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OMB No. 0651-0011 (exp. 4/94)

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To The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):
David Pullagura et al. and Laurence B. SaidmanAdditional name(s) of conveying party(ies) attached? ____ Yes XX No2. Nature of conveyance:
XX Assignment ____ Merger
____ Security Agreement ____ Change of Name
____ Other _____Execution Date: May 25, 2000

3. Name and address of receiving party(ies):

Name: Nordson Corporation

Internal Address:

Street Address: 28601 Clemens Road

City: Westlake

State: OH Zip: 44145

Additional name(s) & address(es) attached? ____ Yes XX No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/571,601

B. Patent No.(s)

Additional numbers attached? ____ Yes XX No5. Name and address of party to whom
correspondence concerning document
should be mailed:Name: Kevin G. RooneyInternal Address: Wood, Herron & Evans, L.L.P.
2700 Carew TowerStreet Address: 441 Vine StreetCity: Cincinnati State: Ohio Zip: 452026. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 3.41):\$40.00

XX EnclosedXX Authorized to be charged to deposit account
If deficiencies occur

8. Deposit Account Number: 23-3000

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document.*Kevin G. Rooney, Reg. No. 36,330

Signature

July 28, 2000

Date

Total number of pages comprising cover sheet, attachments, and document(s): 4

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 011015 FRAME: 0496

ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, I (we), David Pullagura and Laurence B. Saidman have invented a MODULE FOR DISPENSING CONTROLLED PATTERNS OF LIQUID MATERIAL AND A NOZZLE HAVING AN ASYMMETRIC LIQUID DISCHARGE ORIFICE as fully disclosed in an application for Patent so entitled and (check one)

- ☐ executed by me (us) on even date herewith
☒ filed by me (us) on May 15, 2000, as Serial No. _____ preparatory to obtaining Letters Patent of the United States therefor; and

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 Inventor:	<u>Pullagura</u>	<u>David</u>	
	Last Name	First Name	Middle Name
	<u>David Pullagura</u>		<u>5/25/00</u>
	Signature		Date

Post Office Address:	<u>3990 Ancroft Circle</u>	<u>Norcross, Georgia</u>	<u>30092</u>
	Post Office Address	City, State or County	Zip Code

STATE Georgia)
COUNTY Gwinnett) SS

On this 25 day of May, 2000 before me personally appeared David Pullagura 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.

Diana Trivisonno
Notary Public

**Notary Public, Gwinnett County, Georgia
My Commission Expires April 6, 2002**

(SEAL)

Full Name of

Second Inventor:

Saidman

Laurence

B.

Last Name

First Name

Middle Name

Laurence B. Saidman

5/25/2000

Signature

Date

Post Office

Address:

3845 Bridlewood Drive

Duluth, Georgia

30096

Post Office Address

City, State or County

Zip Code

STATE *Georgia*)
COUNTY *Gwinnett*) SS

On this 25 day of May, 2000 before me personally appeared Laurence B. Saidman 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.

Diana T. Tinsley
Notary Public

(SEAL)

Notary Public, Gwinnett County, Georgia
My Commission Expires April 6, 2002