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Tab settings	Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Kenichi KOYANAGI Hiroshi SAKUMA	2. Name and address of receiving party(ies) Elpida Memory, Inc. Internal Address:		
Additional name(s) of conveying party(ies) attached?			
3. Nature of conveyance:			
✓ Assignment	2-1, Yaesu 2-chome,		
Security Agreement Change of Name	Street Address: Chuo-ku, Tokyo, Japan		
Other	City:State:Zip:		
Execution Date: March 19, 2004	Additional name(s) & address(es) attached? 🛄 Yes 🛂 No		
A. Patent Application No.(s)	cation, the execution date of the application is: B. Patent No.(s)		
Additional numbers attached? 📮 Yes 🖳 No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account		
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New York New York 10022-2585 City:State:Zip:	(Attach duplicate copy of this page if paying by deposit account)		
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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. Michael I. Markowitz March 24, 2004			
Name of Person Signing	Signature Date		
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(Rev. 03/01)

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Washington, D.C. 20231

ASSIGNMENT

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled:

METHOD FOR FORMING A METAL OXIDE FILM

(x) executed on even date herewith;		
() executed on	;	
() now U.S. Patent No.	filed on	,

and has full right to convey their entire interest both legal and equitable in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Elpida Memory, Inc. ("ASSIGNEE"), a corporation having offices at 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, 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 by each of the undersigned, each of the undersigned hereby sells, assigns, transfers and sets over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, and all applications resulting therefrom, including any and all divisionals, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents;

AND, each of the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; each of the undersigned agrees that the attorney of record shall hereinafter act on behalf of said ASSIGNEE;

AND, each of the undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country;

Each of the undersigned hereby authorizes Katten Muchin Zavis Rosenman of 575 Madison Avenue, New York, New York 10022-2585, to insert hereon any further identification information necessary or desirable for recordation of this document.

Inventor(s)	Date Signed	Witness
1. Kenichi Koyanggi Name: Kenichi KOYANAGI	March 19, 2004	Takashi Bawa (5)
Name: Kenichi KOYANAGI	March 19, 2004	
2. Kiroshi Sakuma		Takashi Czawa
Name: Hiroshi SAKUMA		-
3		
Name:		
4.		
Name:		

() Additional inventors are being named on a separate sheet attached hereto

HWD3531012v1

RECORDED: 03/24/2004

PATENT REEL: 015143 FRAME: 0630