U.S. PTO 12/284502 09/23/2008

Form PTO-15"

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R SHEET EN IS ONLY 103529015 ice: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Takehiro ONOMATSU Name: Funai Electric Co., Ltd. Internal Address: Additional name(s) of conveying party(ies) attached? Yes 🗙 No 3. Nature of conveyance/Execution Date(s): Street Address: 7-1, 7-chome Nakagaito Execution Date(s) September 8, 2008 Daito-shi, Osaka, 574-0013, Japan X Assignment Merger City:____ Security Agreement Change of Name Joint Research Agreement State: Government Interest Assignment Country: Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? L. Yes X No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes X No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name Peter Ganjian 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Internal Address: X Authorized to be charged to deposit account **Enclosed** Street Address: Yokoi & Co., U.S.A., Inc. None required (government interest not affecting title) 13700 Marina Pointe Drive #723 8. Payment Information City: Marina Del Rey State:ca Zip90292 Phone Number (310) 578-2340 Deposit Account Number _502738 Fax Number: (310) 301-7245 Authorized User Name Peter Ganjian Email Address: yokoiusa@gmail.com 9. Signature: Total number of pages including cover Peter Ganjian Name of Person Signing sheet, attachments, and documents:

> Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> > PATENT REEL: 021657 FRAME: 0538

U.S. DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Assignment 譲渡証

US-2262 PO8-1036

Japanese Language Assignment

(1-8)	Insert Name(s) of Inventor(s)				
	発明者の氏名を記入すること				
(1)	Takehiro ONOMATSU				
(2)					
(3)					
(4)					
(5)					
(6)	·				
(7)					
(8)					
	の署名人に対して支払われた総額1ドル(\$1.00)お 2の適切な有価約因を考慮して、各々の署名人は	In consideration of the sum of one dollar (\$1.00 and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign and hereby does assign, transfer and set over to			
(9)	Insert Name of Assignee 譲受人氏名を記入すること Funai Electric Co., Ltd.				
(10)	Insert Address of Assignee 譲受人住所を記入すること 7-1, 7chome Nakagaito, Daito-shi, Osaka, 574-0013 JAPAN				
(以しお出行メ受下、) 米び、よ願証リ人	度受人と称する)に対して、譲渡に同意し、ここに譲渡国法第35章第100条に定義されるごとく、この発明、仮出願、非仮出願、分割出願、継続出願、差し替えおよび前記発明に関する全ての特許証、延長証、再発再審査証を含む特許のための全ての出願において、ア合衆国のための全ての権利、所有権、および利益を譲入、後継者、非譲渡者、および法定代理人に移転譲渡し、	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as			
(11)	Insert Identification such as Title, Case Number, or 名称、事件番号、もしくは外国出願番号のような確認				
(11)	TELEVISION				
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PATENT

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前記署名人が下記の日付でアメリカ合衆国において特許出 願を履行するものであり、

> or もしくは

(12) Insert Date of Signing of Application 出願に署名する日付を記入のこと

(12) on <u>Sep 8, 2008</u>

- (13) Alternative Identification for filed applications 提出された出願のための代案確認事項
- (13) US application Serial Number 右記の米国出願整理番号で filed

上記日付において提出されたものである。

- 1) 各々の署名人は前記発明のための出願関係および、継続出願、分割出願、再発行出願およびこの件に関しての発行する特許において、必要な全ての書類を履行することに同意し、譲受人が必要と思われる、このような出願および特許に関しての別途譲渡証を履行することにも同意する。
- 2)各々の署名人は、前記発明のための、出願もしくは継続出願、もしくはその分割出願、特許もしくはそれに基づく再発行出願に関して宣言されるインターフェレンスに関して必要な全ての書類を履行することに同意し、証拠取得およびそのようなインターフェレンスを進行するにあたり、いかなる方法においても前記譲渡人と協力することに同意する。
- 3)各々の署名人は、すべての用紙および書類を履行し、国際工業所有権保護協定の請求もしくは規定もしくは類似協定に関して必要ないかなる行為を施行することに同意する。
- 4)各々の署名人は、前記譲受人に対して有効な米国特許の承認を取得し、維持し、もしくは再発行もしくは再審査により、確認するために、必要なすべての積極的な行為を履行することに同意する。
- 5)各々の署名人は、全ての利益の譲受人として、米国特許商標庁長官に前記出願から発生した全ての米国特許証を前記譲受人に対して発行することを許可および請求し、ここに署名するにおいて、譲受人は全ての利益を譲るための全ての権利を有し、対立関係にある協定を過去に履行することなくもしくは将来履行しないことを誓約し、この協定が前記譲渡人、譲渡人の承継人、後継者、非譲渡者、および法定代理人に法的義務を負わせるものであることに同意する。

for which the undersigned has (have) executed and application for patent in the United States of America on even date herewith

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in everyway possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees 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.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

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Date 日付	Sep 8, 7008	Inventor Signature 発明者署名	Takehiro ONOMATSU	(SEAL 印)
Date 日付		Inventor Signature 発明者署名		(SEAL 印)
Date 日付		Inventor Signature 発明者署名	<u> </u>	(SEAL 即	,
Date 日付		Inventor Signature 発明者署名		(SEAL FI))
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RECORDED: 09/23/2008