PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Satoru ISOGAI | 11/13/2006 |

RECEIVING PARTY DATA

| Name: | Elpida Memory, Inc. | |
|-----------------|------------------------------|--|
| Street Address: | 2-1, Yaesu 2-chome, Chuo-ku, | |
| City: | Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 104-0028 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11564613 |

CORRESPONDENCE DATA

Fax Number: (202)293-7860

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: tjohnson@sughrue.com

Correspondent Name: Howard L. Bernstein

Address Line 1: 2100 Pennsylvania Avenue

Address Line 4: Washington, DISTRICT OF COLUMBIA 20037

| ATTORNEY DOCKET NUMBER: | Q98571 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | Howard L. Bernstein |

Total Attachments: 1 source=q98571#page1.tif

\$40.00 115646

PATENT REEL: 018586 FRAME: 0176

Assignment

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| | | | 2-1, Yaesu 2-chom | e, Chuo-ku, | |
| | | _ | Tokyo 104-0028 Ja | pan | |
| assig inver unde any I | Now therefore I/We, the above mee, its successoration disclosed the r 35 U.S.C. §119 Letters Patent gra | onited States pates, for valuable concernation of the United and I/we request need upon the invested u | ents to be obtained the sideration, receipt what (s), hereby sell, assign entire right, title and ed States of America, the Director — U.S. Pention set forth in the | d interest in the application and refor; ereof is hereby acknowledged an and transfer to the above naminterest in the application and including the right to claim pratent and Trademark Office to application to the assignee, its consideration all papers deem | ned the iority issue |
| Penn: | I/We hereby a sylvania Avenue. | uthorize and requal. NW. Washington | est our attorneys SUG | s application when called upo HRUE MION, PLLC of 2100 insert here in parentheses | |
| (App | lication number | , filed | and Conf | irmation number | |
| and a | pplication number | er of said applicat | ion when known |) the filing da | ite |
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| Date: | November 13, | 2000 | ru Clsogai | | |
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| Legali | zation not required | Λ. Α. Ι | rima facie evidence of exe | cution under 35 U.S.C. §261) | . ' |
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RECORDED: 12/05/2006

PATENT REEL: 018586 FRAME: 0177