Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450	RECORDATION FORM PATENTS O		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				
P.O. Box 1450 Alexandria, VA 22313-1450		Atto	orney Docket No.	137556			
Please record the attached document.							
Total number of pages including cover sh	heet, attachments, and docume	en: <u>2</u>					
1. A. Name of conveying parties:		2. A. Name and	address of receiving	ng party:			
(1) Jussi HELLMAN (2) Jari LIIMATAINEN		METSO MINERALS, INC. FABIANINKATU 9 A FI-00101 HELSINKI FINLAND					
B. Additional name(s) of conveying	ing party(ies) attached? ☐ Yes ☑ No						
3. A. Nature of conveyance: Assignment	☐ Merger	B. Additions	ıl name(s) & addres ∐Y	ss(es) attached? 'es 🛛 No			
Security Agreement	_						
Other							
B. Execution Date: (1) & (2) A	<u>August 7, 2008</u>						
4. A. Patent Application No. 12/08	37,733	B. Patent No	o.(s)				
	Additional numbers attac	hed? 🗌 Yes 🛭 No					
C. Title of Application: METHOD FOR MANUFACTURING A MULTIMATERIAL COMPONENT OR CONSTRUCTION							
Name and address of party to whom concerning document should be man		6. Total number of applications and patents involved: 1					
Name: <u>James A. Oliff</u>	_			count No. 15-0461 the ne amount of \$40.00.			
Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787		Credit any overpayment or charge any underpayment to deposit account number 15-0461.					
9. Statement and signature. To the best of my knowledge and be original document. James A. Oliff Registrati	elief, the foregoing information		and any attached c September 19, 200				
	on No. 52,917						

PATENT REEL: 021562 FRAME: 0816

RECORDED: 09/19/2008

ASSIGNMENT

		(1)	Jussi Hellman		(5)				
(1-8)	Insert Name(s) of Inventor(s)	(2)	Jari Liimatainen	((6)				
		(3)			(7)				
		(4)	. <u> </u>		(8)				
		to each	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to						
(9)	Insert Name of Assignee	(9)	Metso Minerals, Inc.						
(10)	Assignee Insert Address of Assignee	(10)							
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-previsional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as							
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	METHOD FOR	MANUFACTURING	A MILL TIMAT	ERIAL COMPON	IENT OR		
			METHOD FOR CONSTRUCTION	MANUFAC TURING	A MOLIMATI	ERIAL COMPON	ENT OR		
		(Attor	ney Docket No.	137556)		
	replication (value)	,	for which the undersigned has (have) executed an application for patent in the United States of America						
		on eve	n date herewith or						
(12)	Insert Date of Signing of	(12)	on						
	Application								
(13)	Alternative	(13)	U.S. application Seri	al Number12/	087,733				
	Identification for filed applications	filed	September	19, 2008					
any app the Assi claims of reexami from sai herein a binding	ions and patents as the Assig 2) Each undersigned agrees lication or continuation or di- gnee in every way possible in 3) Each undersigned agrees r provisions of the Internatio 4) Each undersigned agrees nation a grant of a valid Unit 5) Each undersigned author d application(s) to the said Assigned, and that he has not a on him and his heirs, success 6) Each undersigned hereby ation that may be necessary ion of this document.	to exectivision the obtaining to execute to perfect the State rizes and assignee, executed sors, assignes,	ute all papers necessary ereof, or any patent or ng evidence and going ute all papers and docu- vention for Protection orm all affirmative acts is patent to the Assigned requests the Director as Assignee of the entry and will not execute, igns and legal represer the firm of Outer & B	reissue application bat forward with such interests and perform an of Industrial Property of which may be necessive. The property of the property of Patents to issue any tire interest, and cover any agreements in contatives. ERRIDGE, PLC the power.	sed thereon, for the in erference. y act which may be nor similar agreements ary to obtain, maintain and all Letters Patentants that he has full ruffict herewith, and agver to insert on this as	ecessary in connecti n or confirm by reiss ts of the United Stat ight to convey the er trees that this assign	perate with ion with sue or tes resulting atire interest ament is		
	In witness whereof, execut		ie undersigned on the	date(s) opposite the	undersigned name(s).			
Date	7.8.2		Inventor S	ignature	4 4 5	Jussi Hellman	(SEAL)		
Date	7.8.0	7 L	Inventor S	ignature		Jari Liimatainen	(SEAL)		
Date			Inventor S	ignature		_ 			
Date	<u></u>		Inventor S	ignature			(SEAL)		
Date			Inventor S	ignature			(SEAL)		
Date			Inventor S	ignature	-		(SEAL)		
Date			Inventor S	ignature	· · · · · · · · · · · · · · · · · · ·		(SEAL)		
Date				ignature					
neither, Date	This assignment should pre then it should be signed before $7.6.200$	ore at lea	st two witnesses who a	Notary Public if within ulso sign here: Witness		. Consul if outside the	he U.S.A. If		
Date	7.8.2008			Witness			· 		

PATENT REEL: 021562 FRAME: 0817