

HEET

To the Honorable Commissioner of Pat 102448	582d original documents or copy thereof.					
1. Name of conveying party(ies): 1) Alfons Fizonboofer 5.13.03	Name and address of receiving party(ies):					
1) Allons Lizerinoerer	Name: Agere Systems Inc.					
2) Said Tatesh	Internal Address:					
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒No	Street Address: 1110 American Parkway NE					
3. Nature of conveyance:	City: Allentown State: PA Zip: 18109 USA					
⊠ Assignment ☐ Merger						
	Additional name(s) & address(es) attached? Yes No					
Security Agreement Change of Name						
☐ Other						
Execution Date: 1) April 14, 2002; 2) Oct. 21, 2002						
Application number(s) or patent number(s):	cution date of the application is uly 16, 1999 B. Patent No. (s)					
If this document is being filed together with a new application, the exe	cution date of the application is					
A. Patent Application No.(s) 09/356,260 Filed on J	uly 16, 1999 B. Patent No. (s)					
Additional numbers attach	ed? ☐ Yes ⊠ No					
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1					
concerning document should be mailed:						
Name: <u>Docket Administrator</u>	7. Total fee (37 CFR 3.41) \$ \$40.00					
Agere Systems Inc.	☐ Enclosed					
Internal Address: Room 4U-533C						
Street Address: Four Connell Drive						
City: Berkeley Heights,	8. Deposit account number: 50-1735					
State: New Jersey, Zip: 07922-2747	<u> </u>					
	(Attach duplicate copy of this page if paying by deposit account)					
DO NOT USE T	HIS SPACE					
9. Statement and signature.						
To the best of my knowledge and belief, the foregoing information	mation is true and correct and any attached copy is a true					
copy of the original document.						
Richard J. Botos Kichal	DL 5/09/03					
Name of Person Signing Signature	¹ Dafe					
Total number of pages including cover sheet, attachments, and document:						
Mail documents to be recorded with required cover sheet information to:						
Commissioner for Patents, Mail Stop Assignments						

P.O. Box 1450, Alexandria, Virginia 22313-1450

A. Eizenhoefer 7-2-1

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REEL: 014056 FRAME: 0986

ASSIGNMENT AND AGREEMENT

For value received, we, Peter Kuczynski of Nuremberg in the Country of Fed. Rep. of Germany, and Alfons Eizenhoefer, of Nuremberg and the Country of Fed. Rep. of Germany, and Said Tatesh, of Swindon in the County of Wiltshire and the Country of Great Britain, hereby sell, assign and transfer to Agere Systems Guardian Corp., a corporation of the State of Delaware, having an office at 9333 S. John Young Parkway, Orlando, Florida 32819, 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 Method And System For Signalling described in an application for Letters Patent of the United States, Serial No. 09/356260, filed July 16, 1999, 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 we also concurrently hereby sell, assign and transfer to Agere Systems Guardian Corp. 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.

We authorize Agere Systems Guardian Corp. 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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 Guardian Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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

We agree that, when requested, we shall, without charge to Agere Systems Guardian Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

	Peter	r Kuczynski		
Date:				
On this me personally came, in and who executed the same.		o me known to t	ce the individu	al described
		Notary Public	1, 101, 101, 100, 100, 100, 100, 100, 1	

On this _____ day of ______, 20____, before me personally came, Alfons Eizenhoefer to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Said Tatesh

Date: 21-10.02

On this _____ day of _____, 20____, before me personally came, Said Tatesh to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Agere Systems Inc. P. O. Box 614 Berkeley Heights, New Jersey 07922-0614

PATENT ASSIGNMENT

by and between

LUCENT TECHNOLOGIES INC.

and

AGERE SYSTEMS GUARDIAN CORP.

Dated as of January 30, 2001

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

- A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;
- B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;
- C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).

ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.

ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.

IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

LUNCHI LTW DEF .

LUCENT TECHNOLOGIES INC.

Daniel P. McCurdy

President, Intellectual Property Business

AGERE SYSTEMS GUARDIAN CORP.

Fred M. Romano

President

Execution Copy

ACKNOWLEDGMENTS

LUCEIN LAW JEFT.

JMINTURTEDUL - UDINGG

STATE OF NEW JERSEY)	
COUNTY OF SOMERSET)	
COUNTY OF SOMERSET,	
a) this person signed, sealed and deli Intellectual Property Business of Lucent Tec	d and made by Lucent Technologies Inc. as its
	Name TAMORA ANNE HANNA Notary Public Notary Public Notary Public of New Jersey My Commission Expiresistered in Hunterdon County [Notarial Seal] My Commission Expires March 25, 2002
STATE OF FLORIDA) : ss: COUNTY OF ORANGE)	
personally came before me and this person a a.) this person signed, sealed Vice President of Agere S b.) this Patent Assignment w	, 2001, Fred M. Romano acknowledged under oath, to my satisfaction that: and delivered the attached Patent Assignment as systems Guardian Corp.; and as signed and made by Agere Systems Guardian and deed by virtue of authority from its Board of
	Name Notary Public My Commission Expires: [Notarial Seal]



APPENDIX B (continued) Transferred Patents

Case Name	Filing Date	Issue Date	Patent No.	Serial No.
Easter 26-11-4-7	3/3/1999			09/261885
Easter 30-15-8	4/30/1999			09/303172
Easter 31-16-9	7/19/1999			09/357016
Easter 32-17-10	8/3/1999			09/366362
Easter 33-18-11	8/3/1999			09/366361
Easter 34-19-12	1/26/2000			09/491836
Easter 36-22-15	7/15/1999			09/354399
Easter 37-23-16	11/22/1999			09/444817
Easter 39-25-18	7/20/1999			09/357407
Easter 43-29-102-22-24	12/13/1999			09/459708
Easter 45-31-103	9/20/1999			09/399621
Easter 46-32-25	8/18/1999			09/376696
Easter 47-33-26	8/3/1999			09/368339
Easter 48-34-27	8/18/1999			09/376191
Easter 52-38-31	8/17/1999			09/375971
Easter 54-40-33	10/27/1999 8/27/1999			09/428210 09/384506
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Easter 56-42-35-14 Easter 57-4-43-36	8/30/1999			09/385972
Easter 57-4-43-36 Easter 59-20-130-12	11/1/1999			09/431198
Easter 61-46-39-15	9/21/1999			09/400246
Easter 62-47-40-16	9/24/1999	7/25/2000	6093086	09/405617
Easter 63-48-41	10/25/1999	112012000	0000000	09/426017
Easter 65-50-43	10/4/1999			09/412688
Easter 66-23-5	10/8/1999			09/415529
Easter 68-5-52-45-17	10/13/1999			09/417232
Easter 69-53-46-24-11	10/14/1999			09/418087
Easter 70-54-47-25-12	10/14/1999			09/418078
Easter 72-28-136-13	11/1/1999			09/432721
Ehrich 5-18	5/10/1999			09/307601
Ehrich 6-1-1-1-6-21-1	10/22/1999			60/161226
Eizenhoefer 7-2-1	7/16/1999			09/356260
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EI-Kik 3-13	3/11/1999			09/265932
El-Kik 4	1/22/1999			09/236049
El-Kik 5-2-14-4	11/16/1998			09/192654
El-Kik 6-27-7	12/23/1998			09/219775
El-Kik 7	6/3/1999		00/004649	09/324922
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Elko 13	4/3/1997	3/21/2000	6041127	09/540618
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PATENT REEL: 014056 FRAME: 0996

RECORDED: 05/13/2003