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1. Name of conveying party(ies)
Takehiro ONOMATSU

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Funai Electric Co., Ltd.
Internal Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s) July 8, 2005

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: 7-1, 7-chome Nakagaito,
Daito-shi, Osaka, 574-0013, Japan

City: _____
State: _____
Country: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
11/141714

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Hisako Muramatsu, Esq.
Internal Address: _____

Street Address: Yokoi & Co., U.S.A., Inc.
13700 Marina Pointe Drive #1512

City: Marina Del Rey
State: CA Zip: 90292

Phone Number: (310) 578-2340
Fax Number: (310) 578-2340
Email Address: yokoiusa@msn.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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9. Signature: 9/17/05
Signature Date

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01 FC:8021

Hisako Muramatsu, Esq.
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

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Assignment

譲渡証

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)

各々の署名人に対して支払われた総額1ドル (\$1.00)および他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

(9) Funai Electric Co., Ltd.

(10) Insert Address of Assignee

譲受人住所を記入すること

(10) 7-1, 7-chome Nakagaito, Daito-shi, Osaka, 574-0013 JAPAN

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(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 Foreign Application Number

名称、事件番号、もしくは外国出願番号のような確認事項を記入のこと

(11)

TELEVISION TUNER

(Attorney Docket No. P05-1012)

弁護士整理番号

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、

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

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 _____

(13) **Alternative Identification for filed applications**

提出された出願のための代案確認事項

(13) U.S. application Serial Number

右記の米国出願整理番号で 11/141714

filed

June 1, 2005

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する発行の特許において、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する別途譲渡証を履行することにも同意する。

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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。

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6) 各々の署名人は 13700 Marina Pointe Drive #1512 Marina Del Rey, California 90292 U.S.A. の Yokoi & Co. U.S.A., Inc. の村松久子弁護士に願書番号と提出日を【願書番号 _____ 提出日 _____】に記入することを依頼する。

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 every way 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.

6) I / We hereby authorize and request my / our attorney, Hisako Muramatsu, Esq. of Yokoi & Co. U.S.A., Inc., 13700 Marina Pointe Drive #1512, Marina Del Rey, California 90292, U.S.A. to insert here in parentheses (Application Number: _____, filed _____) the filing date and application number of said application when known.

Date 日付	<u>July 8, 2005</u>	Inventor Signature 発明者署名	<u>Takehiro Onomatsu</u> 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	_____	(SEAL 印))
Date 日付	_____	Inventor Signature 発明者署名	_____	(SEAL 印))
Date 日付	_____	Inventor Signature 発明者署名	_____	(SEAL 印))
Date 日付	_____	Inventor Signature 発明者署名	_____	(SEAL 印))
Date 日付	_____	Inventor Signature 発明者署名	_____	(SEAL 印))