

06-12-2001



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FORM PTO-1596
1-31-92

DOCKET NO.: 041-2046

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

<p>1. Name of conveying party(ies):</p> <p>1) Shinji NOJIMA b-7-01</p> <p>Additional name(s) of conveying party(ies) attached? <u>No</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.</p> <p>Internal Address:</p> <p>Street Address: 1006, Oaza Kadoma</p> <p>City: Kadoma-shi State or Area: Osaka Zip/Postal Code: 571-0050 Country: Japan</p> <p>Additional name(s) & address(es) attached? <u>No</u></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: November 26, 1998</p>	

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

<p>A. Patent Application No(s).</p> <p>09/201,123 filed November 30, 1998</p>	<p>B. Patent No(s).</p>
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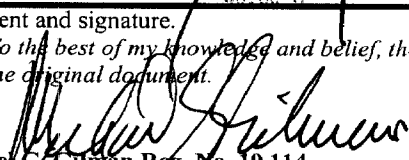
Additional numbers attached? No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: LOWE HAUPTMAN GILMAN & BERNER</p> <p>Internal Address:</p> <p>Street Address: 1700 Diagonal Road, Suite 310</p> <p>City: Alexandria State: VA ZIP: 22314</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$40.00</p> <p><input checked="" type="checkbox"/> Please find enclosed Check No. 5197</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:</p>
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.



Michael G. Gilman Reg. No. 19,114 Signature **June 7, 2001**
 Name and Registration No. of Person Signing Date

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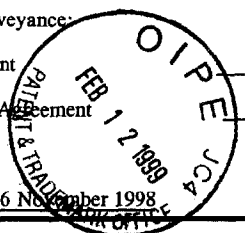
Additional name(s) of conveying party(ies) attached? Yes No

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

Street Address: 1006, Oaza Kadoma-shi

City: Osaka State/Country: Japan ZIP: 571-0050
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 26 November 1998



4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s).
09/201,123

Additional numbers attached? Yes No

B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER
Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... \$40.00
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9. Statement and signature.
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Israel Gopstein, Reg. No. 27,333 [Signature] 12 February 1999
Name and Registration No. of Person Signing Signature Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

02/17/1999 SBURNS 00000106 09201123
01 FC:581 40.00 DP

PATENT
REEL: 011870 FRAME: 0781

Docket No.: _____

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|--------------------------|-----------|
| (1) <u>Shinji NOJIMA</u> | (4) _____ |
| (2) _____ | (5) _____ |
| (3) _____ | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MULTIMEDIA SERVER

(a) for which an application for United States Letters Patent was filed on 30 November 1998, and identified by United States Serial No. 09/201,123; or

(b) for which an application for United States Letters Patent was executed on November 26, 1998,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- 1) *Shinji Nojima*
Name: Shinji Nojima
- 2) _____
Name: _____
- 3) _____
Name: _____
- 4) _____
Name: _____
- 5) _____
Name: _____
- 6) _____
Name: _____

- November 26, 1998
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