A/D 581-40

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	1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
	SERNIUCK, Nicholas KNAPP, John BOUTI, Abdeslam JENKO, Edward J.	Name: Husky Injection Molding Systems Ltd. Internal Address:		
	Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s):	Street Address:		
	Execution Date(s) 31 January 2003 Assignment Merger	500 Queen Street South		
	Security Agreement Change of Name	City: Bolton		
	Joint Research Agreement Government Interest Assignment	State: Ontario		
	Executive Order 9424, Confirmatory License	Country: Canada Zip: L7E 5S5		
	Other	Additional name(s) & address(es) attached? Yes Vo		
	4. Application or patent number(s): A. Patent Application No.(s) PCT/CA03/00143	document is being filed together with a new application. B. Patent No.(s)		
07/26/2905				
06 FC:8021	(40.00 PA) Additional numbers att	ached? ☐ Yes ✓ No		
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: ONE		
	Name:Sandra Hackenberg	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
	Internal Address:	Authorized to be charged by credit card		
	Husky Injection Molding Systems Ltd.	✓ Authorized to be charged to deposit account Enclosed		
	Street Address:	None required (government interest not affecting title)		
	City: Bolton	8. Payment Information		
	State: Ontario Zip:L7E 5S5	a. Credit Card Last 4 Numbers Expiration Date		
	Phone Number: 905-951-5000 x 2477	b. Deposit Account Number 50-1388		
	Fax Number: 905-951-5322	Authorized User Name Richard J. Musgrave		
	Email Address: shackenberg@husky.ca			
	9. Signature: Jichard J. Mushave Signature Richard J. Musgrave, Esquire	Total number of pages including cover 3		
	Name of Person Signing	sheet, attachments, and documents:		

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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ASSIGNMENT HUSKY INJECTION MOLDING SYSTEMS LIMITED

For value received, I (we) the undersigned whose full post office addresses is (are) adjacent my (our) name(s), hereby sell, assign and transfer to HUSKY INJECTION MOLDING SYSTEMS LIMITED the address of whose registered office is: 500 Queen Street South, Bolton L7E 5S5, Ontario, Canada (hereinafter called "Husky"), its successors, assigns and legal representatives, the entire right, title and interest, including all rights under and in any and all international conventions and treaties, for all countries in and to certain inventions relating to Hot Runner Manifold System identified in Husky's records as H-676 and/or

set forth in an application for letters patent of the United States	of America,
executed on, or	
filed on, Serial Number/	
set forth in an international patent application,	
x executed on 31 Jan 2003, or	
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and all rights and privileges under and in any and all letters patent in a derived from said inventions, with the intent that any such pate continuation or reissue) or other intellectual property protection shall benefit or to its successors, assigns or legal representatives.	nt (including any division, extension,
I (we) undertake without charge to Husky but at its request and expense and do all reasonable acts to enable Husky, its successors, assigns a maintain patent or other intellectual property protection for said invent title thereto in Husky, its successors, assigns or legal representatives.	nd legal representatives to procure and
I (we) agree that a copy of this Assignment shall be deemed a further assignment, consent or the like which may be required in any country to proof of the irrevocable right of Husky, its successors, assigns and maintain patent or other intellectual property protection for said investigation to be a self-of associated property.	for any purpose and more particularly in legal representatives to apply for and
Claim the benefit of any right or priority. Date: 51- Jan - 200 } Signature of 1 st Inventor/Assignor (above) (dd-mmm-yyyy)	De Jote
Signature of 1 st Inventor/Assignor (above) (dd-mmm-yyyy)	Witness Signature (above line)
Nicholas Serniuk	Steven Kotula
Full Name of 1 st Inventor/Assignor (print above line) 1 st Inventor's Residential Address (print): 288 Kingsmill Crescent, Oak	Witness Name (print above) ville, Ontario L6M 3X9 Canada
Date: 31 Jaju 2003 Signature of 2 nd Inventor/Assignor (above) (dd-mmm-yyyy)	Witness Signature (above line)
John Knapp	Steven Kotula
Full Name of 2 nd Inventor/Assignor (print above line)	Witness Name (print above)
2 nd Inventor's Residential Address (print): 600 Route 108 North, Jeffers	onville, Vermont 05464 USA
	·· ···

[X] Check Box if additional Assignors appear on attached Page(s).

