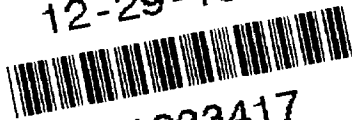


12-29-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 11694/04046

MRD 12-15-99



101233417

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

OPR/FINANCE

DEC 15 AM 10:57

RECEIVED

1. Name of conveying party(ies):

James C. Smith
James W. Messerly

Additional names of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 9-3-99

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

Name: Nordson Corporation

Internal Address:

An Ohio corporation

Street Address:

28601 Clemens Road

City Westlake

State Ohio Zip 44145-1119

Additional name(s) & address(es) attached? ☐ yes ☒ no

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

Title: **NON-CONTACT LIQUID MATERIAL DISPENSER HAVING A BELLOWS VALVE ASSEMBLY AND METHOD FOR EJECTING LIQUID MATERIAL ONTO A SUBSTRATE**

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

A. Patent Application No(s).

B. Patent No(s).

09/406,178 Filed on August 27, 1999

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Leonard L. Lewis (Reg. No. 31,176)
Calfee, Halter & Griswold LLP
1400 McDonald Investment Center
800 Superior Avenue
Cleveland, Ohio 44114-2688

Certificate of Mailing Under 37 CFR 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on 12-13-99, 1999.

Cynthia L. Kemery

Cynthia L. Kemery

(Name of Person Mailing paper)

Date

12-13-99

6. Total number of applications and patents involved: 1

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

☒ Enclosed

☐ Authorized to be charged to deposit account

☐ Total fee due

☒ Any deficiencies in the enclosed fees

8. Deposit account number:

03-0172

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

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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.

Leonard L. Lewis

Name of Person Signing

Reg. No. 31,176

Tel: 216 622-8683

[Signature]
Signature

12-13-99
Date

Total number of pages comprising transmittal: _____

12/28/1999 INQUIRY 00000259 09406178

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ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, we, the undersigned, James C. Smith, 442 Rock Creek Run, Amherst, Ohio 44001 and James W. Messerly, 2090 Willowdale Drive, Stow, Ohio 44224, hereby assign all right, title and interest to Nordson Corporation, an Ohio corporation, having a place of business at 28601 Clemens Road, Westlake, Ohio 44145-1119, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in

NON-CONTACT LIQUID MATERIAL DISPENSER HAVING A BELLOWS VALVE ASSEMBLY AND METHOD FOR EJECTING LIQUID MATERIAL ONTO A SUBSTRATE

set forth in the application for United States Letters Patent executed herewith (Attorney Docket Number 11694/04046, and Express Mail Label No. EL085318446US), Serial Number 09/406,178 filed on August 27, 1999, any and all other applications for Letters Patent on said inventions in the United States and in all countries foreign to the United States, including but not limited to all divisional, renewal, substitute, continuation, PCT and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said

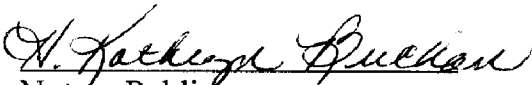
assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and the testify in any proceedings relating to said inventions, patent applications and Letters Patent.

We hereby instruct our attorneys to enter the corresponding serial number of the referenced patent application prior to recording this assignment, to have the same effect as if entered prior to our signature.

Date: 9/3/99 
James C. Smith

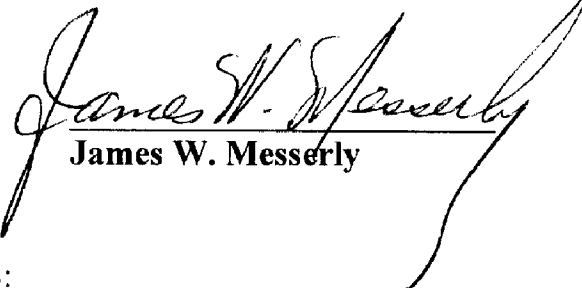
State of Ohio)
County of Cuyahoga) SS:

On this 3rd day of September, 1999, personally appeared before me James C. Smith, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 9-3-99 
Notary Public

N. KATHRYN BUCHAN, Notary Public
STATE OF OHIO
Resident Lorain County
My Commission Expires March 14, 2004

Date: 9/3/99


James W. Messerly

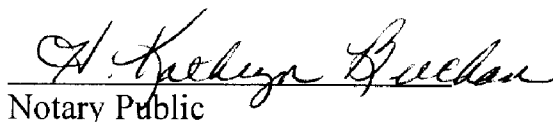
State of Ohio)

County of Cuyahoga)

SS:

On this 3rd day of September, 1999, personally appeared before me James W. Messerly, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 9-3-99


Notary Public

H. KATHRYN BUCHAN, Notary Public
STATE OF OHIO
Resident Lorain County
My Commission Expires March 14, 2004