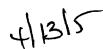


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Michael R. Cammarata, #39,491

Name of Person Signing/Reg. No.







Atty. Docket No.: 1906-0116P Page 1 of 1

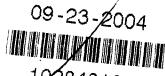
ON FORM COVER SHEET PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: MITSUBISHI DENKI KABUSHIKI MITSUBISHI ELECTRIC INFORMATION TECHNOLOGY CENTRE EUROPE B.V. **KAISHA** Internal Address: Additional name(s) of conveying party(ies) attached? Street Address: 2-3, Marunouchi 2-chome, TYES ⊠NO Chiyoda-ku 3. Nature of conveyance: ZIP: City: Tokyo State: ☐ Merger Assignment Postal Code: 100-8310 Country: Japan ☐ Security Agreement Change of Name Other: Addition of execution data Execution Date: November 6, 2003 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: A. Patent Application No(s). B. Patent No.(s). 10/609,375 Additional numbers attached? ☐ YES ⋈ NO 5. Name and address of party to whom correspondence 6. Total No. of applications/patents involved: One (1) concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$0.00 Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP ☐ Enclosed Street Address: P.O. BOX 747 Authorized to be charged to deposit account, City: FALLS CHURCH State: VA ZIP: 22040-0747 if no fee attached. 8. Deposit account number: 02-2448 Country: USA (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing informalion is true and correct and any attached copy is a true copy of the original document. HU0,439

Total number of pages including cover sheet, attachments, and document: Five (5)

MRC/JWR/kpc (Rev. 06/23/2004)

April 13, 2005

PATENT REEL: 016459 FRAME: 0394



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No.: 1906-0116P Page 1 of 1

RECUM: 12843195	
DATENTS ONLY	

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	Internal Address:	
Additional name(s) of conveying party(ies) attached? YES NO	Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku	
3. Nature of conveyance: ☐ Assignment ☐ Merger	City: Tokyo State: ZIP:	
Security Agreement Change of Name	Country: Japan Postal Code: 100-8310	
Other:	Additional name(s) & address(es) attached? YES NO	
Execution Date: $9-20.07$		
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:		
A. Patent Application No(s).	B. Patent No.(s).	
10/609,375		
Additional numbers attached? 🔲 YES 🗵 NO		
5. Name and address of party to whom correspondence	6. Total No. of applications/patents involved: One (1)	
concerning document should be mailed:	7. Total fee (37 C.F.R. § 3.41): \$40.00	
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	⊠ Enclosed	
Street Address: P.O. BOX 747	Authorized to be charged to deposit account,	
City: FALLS CHURCH State: VA ZIP: 22040-0747	if no fee attached.	
Country: USA	8. Deposit account number: <u>02-2448</u>	
	(Attach duplicate copy of this page if paying by deposit account)	
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9. 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.		
Michael K. Mutter, #29,680 Name of Person Signing/Reg. No.	September 20, 2004 Date	
Total number of pages including cover sheet, attachments, and document: Three (3)		
	MVM/all	

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MKM/slb (Rev. 06/23/2004)

ASSIGNMENT

WHEREAS, Mitsubishi Electric Information Technology Centre Europe B.V., a corporation organized and existing under and by virtue of the laws of The Netherlands, having an office at 20 Frederick Sanger Road, The Surrey Research Park, Guildford, Surrey GU2 5YD United Kingdom, is the owner by previous assignment, dated October 15, 2003, of the entire undivided right, title and interest of Wieslaw J. Szanowski, in and to an invention for new and useful improvements in or relating to Signal Statistics Determination for which an application for Letters Patent in the United States was executed on August 12, 2003, and assigned Application Number 10/609,375, and is the owner of an undivided right, title and interest in and to said application by said previous assignment;

WHEREAS, <u>Mitsubishi Denki Kabushiki Kaisha</u>, a corporation organized and existing under and by virtue of the laws of <u>Japan</u>, having an office at <u>2-3</u>, <u>Marunouchi 2-chome</u>, <u>Chiyodaku</u>, <u>Tokyo 100-8310 Japan</u>, is desirous of acquiring the entire right, title and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained;

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, to me in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, the said Mitsubishi Electric Information Technology Centre Europe B.V., has sold, assigned and transferred and does hereby sell, assign and transfer unto the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, its entire undivided right, title and interest in and to the said application and the invention therein contained, including all rights of action and damages for past infringement, and including the right to apply for any Letters Patent in the United States of America on said invention and including the right to claim the priority of the date of filing in the United States and any Letters Patent that may issue thereon, or therefor, in the United States and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent may be issued, to be held and enjoyed by the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns the same as it would have been held and enjoyed by Mitsubishi Electric Information Technology Centre Europe B.V., if this assignment and sale had not been made.

AND, Mitsubishi Electric Information Technology Centre Europe B.V., hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patents to the said Mitsubishi Denki Kabushiki Kaisha, in accordance with this instrument of assignment. Mitsubishi Electric Information Technology Centre Europe B.V., hereby represents and warrants

PATENT REEL: 016459 FRAME: 0396 that there are no rights or interests outstanding inconsistent with the rights and interests granted herein and that Mitsubishi Electric Information Technology Centre Europe B.V., will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and Mitsubishi Electric Information Technology Centre Europe B.V., binds itself and its heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns to vest in the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns to vest in the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

AND, Mitsubishi Electric Information Technology Centre Europe B.V., further covenants and agrees, in consideration of the premises, that it, its executors and administrators will, at any time upon request, communicate to the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Mitsubishi Electric Information Technology Centre Europe B.V., have hereunto set my hands and seal this 6th day of November 2003.

Mitsubishi Electric Information Technology Centre Europe B.V.,

By: Partix

DR. PAUL RATLIFF
Title: Technical Director VIL

RECORDED: 09/20/2004

REEL: 016459 FRAME: 0397