PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | | | |
|-----------------------|--|--|--|--|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the Name of the Assignee and the Address of the Assignee previously recorded on Reel 021855 Frame 0365. Assignor(s) hereby confirms the Corrected Assignment. | | | | |

CONVEYING PARTY DATA

| Name | Execution Date | |
|----------------------|----------------|--|
| Takefumi WAKABAYASHI | 11/11/2008 | |

RECEIVING PARTY DATA

| Name: | Panasonic Communications Co., Ltd. | | |
|-----------------|---|--|--|
| Street Address: | I-62, Minoshima 4-chome, Hakata-ku, Fukuoka-shi | | |
| City: | Fukuoka | | |
| State/Country: | JAPAN | | |
| Postal Code: | 812-8531 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | |
|----------------|---------|--|--|--|
| Patent Number: | 7480714 | | | |

CORRESPONDENCE DATA

Fax Number: (703)716-1180

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: GREENBLUM & BERNSTEIN, P.L.C.

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Address Line 4: Reston, VIRGINIA 20191

| ATTORNEY DOCKET NUMBER: | P21060 | | |
|-------------------------|--------------------|--|--|
| NAME OF SUBMITTER: | William E. Lyddane | | |

Total Attachments: 6

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PATENT REEL: 022597 FRAME: 0923 11/19/2008 22:23 IFAX EFAXES \bigcirc 004/004 USPTO 11/19/2008 9:23:17 PM PAGE 4/004 Fax Server

TO: GREENBLUM & BERNSTEIN, P.L.C. COMPANY: 1950 ROLAND CLARKE PLACE

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 11/19/2008 500708371



| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| | |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Takefumi WAKABAYASHI | 11/11/2008 |

RECEIVING PARTY DATA

| Name: | Panasonic Corporation | | |
|-----------------|-------------------------------|--|--|
| Street Address: | 1006, Oaza Kadoma, Kadoma-shi | | |
| City: | Osaka | | |
| State/Country: | JAPAN | | |
| Postal Code: | 571-8501 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 09995696 |

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ATTORNEY DOCKET NUMBER: P21060

NAME OF SUBMITTER:

Steven Wegman

Total Attachments: 1

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PATENT

REEL: 022597 FRAME: 0924



Assignment Form 3.0 (Oct. 2008)

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|---|--|--|---|--|---|--|
| Panasonic Refr: P25352-01 | | • • | | 95,696 | | |
| Japan Firm Name: US Firm Name*: Greenblum & Bernstein, I | 21.0 | | | 0 | | |
| (* mus be filld) | .L.O. | os ana No. | 72100 | ··· | | |
| | ASSIG | MENT | | | | |
| WHEREAS, the undersigned has (have) invented Box 1 | the invention entitled: | | | | | |
| Title of Invention: Monitoring Apparatus And Monitoring Not Transmission System Of Receiver Termin | a | | | | | |
| | | J.S. patent apolicetion (chack on | | | | |
| (a)□ for which an application for U.S. patent | | | | swith, or | | |
| (b)□ for which an application for U.S. patent of Declaration & Assignment are signed as the same view these folians | has been executed make as cato; in the blant: if it | on the following date(s):_ e Declaration was signal before this date | enment, enter he d | acels) on which you signal the Dec | , OF (eretion) | Correction |
| (C)□ for which an International Application ha (for the PCF-US national entry, check only (c) and enter PCT applicat | ion number in the right) | PCT Application No. | | | and, | Correction Authorized by Client. WEZ |
| | | after Ming U.S. patent applicati | | N | , | Cherr WEZ |
| d) of for which an application for U.S. patent | nas been filed on: | 1-62 Minos | nima 4 | November 29, 200 | rand, ata- | ku Eukuoka-ahi |
| anasonic Communications WHEREAS, Persoonic Corneration of 1689 its/their heirs, successors, legal representatives an | 6. Ogra Kadoma, Kad | tenia shi, Goake 571 8501 | AFAN, and | chome, nak | | ukuoka Japan |
| NOW, THEREFORE, for good and valuable be legally bound hereby, the undersigned, by these title and interest in and to; (i) said invention in the Use the United States) and in all countries foreign to disclosing said invention, including provisionals, thereof in the United States and all countries foreign provisionals thereof in the United States and all countries foreign provisionals, thereof in the United States and all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and in all countries foreign to the United States and all countries foreign to the United States and all countries foreign and producing evidence and proceeding with such title and interest in and to said invention, this application as the Assignee(s) may dee The undersigned agree(s) to perform all affir patent(s) to the Assignee(s) and to vest all rights the undersigned if this Assignment had not been in The undersigned hereby authorize(s) and reserved and hereby coverants that the undersigned has (have) not executed, and will not execute, any assistency executed by the undersigned in connec The undersigned hereby grant(s) the Assignee(s) further identification which may be necessary or document. The undersigned hereby agree(s) that the all The undersigned hereby agree(s) that this A the United States. IN WITNESS WHEREOF, executed by the united States. IN WITNESS WHEREOF, executed by the united States. | e presents, does sell. Julited States of Americ the United States; an non-provisionals, coin to the United States; an non-provisionals, coin to the United States if freaty relating therefore the States for the full the provisional of the states for the full the states of the stat | assign and transfer unto said a, its territories, dependenci d (ii) this patent application a versions, divisions, continu (hereinafter designated as "F; and (iii) any and all Letters; and all injusts to sue for pasarm or terms thereof, ection with this application a in connection with claims of necessary in connection with the Assignee (s), and also to elent. I have been connected to the connection with the Assignee (s), and also to elent. I have been connected to the connecte | Assigned(s) es and posse and any and a attent(s), incit t and future it and any and air provisions on any interfer ingree(s) in each art of a valid irrely as the signed and a foreigned and art of a valid irrely as the signed and of a valid irrely as the source separated assigned. Illet herewith, assigned a union of the power for the power for the power for the law of the law of the law of the | the entire and exclusive sistents of the control of | e right, grated ation(s) alsaues (ghts of insions, in the hereof, vention actared ataining e right, in any nection foreign held by ty is to mee(s) and has wer of ant any of this | |
| (e) First Name, Last Name | oina) | (f) Signature | | (g) Date signe | | |
| (1) Takefumi WAKABAYASHI | Takepur | mi Wakabay | ishi | Month, Dale, Year Mov. []. | 2008 | |
| (2) | | | | Month, Dale, Year | | |
| (3) | | | | Montil, Dale, Yesi | , ., | |
| (4) | | | | Month, Dale, Yeer | | |
| ☐Check if additional paper(s) is/are attached. Total | | ubmitted. P21060 00569685.DOC)1 | | | <u></u> | |

PATENT REEL: 022597 FRAME: 0925

RECORDED: 04/28/2009