	<u> </u>	2-04-1999	
FORM PTO-1619A  Expires 06/30/99  OMB 0651-0027			
MPI		100957733	
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Conveying Party(ies)	Mark if additional names of conveying p		
Name (line 1) Joy MM Delaware		Month Day Year  1 12 99	
Name (line 2)		Execution Date	
Second Party Name (line 1)		Month Day Year	
Name (line 2)			
Receiving Party  Mark if additional names of receiving parties attached			
Name (line 1) New Philadelphia Fa	n Company	If document to be recorded is an assignment and the	
Name (line 2) 338 South Broadway	338 South Broadway  receiving party is not domiciled in the United States, an appointment of a domestic		
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Public burden reporting for this collection of information is estimated to gathering the data needed to complete the Cover Sheet. Send component D.C. 20221 and to the Office of Information and Regulatory Affairs, Office (	ts regarding this burden estimate to the U.S. Patent and Trademark	Office, Chief Information Officer, Washington, 0027), Washington, D.C. 20503. See OMB	

Budget Package 0651-0027, Paterii and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCU Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Paterits and Trademarks, Box Assignments, Washington, D.C. 20231

> PATENT REEL: 9733 FRAME: 0152

FORM PTO Expires 06/30/99 OMB 0651-0027	Page PECE VE Paent and Trademark Office PATENT	
Correspond	ent Name and Address  Area Code and Telephoried Number 99412) 355-8303	
Name	Thomas J. Edgington	
Address (line 1)	Kirkpatrick & Lockhart LLP	
Address (line 2)	1500 Oliver Building	
Address (line 3)	Pittsburgh, PA 15222	
Address (line 4)		
Pages Enter the total number of pages of the attached conveyance document including any attachments.		
Application	Number(s) Mark if additional numbers attached	
	he Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).	
	ent Application Number(s) Patent Number(s)	
08/73092	<u> </u>	
L		
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was Month Day Year signed by the first named executing inventor.		
Patent Coop	peration Treaty (PCT)	
Ente	er PCT application number	
	/ if a U.S. Application Number PCT PCT PCT	
	not been assigned.	
Number of Properties  Enter the total number of properties involved. # 1		
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00		
Method of Payment: Enclosed x Deposit Account Deposit Account		
(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 11-1110		
	Authorization to charge additional fees: Yes X No	
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. Charges to deposit account are authorized, as indicated herein.		
Thomas J	J. Edgington Shonas, Edginto 1-29-99	
Name	of Person Signing Date Date	

PATENT REEL: 9733 FRAME: 0153

## <u>ASSIGNMENT</u>

WHEREAS, Joy MM Delaware, a Delaware corporation ("Assignor") and subsidiary of Harnischfeger Industries, Inc. ("Harnischfeger") has acquired exclusive right, title and interest in and to the invention entitled Fan Inlet Flow Controller, also known as Radially Attenuated Inlet Device, including the Patent Applications therefor identified in Schedule A hereto, (collectively the "Assets") pursuant to an Assignment of Invention Agreement dated January 7, 1997 and recorded in the records of the United States Patent and Trademark Office in Reel 8378 and Frame 0512;

WHEREAS, pursuant to the terms of a Stock Purchase Agreement dated March 21, 1997 between Joy Technologies, Inc. a Delaware corporation and subsidiary of Harnischfeger, Howden Group America, Inc. a Delaware corporation and New Philadelphia Fan Company, a Delaware corporation ("Assignee"), Assignor assigned its entire right, title and interest in and to the Assets to Assignee; and

WHEREAS, the Assignee and Assignor desire to memorialize said assignment of the Assets in the present document for recording said assignment in the United States Patent and Trademark Office;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to it paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said Assignor by these presents does hereby sell, assign and transfer unto the said Assignee its successors and assigns, its whole right, title and interest in and to the Assets, including any legal equivalent thereof in a foreign country, including the right to claim priority and in and to, all Letters Patent to be obtained therefor or any continuation, division, renewal, reissue, reexamination or substitute thereof and to all rights and

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claims for damages and benefits arising because of past infringement or misappropriation of the Assets, effective as of March 21, 1997.

JOY MM DELAWARE, INC.

By:

Name: John P. Garniewski, Jr.

Title: President

## SCHEDULE A

U.S. Patent Application Serial No. 08/730,925, entitled Fan Inlet Flow Controller, Filed October 18, 1996;

Korean Patent Application Serial No. 50516/1996, entitled Fan Inlet Flow Controller, Filed October 25, 1996; and

Patent Cooperation Treaty Application Serial No. PCT/US97/18429, entitled Fan Inlet Flow Controller, filed October 15, 1997.

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**RECORDED: 01/29/1999** 

PATENT REEL: 9733 FRAME: 0156