

2-23-07

03-15-2007

FORM PTO-1595 (Rev. 09/04)
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11/710212
02/23/2007

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COVER SHEET
ONLY

To the Director of the

and the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date:

Matthew E. Cooke
Adriel P. Kind
Long Ung

Execution Date: 02/22/07; 02/12/07; 02/12/07

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

2. Name and address of receiving party(ies):

Name: Agere Systems Inc.
Internal Address: _____
Street Address: 1110 American Parkway NE
City: Allentown
State: PA
Country: USA Zip: 18109

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s) _____ B. Patent No. (s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Steve Mendelsohn
Internal Address: Mendelsohn & Associates, P.C.
Street Address: 1500 John F. Kennedy Blvd.
Suite 405
City: Philadelphia
State: PA Zip: 19102
Phone Number: 215-557-6656
Fax Number: 215-557-8477
Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)


8. Payment Information:

a. Credit Card Last 4 Numbers 1790
Expiration Date 10/31/08

b. Deposit Account Number _____
Authorized User Name _____

02/27/2007 EAYALEW1 00000036 11710212
04 FC:8021 40.00 OP

9. Signature:

Craig M. Brown  2/23/07
Name of Person Signing Signature Date

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: Cooke 2-7-4
C/P. 002 1320

PATENT
REEL: 019041 FRAME: 0598

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Matthew E. Cooke of Potts Point in the Country of Australia,
Adriel P. Kind of North Ryde in the Country of Australia,
Long Ung of Bexley North in the Country of Australia,

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 **Adaptive Equalizer With Tap Coefficient Averaging** described in an application for Letters Patent of the United States, executed by us 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 us, 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.

I agree that, when requested, I shall, without charge to Agere Systems Inc. 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.



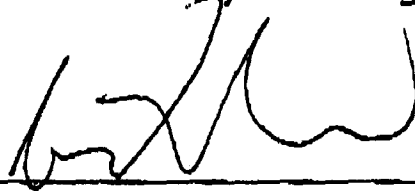
Matthew E. Cooke

Date: 22/02/07

Customer No.: 46900

3

Attorney Docket No. Cooke 2-7-4



Adriel P. Kind

Date: 12/2/07

992.1329

PATENT
REEL: 019041 FRAME: 0601



Long Ung

Date: 12/2/07

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

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