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| FORM PTO-1595 (Rev. 6-93) | | Recordation Form Cover (Patents Only) | | 100969573 | | Commerce Mark Office | |
| To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof | | | | | | | |
| 1. Name of conveying party(ies): Wei Liu, Michael A. Bryan, Ian S. Roth Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes X No. | | | | 2. Name and address of receiving party(ies) Name: Silicon Genesis Corporation Internal Address: Street Address: 590 Division Street City: Campbell State: CA ZIP: 95008 Additional names and addresses attached? <input type="checkbox"/> Yes X No | | | |
| 3. Nature of conveyance: X Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 12/2/98 | | | | | | | |
| 4. Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): 09/201,933 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes X No | | | | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard T. Ogawa TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (650) 326-2400 | | | | 6. Total number of applications and patents involved 1 | | | |
| (02/22/1999 SBURNS 00000045 201430 09201933) 01 FC:581 40.00 CH | | | | 7. Total fee (37 CFR 3.41): -----\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account <input type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account. | | | |
| | | | | 8. Deposit account number: 20-1430 | | | |
| DO NOT USE THIS SPACE | | | | | | | |
| 9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true and correct copy of the original document.</i> Richard T. Ogawa Name of Person Signing Signature 2/16/99 Date Atty Reg. No. 37,692 Total number of pages including cover sheet, attachments and document 4 | | | | | | | |
| 10. Change Correspondence Address to that of Part 5? <input type="checkbox"/> Yes x No | | | | | | | |
| OMB No. 0651-0011 (exp. 4/94) | | | | | | | |
| Do not detach this portion Mail documents to be recorded with required cover to: Asst. Commissioner for Patents Box: Assignments Washington, D.C. 20231 | | | | | | | |

PATENT
REEL: 9769 FRAME: 0294

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Wei Liu, of 891 Winchester Boulevard, #292, San Jose, CA 95128, Michael A. Bryan, of 708 Blossom Hill Road, Suite 111, Los Gatos, CA 95032, US, Ian S. Roth, of 2015 Middlefield Road, Palo Alto, CA , US, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ENHANCED PLASMA MODE AND
COMPUTER SYSTEM FOR PLASMA
IMMERSION ION IMPLANTATION

Date(s) of execution of Declaration: _____

Filing Date: December 1, 1998

Application No.: 09/201,933; and

WHEREAS, Silicon Genesis Corporation, located at 590 Division Street, , Campbell, CA, 95008, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 12-2-98


 Wei Liu

Dated: 12-2-98


 Michael A. Bryan

Dated: 12-2-98


 Ian S. Roth

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