

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takashi MIIDA	08/11/2011
Riichiro SHIROTA	08/12/2011
Hideki ARAKAWA	08/12/2011
Ching Sung YANG	08/11/2011
Tzung Ling LIN	08/11/2011

RECEIVING PARTY DATA

Name:	Powerchip Corporation
Street Address:	21-3, Shinbashi 6-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-0004

Name:	Powerchip Technology Corporation
Street Address:	No. 12, Li-Hsin RD. 1, Hsinchu Science Park
City:	Hsinchu
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13203612

CORRESPONDENCE DATA

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OP \$40.00 13203612

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PATENT
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2011_1301A

NAME OF SUBMITTER:

Fatema Seraj

Total Attachments: 5

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s) Takashi MIIDA, Riichiro SHIROTA, Hideki ARAKAWA,
Ching Sung YANG and Tzung Ling LIN

Insert Name(s)
of Assignee(s) the undersigned hereby sell(s) and assign(s) to
Powerchip Corporation and Powerchip Technology Corporation

Address(es)
of 21-3, Shinbashi 6-chome, Minato-ku, Tokyo, 105-0004 Japan and
No.12, Li-Hsin RD.1, Hsinchu Science Park, Hsinchu, Taiwan

Title of
Invention (hereinafter designated as the Assignee) the entire right, title and interest for the United States
as defined in 35 USC 100, in the invention known as
PROGRAMMING METHOD FOR NAND FLASH MEMORY DEVICE

Date of
Signing of
Application for which an application for patent in the United States has been executed by the undersigned
on

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, 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 Office for recordal of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date

Aug. 11 2011

Name of Inventor

Takashi MIDA

Takashi MIDA

Date Aug. 12, 2011 Name of Inventor Riichiro Shiota
Riichiro SHIOTA

Date Aug. 12, 2011 Name of Inventor Hideki Arakawa
Hideki ARAKAWA

Date 8-11, 2011 Name of Inventor Ching Sung Yang
Ching Sung YANG

Date 2011/08/11 Name of Inventor Lin Tzung Ling
Tzung Ling LIN

Witness _____

Witness _____

ACKNOWLEDGMENT

_____ } ss
This _____ day of _____, 20____,
before me personally came the above-named
_____ to me personally known as the individual(s) who executed the foregoing assignment, who
did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set
forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____ Filing Date: _____

Applicant Reference Number: 560451 Attorney Docket No.: _____

Title of the Invention

PROGRAMMING METHOD FOR NAND FLASH MEMORY DEVICE