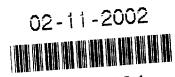
FORM PTO-1595

RE



EET U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Name of conveying party(ies): Steven R. Cole	(REV. 6-93)	9084
1. Name of conveying party(ies): Steven R. Cole Additional name(s) of conveying parties attached? Yes X No 3. Nature of conveyance: X Assignment		ATTORNEY DOCKET:: 2001P17779US
Steven R. Cole Additional name(s) of conveying parties attached? Yes X No 3. Nature of conveyance: X Assignment	To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
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): JAN 2 4 2002 09/965,365 filed September 26, 2001 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Elsa Keller Internal Address: 7. Total Fee (37 CFR 3.41)\$ 40.00 Enclosed X. Authorized to be charged to deposit account Intellectual Property Department Street Address: 186 Wood Avenue South City: Iselin State: NJ ZIP: 08830 DO NOT USE THIS SPACE 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.	Steven R. Cole Additional name(s) of conveying parties attached? _ Yes X No 3. Nature of conveyance: X Assignment Merger	Name: Siemens Information and Communication Networks, Inc. Internal Address: Street Address: 900 Broken Sound Blvd. City: Boca Raton State: FL ZIP: 33487
A. Patent Application No.(s) B. Patent No.(s): JAN 2 4 2002 09/965,365 filed September 26, 2001 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Elsa Keller Internal Address: Siemens Corporation Intellectual Property Department Street Address: 186 Wood Avenue South City: Iselin State: NJ ZIP: 08830 DO NOT USE THIS SPACE 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.	Execution Date(s): November 27, 2001	Additional name(s) & address(es) attached? Yes _X_No
5. Name and address of party to whom correspondence concerning document should be mailed: Name:Elsa Keller Internal Address:	If this document is being filed together with a new application A. Patent Application No.(s) 09/965,365 filed September 26, 2001	on, the execution date of the application is:
Concerning document should be mailed: Name: Elsa Keller Internal Address:		6. Total number of applications and natants involved: 1
Internal Address:		o. Total number of applications and patents involved
Enclosed	Name: Elsa Keller .	
Street Address: 186 Wood Avenue South . City: Iselin State: NJ ZIP: 08830 DO NOT USE THIS SPACE 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.		Enclosed
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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.	DO NOT USE THIS SPACE	
IMPART 11. //ANN 11 / DETURNET TO	To the best of my knowledge and belief, the foregoing info copy of the original document.	remation is true and correct and any attached copy is a true If December 200/ Date
David D. Chung, Reg. No. 38,409 Name of Person Signing Signature Date		Date
Total number of pages including cover sheet, attachments, and document:3		
Total number of pages including cover sheet, attachments, and document.		

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> **PATENT REEL: 012554 FRAME: 0689**

Docket: 2001P17779US

ASSIGNMENT

For good and valuable consideration, I, Steven R. Cole, a U.S. citizen residing at 1313 Maria Way, San Jose, CA 95117,

Hereby sell, assign and transfer to Siemens Information and Communication Networks, Inc., a corporation of the State of Delaware, having a principal place of business at 900 Broken Sound Boulevard, Boca Raton, FL 33487, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in U.S. Patent Application Serial No. 09/965,365, filed September 26, 2001 and entitled:

DIGITAL INTERPOLATION WINDOW FILTER FOR PHASED-LOCKED LOOP OPERATION WITH RANDOMLY JITTERED REFERENCE CLOCK

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ACKNOWLEDGEMENTS

Steven R Cole

Steven R. Cole

Witness No. 1:

By:

Date:___

Witness No. 2:

By: Catherine Mangen

RECORDED: 01/24/2002

Date: 11/27/2001

Printed Name: CATHERINE NGUYEN