PATENT REEL: 017511 FRAME: 0179

Abdeslam Bouti
Full Name of 3rd Inventor/Assignor (above)

Date: 31 Cm. 200 Witness Signature (above line)

Steven Kotula
Witness Name (print above)

Witness Name (print above)

3rd Inventor's Residential Address (print): 81 Comstock Road, Swanton, Vermont 05488 USA

Signature of Arm Inventor/Assignor (above)

Date: 131/01/2003

Witness Signature (above line)

Edward Jenko
Full Name of 4th Inventor/Assignor (print above line)

Full Name of 4th Inventor/Assignor (print above line) Witness Name (print above)
3rd Inventor's Residential Address (print): 100 Lamore Road, Essex Junction, Vermont 05452 USA

Steven Kotula

PATENT

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ASSIGNMENT HUSKY INJECTION MOLDING SYSTEMS LIMITED

For value received, I (we) the undersigned whose full post office addresses is (are) adjacent my (our) name(s), hereby sell, assign and transfer to HUSKY INJECTION MOLDING SYSTEMS LIMITED the address of whose registered office is: 500 Queen Street South, Bolton L7E 5S5, Ontario, Canada (hereinafter called "Husky"), its successors, assigns and legal representatives, the entire right, title and interest, including all rights under and in any and all international conventions and treaties, for all countries in and to certain inventions relating to Hot Runner Manifold System identified in Husky's records as H-676 and/or

set forth in an application for letters patent of the United States	s of America,
executed on, or	
filed on, Serial Number/	,
set forth in an international patent application,	
executed on 31 Jan 2003, or	
filed on, Serial Number	,
and all rights and privileges under and in any and all letters patent in a derived from said inventions, with the intent that any such pate continuation or reissue) or other intellectual property protection shabenefit or to its successors, assigns or legal representatives.	ent (including any division, extension,
I (we) undertake without charge to Husky but at its request and expense and do all reasonable acts to enable Husky, its successors, assigns a maintain patent or other intellectual property protection for said inventitle thereto in Husky, its successors, assigns or legal representatives.	and legal representatives to procure and
I (we) agree that a copy of this Assignment shall be deemed a final assignment, consent or the like which may be required in any country proof of the irrevocable right of Husky, its successors, assigns and maintain patent or other intellectual property protection for said invocable the benefit of any right or priority. Date: 31-346-2003 Signature of 1st Inventor/Assignor (above)	for any purpose and more particularly in l legal representatives to apply for and entions in any and all countries and to
Nicholas Serniuk	Steven Kotula
Full Name of 1 st Inventor/Assignor (print above line) 1 st Inventor's Residential Address (print): 288 Kingsmill Crescent, Oak	Witness Name (print above) ville, Ontario L6M 3X9 Canada
Signature of 2 nd Inventor/Assignor (above) Output Date: 3i Jan 2003 (dd-mmm-yyyy)	Witness Signature (above line)
	,
John Knapp	Steven Kotula
Full Name of 2 nd Inventor/Assignor (print above line)	Witness Name (print above)
2 nd Inventor's Residential Address (print): 600 Route 108 North, Jeffer:	sonville, Vermont 05464 USA

[X] Check Box if additional Assignors appear on attached Page(s).

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Husky Case Reference: H-676

Witness Signature (above line) Steven Kotula Abdeslam Bouti Full Name of 3rd Inventor/Assignor (print above line) Witness Name (print above) 3rd Inventor's Residential Address (print): 81 Comstock Road, Swanton, Vermont 05488 USA Witness Signature (above line) Steven Kotula Edward Jenko Full Name of 4th Inventor/Assignor (print above line) Witness Name (print above)

3rd Inventor's Residential Address (print): 100 Lamore Road, Essex Junction, Vermont 05452 USA

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RECORDED: 07/19/2005 REEL: 017511 FRAME: 0182