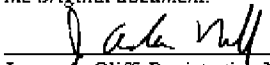


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		<p>Attorney Docket No. <u>104316</u></p>
<p>Please record the attached document.</p> <p>Total number of pages including cover sheet, attachments, and document: <u>3</u></p>		
<p>1. A. Name of conveying party: Tetsuya HIGUCHI</p> <p>B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. A. Name and address of receiving party(ies): AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY 1-3-1 KASUMIGASEKI CHIYODA-KU TOKYO 100 JAPAN</p> <p>ASAHI KASEI MICROSYSTEMS CO., LTD. ATSUGI AXT MAINTOWER 20TH FLOOR 3050 OKADA, ATSUGI CITY KANAGAWA PREF. JAPAN</p> <p>AND</p> <p>EVOLVABLE SYSTEM RESEARCH INSTITUTE, INC. 2-2-12, KANDATSUKASA-CHO CHIYODA-KU TOKYO 101-0048 JAPAN</p> <p>B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. A. 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"/> Other _____</p> <p>Execution Date: <u>November 27, 2003</u></p>		
<p>4. A. If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>B. Patent Application No.(s) _____</p> <p>C. Patent No.(s) <u>6,637,008 B1</u></p> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>James A. Oliff</u></p> <p>Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$<u>40.00</u>.</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p>	
<p>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></p> <p style="text-align: center;"></p> <p>James A. Oliff, Registration No. 27,075 J. Adam Neff, Registration No. 41,218</p> <p style="text-align: right;">Date: <u>December 9, 2003</u></p>		

CH \$40.00 150461 6637008

ASSIGNMENT

WHEREAS, TETSUYA HIGUCHI, a citizen of Japan whose address is 706-203, AZUMA 2-CHOME, TSUKUBA CITY, IBARAKI PREF., JAPAN, (hereinafter called "Assignor") is a joint owner by assignment duly recorded in the United States Patent and Trademark Office at the Reel 012062 and Frame(s) 0536 indicated below of the following United States patent application (hereinafter called "Patent Property"):

<u>Application Number and Date of Filing</u>	<u>Named Inventors</u>	<u>Reel and Frame</u>
09/397,636 filed September 16, 1999	Tetsuya HIGUCHI Masahiro MURAKAWA Yuji KASAI Shogo KIRYU Toshio ADACHI Shiro SUZUKI	012062/0536

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on his own behalf.

WHEREAS, AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY (AIST), an Independent Administrative Institution established under the laws of Japan, whose address is 1-3-1 KASUMIGASEKI, CHIYODA-KU, TOKYO 100, JAPAN and ASAHI KASEI MICROSYSTEMS CO., LTD., a company established under the laws of Japan, whose address is ATSUGI AXT MAINTOWER 20th FLR., 3050, OKADA, ATSUGI CITY, KANAGAWA PREF., JAPAN, (hereinafter called "the other joint owners") are currently joint owners with Assignor; and

WHEREAS, EVOLVABLE SYSTEM RESEARCH INSTITUTE, INC., a company established under the laws of Japan, whose address is 2-2-12, KANDATSUKASA-CHO, CHIYODA-KU, TOKYO 101-0048, JAPAN, (hereinafter called "Assignee") is desirous of acquiring assignor's entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Property (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions of the same, such that it is a joint owner of said Patent Property along with the other joint owners.

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, one-sixth of the right, title and interest for the United States, its

territories, dependencies and possessions, in and to said Patent Property (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Property with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and his heirs, successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States, resulting from said Patent Property and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference which may be declared concerning said Patent Property (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference.

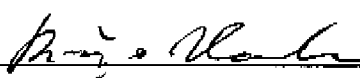
Assignor covenants that he has full right to convey the interest herein assigned and that he has not executed and will not execute any agreement in conflict herewith.

Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

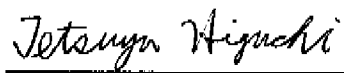
Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIFF & BERRIDGE, PLC of Alexandria, Virginia the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

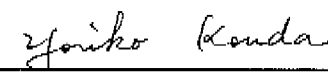
This Assignment is effective as of the 27th day of November, 2003.



 Witness



 Signature of Assignor



 Witness

Tetsuya HIGUCHI

 Typewritten Name of Assignor