Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450			ONLY Patent and Trac	iemark Office	
-			Attorney Docket No. 1	1861 <u>3</u>	
Please record the attached document.					
То	tal nur	mber of pages including cover sheet, attachments, and doc	nument: 4		
I.	A.	Name of conveying parties: Mats FRIMAN Timo HARJU Arto MARTTINEN Matti KETONEN	2. A. Name and address of receiving party: METSO AUTOMATION O' TULPPATIE 1, FIN-00880 HELSINKI, FINLAND	<b>-</b>	
	В.	Additional name(s) of conveying party(ies) attached?			
3.	A.	Nature of conveyance:	B. Additional name(s) & address(cs) attach ☐ Yes ☑ No	    <b>d7</b> 	
	$\boxtimes$	Assignment			
		Security Agreement			
		Other			
	₿.	Execution Date: All-June 1, 2004			
4.	Α.	If this document is being filed together with a new appl	ication, the execution date of the application is:	·	
	В.	Patent Application No. 10/486,391	C. Patent No.(s)		
		Additional numbers atta	ı uched? 🔲 Yes 🖾 No		
<b>5</b> .		ic and address of party to whom correspondence terning document should be mailed:	6. Total number of applications and patents invol	ved: <u>I</u>	
	Na	me: James A. Oliff	7. Please charge Deposit Account No. 1 total fee (37 CFR 3.41) in the amount of		
	Ađ	dress: Oliff & Berrioge, PLC P.O. Box 19928 Alexandria, VA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787	Credit any overpayment or charge any underpadeposit account number 15-0461.	yment to	
		<u> </u>			
9.	To the o	ement and signature. the best of my knowledge and belief, the foregoing inform. original apcuntent. es A. OVII Registration No. 27.075	ation is true and correct and any attached copy is a t	ue copy of	
		S. Armstrong Registration No. 36 430			

**PATENT** 

Attorney's Docket No. 📉 😘 🔼

## ASSIGNMENT

## WHEREAS, WE,

Mats FRIMAN, of Fallpakankuja 4 A 8, FI-00970 Helsinki, Finland Timo HARJU, of Ruusutorpanpuisto 4 B 29, FI-02600 Espoo, Finland Arto MARTTINEN, of Terhokuja 2 C 11, FI-01710 Vantaa, Finland Matti KETONEN, of Ratavartijankatu 4 E 94, FI-00520 Helsinki, Finland,

have invented and own a certain invention entitled:

Method and system for analysing control circuit performance in industrial process

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on 10 February 2004, under Application No. 10/486,391 , and

WHEREAS, METSO AUTOMATION OY, of Tulppatie 1, FIN-00880 Helsinki, Finland (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in and under the invention described in the patent application in the United States and its territories.

Now, Therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and its territories and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States on the invention, and the patents or extensions thereof that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

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WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date April 27 2004	Mats Frignan A
Date_ April 27, 2004_	Witness (Ill) With
Date_April 27, 2004	Witness Dunchambay-Loitinan
Date April 25, 2004	Timo Harju
Date April 29, 2004	Witness (())
Date 4611 29, 2004	Witness_Dundanberg-Laiting
Date_ 4pril 28, 2004	Arto Marttinen
Date April 28,2004	Witness (1) Witness
Date April 28, 2014_	Witness Cul autory-latines

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Date June 1, 2004	Matti Ketonen
Date_ June 1, 2004_	Witness Runclanban-Laiting
Date June 1 2074	Witness (Illus tutt
Date	
Date	
Date	