inventor:	Last Name Signature 4370 First Avenue	First Name Laval, Quebec, Canada	Date H7R 2X7	
Third Inventor: Post Office	Last Name Signature	First Name	Date	
Third Inventor: Post Office	Last Name Signature 4370 First Avenue	First Name Laval, Quebec, Canada	Date H7R 2X7	
Third Inventor: Post Office	Last Name Signature 4370 First Avenue Post Office Address	First Name Laval, Quebec, Canada	Date H7R 2X7	
Third Inventor: Post Office Address: STATE OF	Last Name Signature 4370 First Avenue Post Office Address)) SS	First Name Laval, Quebec, Canada	Date H7R 2X7	
Third Inventor: Post Office Address:	Last Name Signature 4370 First Avenue Post Office Address	First Name Laval, Quebec, Canada	Date H7R 2X7	
Post Office Address: STATE OF COUNTY OF	Last Name Signature 4370 First Avenue Post Office Address)) SS)	First Name Laval, Quebec, Canada City, State or County	Date H7R 2X7 Zip Code	nown by
Post Office Address: STATE OF COUNTY OF	Last Name Signature 4370 First Avenue Post Office Address)) SS) day of 2004 i	Eirst Name Laval, Quebec, Canada City, State or County pefore me personally appeared Ala	Date H7R 2X7 Zip Code In Chouinard to me known and kn	nown by I and
Post Office Address: STATE OF COUNTY OF On this me to be the above-name	Last Name Signature 4370 First Avenue Post Office Address)) SS) day of	First Name Laval, Quebec, Canada City, State or County Defore me personally appeared Alashe signing of the foregoing instrum	Date H7R 2X7 Zip Code In Chouinard to me known and kn	nown by I and
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Full Name of			4
Fourth Inventor:	Craig Last Name	Greg First Name	A. Middle Name
	NM MIC		
	/fry // Ly		11-23-04
	Signature		Date
	/		
Post Office	57 Michael Daine	Dallas, Georgia	30157
Address:	57 Michael Point Post Office Address	City, State or County	Zip Code
STATE OF GENERAL) of .		
STATE OF GOODS COUNTY OF FULL) SS		
On this <u>23</u>	day of November, 2004 to	pefore me personally appeared Gr	eg A. Craig to me known and kr
ne to be the above-name	ed individual who acknowledged t for the uses and purposes therein s	the signing of the foregoing instru	ment to be a voluntary act and de
vno executed the same i	for the uses and purposes therein s	specifica.	
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$\lambda = \frac{1}{2} T$		Notary Public	D'allerane
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		My Commission E	xpires June 25, 2008
Full Name of Fifth Inventor:	Pullagura	David	· .
Full Name of	Pullagura Last Name		Middle Name
Full Name of		David	· .
Full Name of		David	· .
Full Name of	Last Name Re Rule	David	Middle Name
Full Name of	Last Name Re Rule	David First Name	Middle Name 11/23/04 Date
Full Name of Fifth Inventor: Dad	Last Name Signature 3990 Ancroft Cricle	David First Name Norcross, Georgia	Middle Name II/23/04 Date
Full Name of Fifth Inventor: Dad Post Office Address:	Last Name Signature 3990 Ancroft Cricle Post Office Address	David First Name Norcross, Georgia City, State or County	Middle Name II/2-3/04 Date 30092 Zip Code
Full Name of Fifth Inventor: Dad Post Office Address:	Last Name Signature 3990 Ancroft Cricle Post Office Address	David First Name Norcross, Georgia City, State or County	Middle Name II/2-3/04 Date 30092 Zip Code
Full Name of Fifth Inventor: Dad Post Office Address:	Last Name Signature 3990 Ancroft Cricle Post Office Address	David First Name Norcross, Georgia City, State or County	Middle Name II/2-3/04 Date 30092 Zip Code
Full Name of Fifth Inventor: Dad Post Office Address:	Last Name Signature 3990 Ancroft Cricle Post Office Address	David First Name Norcross, Georgia City, State or County	Middle Name II/2-3/04 Date 30092 Zip Code
Full Name of Fifth Inventor: Dad Post Office Address: STATE OF Geog COUNTY OF Full On this 23	Last Name R Signature 3990 Ancroft Cricle Post Office Address)) SS) Aday of Wave by 2004 By	David First Name Norcross, Georgia City, State or County	Middle Name II/23/04 Date 30092 Zip Code
Full Name of Fifth Inventor: Dad Post Office Address: STATE OF Geogram COUNTY OF Full On this 23 me to be the above-name	Last Name R Signature 3990 Ancroft Cricle Post Office Address)) SS) Aday of Wave by 2004 By	David First Name Norcross, Georgia City, State or County Defore me personally appeared David	Middle Name II/23/04 Date 30092 Zip Code
Full Name of Fifth Inventor: Dad Post Office Address: STATE OF Geogram COUNTY OF Full On this 23 me to be the above-name	Last Name Signature 3990 Ancroft Cricle Post Office Address 1) SS day of Namby, 2004 Red individual who acknowledged to	David First Name Norcross, Georgia City, State or County Defore me personally appeared Dayle signing of the foregoing instruits specified.	Middle Name II/23/04 Date 30092 Zip Code Avid Pullagura to me known and ment to be a voluntary act and defined to the second
Full Name of Fifth Inventor: Dad Post Office Address: STATE OF Geogram COUNTY OF Full On this 23 me to be the above-name	Last Name Signature 3990 Ancroft Cricle Post Office Address 1) SS day of Namby, 2004 Red individual who acknowledged to	David First Name Norcross, Georgia City, State or County Defore me personally appeared Dayle signing of the foregoing instruits specified.	Middle Name II/23/04 Date 30092 Zip Code

