
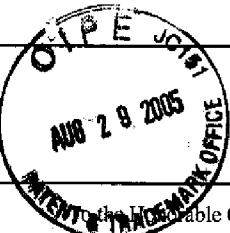

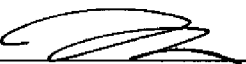
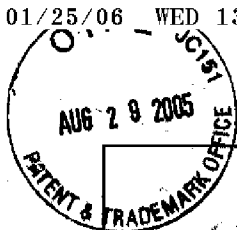


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Document ID No. 103074607	Customer No. 23910
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1. Name of conveying party(ies): <div style="text-align: center;">Richard M. Ehrlich Thorsten Schmidt</div> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>BEA Systems, Inc.</u> Address: <u>2315 North First Street</u> <u>San Jose, California 95131</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Corrective Assignment to Add Omitted Inventor on</u> <u>Previous Reel/Frame 016481/0413</u> <input checked="" type="checkbox"/> Execution Date: <u>March 16, 2005</u>	4. Application number(s) or patent number(s): A. Patent Application No.: 11/082,120 B. Confirmation No.: 5911 Title: <u>Systems and Methods for Using Worf To</u> <u>Identify Burst Patterns for Repair</u> Filed Date: <u>March 16, 2005</u>
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If this document is being filed together with a new application, the execution date of the application is: _____	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Sheldon R. Meyer</u> Address: <u>Fliersler Meyer LLP</u> <u>Four Embarcadero Center, Fourth Floor</u> <u>San Francisco, CA 94111</u> Telephone : <u>(415) 362-3800</u>	6. Total Number of applications and patents involved: <u>1</u> X \$40.00 each. 7. Total fee (37 CRF 3.41) <u>\$40.00</u> <input type="checkbox"/> Check Enclosed 8. <input checked="" type="checkbox"/> Fee Authorization. Authorization is given to charge any additional fees or credit overpayment to Deposit Account No. 06-1325. <i>Copy. (No duplicate copy of this authorization is enclosed)</i>
9. Statement of 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> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>David T. Xue</u> Attorney (Reg. No. 54,554) </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>1/25/06</u> Date </div> </div>	
10. Total number of pages to be recorded: <u>11</u> (1 page cover sheet and <u>10</u> page(s) document).	

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1. Name of conveying party(ies): Thorsten Schmidt Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Matsushita Electric Industrial Co., Ltd.</u> Address: <u>Matsushita IMP Bldg. 19th Floor</u> <u>1-3-7 Shiromi-Chuo-Ku,</u> <u>Osaka 540-6319, Japan</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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: <u>March 16, 2005</u>		4. Application number(s) or patent number(s): A. Patent Application No.: 11/082,120 B. Confirmation No.: 5911 Title: <u>SYSTEMS AND METHODS FOR USING WOF</u> <u>TO IDENTIFY BURST PATTERNS FOR REPAIR</u> Filed Date: <u>March 16, 2005</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If this document is being filed together with a new application, the execution date of the application is: <u>March 15, 2005</u>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Sheldon R. Meyer</u> Address: <u>Fliesler Meyer LLP</u> <u>Four Embarcadero Center, Fourth Floor</u> <u>San Francisco, CA 94111</u> Telephone: <u>(415) 362-3800</u>		6. Total Number of applications and patents involved: <u>1</u> X \$40.00 each 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> 8. Fee Authorization. <input type="checkbox"/> Authorization is given to charge the required fees and any additional fees or credit any overpayment to Deposit Account No. 06-1325.	
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> <u>David T. Xue</u>  <u>8/26/05</u> Attorney (Reg. No.: <u>54,554</u>) Signature Date			
10. Total number of pages to be recorded: <u>3</u> (1 page cover sheet and <u>2</u> page document).			



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Customer No. 23910

To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original documents or copy thereof.

1. Name of conveying party(ies):

Rihcard M. Ehrlich

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

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

Name: Matsushita Electric Industrial Co., Ltd.Address: 1006 Oaza Kadoma, Kodoma-shi,Osaka 571-8501, Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____
Execution Date: March 16, 2005Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

A. Patent Application No.: To be assigned

B. Confirmation No.: To be assigned

Title: SYSTEMS AND METHODS FOR USING WORDS
TO IDENTIFY BURST PATTERNS FOR REPAIRFiled Date: Herewith

C. Patent No(s):

Additional numbers attached? ☐ Yes ☒ NoIf this document is being filed together with a new application, the execution date of the application is: March 15, 2005

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

Name: Sheldon R. MeyerAddress: Fliesler Meyer LLPFour Embarcadero Center, Fourth FloorSan Francisco, CA 94111Telephone: (415) 362-38006. Total Number of applications and patents involved: 1 X \$40.00 each7. Total fee (37 CFR 3.41).....\$ 40.00

8. Fee Authorization.

☒ Authorization is given to charge the required fees and any additional fees or credit any overpayment to Deposit Account No. 06-1325. (order PANAP-01067USG).

9. 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.

David T.XueAttorney (Reg. No.: 54,554)

Signature

Date

3/16/0510. Total number of pages to be recorded: 3 (1 page cover sheet and 2 page document).

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JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Richard M. Ehrlich
a resident of Saratoga, California; and
(2) Thorsten Schmidt
a resident of Milpitas, California

have invented certain new and useful improvements in:

SYSTEMS AND METHODS FOR USING WOF TO IDENTIFY BURST PATTERNS FOR REPAIR

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, said invention being filed herewith, which is a continuation of U.S. Patent Application No. 10/923,662, filed August 20, 2004, which claims benefit to U.S. Provisional Application No. 60/496,459, filed August 20, 2003, U.S. Provisional Application No. 60/496,462, filed August 20, 2003, and U.S. Provisional Application No. 60/496,477, filed August 20, 2003.

WHEREAS Matsushita Electrical Industrial Co., Ltd., (hereinafter termed "Assignee"), a corporation of Japan, having a place of business at 1006 Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting

applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

(1) Richard M. Ehrlich



Date: 3/16/2005

Witnessed by: 

R Guevarra

Print Name:

Date: 3/16/2005

(2) Thorsten Schmidt



Date: 3/16/2005

Witnessed by: 

R Guevarra

Print Name:

Date: 3/16/2005