

05-11-2005

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies)/Execution Date:</p> <p>Gongyu Zhou</p> <p>Execution Date: <u>04/29/05</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Agere Systems Inc.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>1110 American Parkway NE</u></p> <p>City: <u>Allentown</u></p> <p>State: <u>PA</u></p> <p>Country: <u>USA</u> Zip: <u>18109</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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) _____

05/06/2005 DTESSEM1 00000010 11121323
05 FC:8021 (40.00 OP)

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Steve Mendelsohn</u></p> <p>Internal Address: <u>Mendelsohn & Associates, P.C.</u></p> <p>Street Address: <u>1515 Market Street</u> <u>Suite 715</u></p> <p>City: <u>Philadelphia</u></p> <p>State: <u>PA</u> Zip: <u>19102</u></p> <p>Phone Number: <u>215-557-6656</u></p> <p>Fax Number: <u>215-557-8477</u></p> <p>Email Address: _____</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged by credit card</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information:</p> <p>a. Credit Card Last 4 Numbers <u>5171</u> Expiration Date <u>10/31/08</u></p> <p>b. Deposit Account Number _____ Authorized User Name _____</p>
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9. Signature:

Kevin M. Drucker *[Signature]* 5/3/05

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 3

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Attorney Docket No.: Zhou 1
O/R: 992.1184

PATENT
REEL: 016533 FRAME: 0075

Customer No.: 46900

Attorney Docket No. Zhou 1**ASSIGNMENT AND AGREEMENT**

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

Gongyu Zhou of North Epping 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 **Rake Receiver With Time-Shared Fingers** 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.

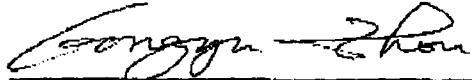
I request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

Customer No.: 46900

Attorney Docket No. Zhou 1

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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.



Gongyu Zhou

Date: 29/4/2005

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

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