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To the Honorable Commissioner of . 1U2083	640ched original documents or copy thereof.	
1. Name of conveying party(ies): 2.24.04 Tony S. El-Kik	2. Name and address of receiving party(ies)	
	Name: Agere Systems Inc.	
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address:	
Nature of conveyance:	Street Address: 1110 American Parkway NE	
⊠ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name	City: Allentown State: PA Zip: 18109	
Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No	
Execution Date: February 18, 2004		
A. Patent Application No.(s) Additional numbers at	B. Patent No.(s) tached? ☐ Yes ⊠ No	
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1	
Name: John M. Harman	7. Total fee (37 CFR 3.41) \$ 40.00	
Internal Address:	⊠ Enclosed	
	☐ Authorized to be charged to deposit account	
Street Address: 600 Village Trace, Suite 300	8. Deposit account number:	
City: Marietta State: GA Zip: 30067	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
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. John M. Harman		
Name of Person Signing / Signature Date		
Total number of pages including cover sheet, attachments, and documents: 3		

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Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 015021 FRAME: 0044

ASSIGNMENT AND AGREEMENT

For value received, I, Tony S. El-Kik of Allentown in the County of Lehigh and State of Pennsylvania, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 1110 American Parkway NE, Allentown, PA 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to APPARATUS AND METHOD FOR DIGITALLY FILTERING SPURIOUS TRANSITIONS ON A DIGITAL SIGNAL described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Agere Systems Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

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but at its expense, sign all p	apers, ar	nall, without charge to Agere Systems Inc. nd do all acts which may be necessary, with said applications, patents, or other
		Tan Al
		Tony S. El-Kik
Date: 02 - 18 - 04		
United States of America)	
State of Plansylvania) ss.:	
County of Schigh)	
•	k, to me k	, 20, before me nown to be the individual described in and and acknowledged execution of the same.
		Mary Public
		Notally Fublic
		Notarial Seal Mary Ellen Dobish, Notary Public Allentown, Lehigh County My Commission Expires Nov. 6, 2004

Agere Systems Inc. 1110 American Parkway NE Allentown, Pennsylvania 18109

RECORDED: 02/24/2004

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