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To the Director of the United States		08-01-2	2007	EET			
To the Director of the United States 1  To the Director of the United States 1  To the Director of the United States 1  Name of conveying party(ies):  Masahito HTROSHIMA  U.S. PTO 11/878574 07/25/2007  Additional names(s) of conveying party(ies):  Nature of conveyance:  Additional names(s) of conveying party(ies):  Name: Elpida Memory, Inc.  Address: 2-1, Yaesu 2-chome,  Address: 2-1, Ya	/I∵No. 0651-0027 (exp.5/31/2002)				Pate	ent and Tra	ademark Offi
Name of conveying party(ies): Masahife HIROSHIMA  11/878574 07/25/2007  Additional names(a) of conveying party(ies): Nature of conveyance:  Additional names(a) of conveying party(ies): Nature of conveyance:  Additional names(a) of conveyance:  Additional names(a) of conveyance:  Additional names(a) of conveyance:  Additional names(b):  Additional name(c) & additio		103432	505				<del></del>
Masshito HIROSHIMA  11878574 07/25/2007  Additional names(s) of conveying party(les)    Yes ⊠ No			Ta 11				opy thereof.
11/878574 07/25/2007    Name: Elpida Memory, Inc.		U.S. PTO	2. Name an	d address of r	eceiving party(ie	<b>}</b> S):	
Additional names(s) of conveying party(les)	Wasanto IIItosii.	11/878574	Name: Elp	oida Memory, I	nc.	<u></u>	
Nature of conveyance:    Assignment		07/25/2007	Address:	2-1, Yaesu 2-ch	ome,		<del></del>
Assignment   Merger   Security Agreement   Change of Name   City: Chuo-ku   State/Prov.: Tokyo   Country: Japan   ZiP: 104-0028   Additional name(s) & address(es)   Yes	Additional names(s) of conveying party(les)	☐ Yes ☒ No					
City: Chuo-ku State/Prov.: Tokyo  Country: Japan ZIP: 104-0028  Application number(s) or patent numbers(s): this document is being filed together with a new application, the execution date of the application is:  June 28, 2007  Patent Application No. Filling date  Additional numbers  B. Patent No.(s)  Additional numbers  B. Patent No.(s)  Additional number of applications and patents involved:  I Total fee (37 CFR 3.41):	. Nature of conveyance:						
□ Security Agreement □ Change of Name □ Other Execution Date: June 28, 2007  Application number(s) or patent numbers(s): this document is being filed together with a new application, the execution date of the application is:    Additional numbers   Patent Application No.   Filing date   B. Patent No.(s)	⊠ Assignment □	Merger					
Additional name(s) & address(es)  Application number(s) or patent numbers(s): this document is being filed together with a new application, the execution date of the application is:  Patent Application No.  Filing date  Additional numbers  B. Patent No.(s)  Name and address of party to whom correspondence concerning document should be mailed:  Name: Sean M. McGinn, Esq.  Registration No. 34,386  Address: McGin Intellectual Property Law Group, PLLC.  321 Old Courthouse Road  inite 200  City: Vienna  Country: U.S.A.  State/Prov.: Virginia Country: U.S.A.  Do Not Use This space  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 core of the original document.  Sean M. McGinn  Sean M. McGinn  Sean M. McGinn  Signature  Additional name(s) & address(es)  Pes So No  Additional name(s) & address(es)  Pes No  No Not Use This space  Signature  Onto Tuse This space  Signature  Date	<u>_</u>	Change of Name	City: Chuo	-ku	_ State/Prov.:	Tokyo	
Application number(s) or patent numbers(s): this document is being filed together with a new application, the execution date of the application is:  Patent Application No. Filing date  Additional numbers  B. Patent No.(s)  Name and address of party to whom correspondence concerning document should be mailed:  Name: Sean M. McGinn, Esq.  Registration No. 34,386  Address: McGinn Intellectual Property Law Group, PLLC  321 Old Courthouse Road  iuite 200  City: Vienna Country: U.S.A.  Do Not Use This space  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 coff the original document.  Sean M. McGinn Signature  Additional numbers  B. Patent No.(s)  6. Total number of applications and patents involved:  1  7. Total fee (37 CFR 3.41):	Other		Country:	Japan	ZIP:	104-002	28
Application number(s) or patent numbers(s): this document is being filed together with a new application, the execution date of the application is:    June 28, 2007	Execution Date: June 28, 2007				_		_