Dagmar Biellmann Notary Public, Fulton County, Georgia My Commission Expires June 25, 2008

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Full Name of			
Sixth Inventor:	Tinaglia	Matthew	R.
	Last Name	First Name	Middle Name
	Well of	E.	11/22/04
,	Signature		Date
Post Office Address:	255 Merrymount Court	Suwanee, Georgia	30024
	Post Office Address	City, State or County	Zip Code
STATE OF Geogra COUNTY OF Fulto			hew R. Tinaglia to me known and
known by me to be the above	-named individual who acknowled me for the uses and purposes there	ged the signing of the foregoin	hew R. 11nag11a to me known and g instrument to be a voluntary act and
		Notary Public Public	Brethen
(Seal)		Notary Public.	ar Biellmann Futton County, Georgia Expires June 25, 2008

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ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, I (we), John M. Raterman, Christopher R. Chastine, Alain Chouinard, Greg A. Craig, David Pullagura and Matthew R. Tinaglia have invented a METHOD AND SYSTEM FOR SUPPORTING AND/OR ALIGNING COMONENTS OF A LIQUID DISPENSING SYSTEM as fully disclosed in an application for Patent so entitled and filed by me (us) on October 29, 2004, as Serial No. 10/976,953 preparatory to obtaining Letters Patent of the United States therefor. I hereby authorize and request any one of the attorneys of Wood, Herron & Evans, L.L.P., 441 Vine Street, 2700 Carew Tower, Cincinnati, Ohio 45202, to insert herein the application serial number of said application when known.

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.

Full Name of	_		3.6	
First Inventor:	Raterman Last Name	John First Name	M. Middle Name	
	Last Name	riist ivaille	windure ivanic	
	Signature		Date	
Post Office Address:	2901 Cravey Drive, N.E.	Atlanta, Georgia	30345	
Address.	Post Office Address	City, State or County	Zip Code	
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Second Inventor:	Chastine Last Name	Christopher First Name	Middle Name
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	Signature		Date
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hird Inventor:	<u>Chouinard</u> Last Name	Alain First Name	Middle Name
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ddress:	4370 First Avenue	Laval, Quebec, Canada	H7R 2X7
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Full Name of Fourth Inventor:	Craig	Greg	Α.	
	Last Name	First Name	Middle Name	
	Signature		Date	
Post Office Address:	57 Michael Point	Dallas, Georgia	30157	
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Full Name of Fifth Inventor:	Pullagura	David		
	Last Name	First Name	Middle Name	
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Address:	3990 Ancroft Cricle	Norcross, Georgia	30092	
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Full Name of			D
Sixth Inventor:	Tinaglia Last Name	Matthew First Name	R. Middle Name
	Signature		Date
Post Office Address:	255 Merrymount Court Post Office Address	Suwanee, Georgia City, State or County	30024 Zip Code
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