# OP \$40.00 1264485

# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Execution date of the 2nd Assignor from 11/28/2009 to 11/25/2009. previously recorded on Reel 024133 Frame 0042. Assignor(s) hereby confirms the Assignment.

#### **CONVEYING PARTY DATA**

Name	Execution Date
Tsuyoshi TAKAHASHI	11/25/2009
Yutaka HAYASHI	11/25/2009
Yuichiro MASUDA	11/25/2009
Shigeo FURUTA	11/27/2009
Masatoshi ONO	11/25/2009

# **RECEIVING PARTY DATA**

Name:	Funai Electric Advanced Applied Technology Research Institute Inc.	
Street Address:	7-1, 7-chome, Nakagaito	
City:	Daito-shi, Osaka	
State/Country:	JAPAN	
Postal Code:	574-0013	

Name:	Funai Electric Co., Ltd.	
Street Address:	7-1, 7-chome, Nakagaito	
City:	Daito-shi, Osaka	
State/Country:	JAPAN	
Postal Code:	574-0013	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12644851

# CORRESPONDENCE DATA

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PATENT REEL: 024431 FRAME: 0545

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Address Line 1: Intellectual Property Group

Address Line 2: P.O. Box 14300

Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300

ATTORNEY DOCKET NUMBER: 102281.61817US

NAME OF SUBMITTER: Jeffrey D. Sanok

**Total Attachments: 6** 

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> PATENT REEL: 024431 FRAME: 0546

#### **ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

- (1) Funai Electric Advanced Applied Technology Research Institute Inc. 7-1, 7-chome, Nakagaito, Daito-shi, Osaka, 574-0013, Japan
- (2) Funai Electric Co., Ltd.7-1, 7-chome, Nakagaito, Daito-shi, Osaka, 574-0013, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

MEMORY CELL ARRAY

as set forth in his United States Patent Application (check one):

executed concurrently herewith,

executed on \_\_\_\_\_,

Serial No. \_\_\_\_\_\_, filed \_\_\_\_\_,

PCT International Application, No.: \_\_\_\_, filed \_\_\_\_,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING, L.L.P., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signature: Inventor one:

Vsuyoshi Jakahashi
Tsuyoshi TAKAHASHI

Nov. 25.2009

REEL: 024431 FRAME: 0547

ASSIGNMENT	Attorney Jock	et No.: 102281.61817US
Signature: Inventor two:	Jufaka VJayas C Xulgka HAYASHI	Nov. 25, 2009 DATE
Signature: Inventor three:	Juichiro Masuola Yuichiro MASUDA	Nov. 25. 2007 DATE
Signature: Inventor four:	Shigeo Furuta Shigeo FURUTA	Nov. 27.2009 DATE
Signature: Inventor five:	Masatorhi Oxo Masatoshi ONO	Nov.25, 2009 DATE
Signature: Inventor six:		DATE
Signature: Inventor seven:		DATE
Signature: Inventor eight:		DATE

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

Signature: **Inventor nine:** 

Signature: Inventor ten:

Citizen of

DATE

DATE

REEL: 024431 FRAME: 0548

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PAGE 4/005

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TO: CROWELL & MORING LLP COMPANY: INTELLECTUAL PROPERTY GROUP

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 03/24/2010 501129009

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE:

**ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
Tsuyoshi TAKAHASHI	11/25/2009
Yutaka HAYASHI	1-1/28/2009
Yuichiro MASUDA	11/25/2009
Shigeo FURUTA	11/27/2009
Masatoshi ONO	11/25/2009

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12644851

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**PATENT** 

REEL: 024431 FRAME: 0549

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TO: CROWELL & MORING LLP COMPANY: INTELLECTUAL PROPERTY GROUP

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ATTORNEY DOCKET NUMBER:

102281.61817US

NAME OF SUBMITTER:

Jeffrey D. Sanok

Total Attachments: 2

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PATENT

REEL: 024431 FRAME: 0550