Patent Application No. Filing date  Additional numbers  Patent Application No. Filing date  B. Patent No.(s)  Name and address of party to whom correspondence concerning document should be mailed:  Name: Sean M. McGinn, Esq.  Registration No. 34,386  Address: McGinn Intellectual Property Law Group, PLLC:  321 Old Courthouse Road  State/Prov. Virginia Country: U.S.A.  ZIP: 22182-3817  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 conformation of the conformation of		•	Additional nam	ne(s) & address(e	s) 🗆	Yes	W No
Name and address of party to whom correspondence concerning document should be mailed:  Name: Sean M. McGinn, Esq.  Registration No. 34,386  Address: McGinn Intellectual Property Law Group, PLLC.  321 Old Courthouse Road  iuite 200  City: Vienna State/Prov.: Virginia Country: U.S.A.  ZIP: 22182-3817  Do Not use This space  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 confirmed occument.  Sean M. McGinn  6. Total number of applications and patents involved:  1  7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  8. Deposit account number:  50-0481 (deficiencies only)  (Attach duplicate copy of this page if paying by deposit account)  Do Not use this space  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true confirmed occument.  Sean M. McGinn  Sean M. McGinn  Date							
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Registration No. 34,386  Address: McGinn Intellectual Property Law Group, PLLC.  321 Old Courthouse Road  State/Prov.: Virginia  Country: U.S.A.  ZIP: 22182-3817  Do Not Use This Space  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 conformation of the original document.  Sean M. McGinn  Signature  Date  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  South deficiencies only)  (Attach duplicate copy of this page if paying by deposit account)  Do Not Use This Space  Signature  July 25, 2007  Date			6. Total nur	nber of applica	itions and paten	its involv	ed: 1
Registration No. 34,386  Address: McGinn Intellectual Property Law Group, PLLC.  321 Old Courthouse Road  State/Prov.: Virginia Country: U.S.A. ZIP: 22182-3817  Do Not Use This SPACE  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 conformation of the original document.  Sean M. McGinn  Signature  Date  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  Southwest Floreon Signing  Authorized to be charged to deposit account  Authorized to be charged to deposit account  (Attach duplicate copy of this page if paying by deposit account)  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 conformation of the original document.  Sean M. McGinn  Signature  Date	Name: Sean M. McGinn, Esq.		7. Total fee	(37 CFR 3.41)	):\$	40.00	
Address: McGinn Intellectual Property Law Group, PLLC.    321 Old Courthouse Road	Pagistration No. 34.386		<b>⊠</b> Enclo	osed - Any exc	ess or insufficie	ncy sho	uld be
Authorized to be charged to deposit account		v Law Group, PLLC.	credi	ted or debited	to deposit acco	unt	
State/Prov.: Virginia   State/Prov.: State/Prov.: Virginia   State/Prov.: Vi			☐ Autho	orized to be ch	arged to deposi	it accour	nt
City: Vienna State/Prov.: Virginia 50-0481 (deficiencies only)  Country: U.S.A. ZIP: 22182-3817 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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 confirmed of the original document.  Sean M. McGinn Signature  Date	321 Old Courthouse Road						
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Director of the United States Patent and Trademark P.O. Box 1450, Alexandria, VA 22313-1450

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

Masahito HIROSHIMA of c/o Elpida Memory, Inc., 2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 Japan

NAME AND ADDRESS OF ASSIGNOR

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

APPARATUS FOR CORRECTING DEFECTS IN A RETICLE PATTERN AND CORRECTING METHOD FOR THE SAME

## **WHEREAS**

FULL NAME AND ADDRESS OF ASSIGNEE

Elpida Memory, Inc. of 2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

(Assignment of Application for Patent - page 1 of 2)

PATENT REEL: 019669 FRAME: 0849 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

**SIGNATURE** 

**SIGNATURE** 

**SIGNATURE** 

SIGNATURE

**SIGNATURE** 

**SIGNATURE** 

**SIGNATURE** 

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 28th day of June , 2007.

By: Masahito Hiroshima

By:

By:

By:

*\_\_\_\_\_\_* 

Ву:\_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

WITNESSES

(Assignment of Application for Patent - page 2 of 2)

PATENT REEL: 019669 FRAME: 0850

**RECORDED: 07/25/2007**