

10-09-2001



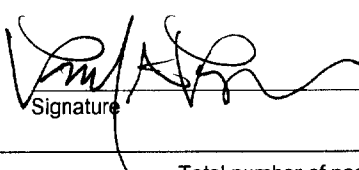
Substitute Form PTO-1595
 Attorney Docket No.: 12758-034001
 Client's Ref. No.: 200104934

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1. Name of conveying party(ies): Rajashekhar Rao and Patrick Heyne Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Siemens AG St. Martin-Strasse 76 P.O. Box 22 16 34 80506 Munich
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 07/01/2001; 07/02/2001	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: <u>09/871 855</u> B: Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: FRANK R. OCCHIUTI Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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9. Statement and Signature: <i>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.</i> Paul A. Pysher Reg. No. 40,780 Name of Person Signing  Signature September 27, 2001 Date Total number of pages including coversheet, attachments and document: 2	

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ASSIGNMENT

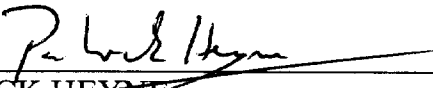
For valuable consideration, we, RAJASHEKHAR RAO of Bayrishzeller Strasse, 21, 81539 München, Germany, and PATRICK HEYNE of Hoheneck Str 50b, 81243 München, Germany, hereby assign to: Siemens Aktiengesellschaft, a German, corporation having a place of business at: Ridlerstr. 55, 80339 München, Germany; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DELIVERING A FINE DELAY STAGE FOR A DELAY LOCKED LOOP, filed May 31, 2001, and assigned U.S. Serial Number 09/871,855; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATED: 02/07/2001



RAJASHEKHAR RAO

DATED: July 1, 2001



PATRICK HEYNE