07-02-2003 R FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 1-31-92 102487728 To the Honorable Commissioner of Pate.... original documents or copy thereof. 2. Name and address of receiving party(ies): 1.Name of conveying party(ies): David R. Jeter 6-36-03 Name: NORDSON CORPORATION Daniel J. Suckow Robert J. Woodlief Internal Address: Shane Adam Blyer Additional name(s) of conveying party(ies) attached?

Yes
No 3. Nature of conveyance: Street Address: <u>28601 Clemens Road</u> ☐ Change of Name ☐ Security Agreement Other_ ___ ... City: Westlake State: OH ZIP: 44145 Additional name(s) and address(es) attached? ☐ Yes ☒ No Execution Date: 12/26/02; 1/10/03; 1/13/03; 1/14/03 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: B. Patent No.(s) A. Patent Application No.(s) 29/170.111 Additional numbers attached? ☐ Yes 🖾 No 6. Total number of applications and patents involved: ___ 5. Name and address of party to whom correspondence concerning document should be mailed: Name: NORDSON CORPORATION 7. Total Fee (37 CFR 3.41).....\$ 40.00 Internal Address: Patent Department

☐ Enclosed

8. Deposit Account number:

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

7/02/2003 LMUELLER 00000034 141205 29170111

City: Westlake State: OH ZIP: 44145

Street Address: 28601 Clemens Road

40.00 DA 1 FC:8021

DO NOT USE THIS SPACE

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.

Raymond J. Slattery III (Reg. No. 32,108) Name of Person Signing

Total number of pages comprising cover sheet: ____4_

OMB No. 0651-011 (exp. 4/94)

PATENT REEL: 014219 FRAME: 0517

ASSIGNMENT OF INVENTION AND PATENTS THEREON

	WHEREAS, I (we), David R. Jeter, Daniel J. Suckow, Robert J. Woodlief, and Shane Adam Blyer have						
invented an Apparatus for Melting Thermoplastic Materials as fully disclosed in an application for Patent so entitled							
and (ch	eck one)					
	⊠ file	ecuted by me (us) on even date ed by me (us) on October 31, tters Patent of the United States	2002 , as Serial No	o. <u>29/170,111</u> pre	paratory to obtain	ning	
	WHER	EAS, NORDSON CORPORA	TION a corporation	on organized unde	r the laws of the	State of Ohio and	
having	its princ	cipal office at 28601 Clemens l	Road, Westlake, O	hio, 44145, desire	s to acquire the e	ntire interest in and	
to the s	ubject m	natter disclosed in said applicati	ion and in and to al	l patents issued or	to be issued there	on.	
	NOW,	THEREFORE, to all whom it i	may concern, be it	known that, for an	d in consideration	of the sum of One	
Dollar	to me (each of us) in hand paid, and	l other good and v	aluable considera	tion, the receipt	of which is hereby	
acknow	vledged,	I (we) have sold, assigned an	d transferred, and	by these presents	do sell, assign ar	nd transfer unto the	
said NO	ORDSO	N CORPORATION my (our)	entire right, title ar	nd interest in and t	o the subject matt	er disclosed in said	
applica	tion and	l in and to all Letters Patent De	omestic and Foreig	n 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	e the Letters Patent granted or	n said application	and all future pate	ents granted upor	the subject matter	
disclos	ed there	in to the above-named Assigne	e, its legal represer	tatives and assigns	S.		
	I (we) l	hereby authorize Nordson Corp	poration to insert in	this Assignment	the Serial Numbe	r and Filing Date of	
the abo	ve-iden	tified application when known.					
Full N		Jeter	David		R.		
of Inve	entor:_		First Name	A	Middle Name		
7) an	Signature			AC PI	ν 03 Date	
Post C		4500 D. 1. C. 1. D.		Wandstook Goor	rio.	30188	
Addre	ess:	1508 Rocky Creek Drive Post Office Address		Woodstock, Geor City, State or Country		Zip Code	
				•			
STATE of GEORGIA)) SS: COUNTY of GWINNETT)							
		On this 14 day of Ja	maz,	3 𝑛 . 𝔞 . 200 ₡ , before me p	personally appeare	ed David R. Jeter 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.							

Dagmar Biellmann

Notary Public, Fulton County, Georgia My Commission Expires June 14, 2004

PATENT

REEL: 014219 FRAME: 0518

Full Name o	f Second						
Inventor:	Suckow	Daniel	J.				
//	Last Name	First Name	Middle Na	me			
Man	niel 1	16-	,	1/12/02			
11/1201	si	gnature		Date			
		6		Daic			
Post Office							
Address:	9645 Knollcrest	Blvd.	Alpharetta, Georgia	30022			
	Post Office Address		City, State or Country	Zip Code			
STATE of	GEORGIA)						
COINTY - C) SS:						
JUUNIY of	GWINNETT)						
	On this /3 day	of Januar	3 0.13. 2, 200¢, before me personally	appeared Daniel J. Suckow			
o me known			individual who acknowledged the				
		=" = " = " = " = " = " = " = " = " = "	d the same for the uses and purpo	• • • •			
				n 1.			
			Vagnas!	ne Muran			
			Notary Public				
SEAL)			Dagma	r Biellmann			
,			Notary Public, Fulton County, Georgia				
			My Commission	Expires June 14, 2004			
Full Name of Inventor:	Woodlief Last Name	Robert First Name	J. Middle Nai	me			
R	but of Won	odling	1-10-03				
	Sig	gnature		Date			
Post Office							
Address:	430 Shore Drive		Suwanee, Georgia	30024			
1001 0001	Post Office Address		City, State or Country	Zip Code			
				•			
STATE of	GEORGIA)						
) SS:						
COUNTY of	GWINNETT)						
	On this 10 th	ay of Januce	3 o.13. 2002, before me per	sonally appeared Robert J.			
Woodlief to			re-named individual who ackno				
		•	who executed the same for the	• • •			
specified.							
			Dagun es	Brellman			
			Notary Public				
(SEAL)			ס	agmar Bielimann			

Notary Public, Fulton County, Georgia My Commission Expires June 14, 2004

PATENT REEL: 014219 FRAME: 0519

Full Name of Inventor:	Blyer	Shane	Adam	
	Last Name	First-Name	Middle Name	
).	2-26-02
, succession of the same of th	Signat	ure		Date
Post Office				
Address:	99 Cooper Lake Ro	ad	Mableton, Georgia	30126
	Post Office Address		City, State or Country	Zip Code
STATE of COUNTY of		316-70-4660		
	On this 26 day of	f December	, 2002, before me person	nally appeared Shane Adam
			named individual who ackno	
foregoing ins	strument to be a volunta	ry act and deed and v	who executed the same for th	e uses and purposes therein
specified.				
			made S. V	Masia.

Notary Public

RECORDED: 06/30/2003

(SEAL)

PATENT REEL: 014219 FRAME: 0520