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FORM PTO-1596
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: 041-2061

100997243

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

JC542 U.S. PTO
09/27/1383

03/18/99

1. Name of conveying party(ies):

Hiroyuki NISHI

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, Kadoma-shi

City: Osaka State/Country: Japan ZIP: 571-8501

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: March 15, 1999

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: March 15, 1999

A. Patent Application No(s).

B. Patent No(s).

09/271383

Additional numbers attached? Yes No

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: _____

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9. Statement and signature.

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.

Israel Gopstein, Reg. No. 27,333

Name and Registration No. of Person Signing

Signature

March 18, 1999

Date

Total number of pages comprising cover sheet: 1

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

03/25/1999 SCARNICH 00000015 09271383

03 FC:581

40.00 DP

PATENT
REEL: 9841 FRAME: 0514

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,

Hiroyuki NISHI

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 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

TEMPLATE SET FOR GENERATING A HYPERTEXT FOR DISPLAYING A PROGRAM GUIDE AND SUBSCRIBER
TERMINAL WITH EPG FUNCTION USING SUCH SET BROADCAST FROM HEADEND

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on March 15, 1999,

and the undersigned hereby authorizes and requests 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, 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 agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees 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 date indicated aside my signature:

INVENTOR

DATE SIGNED

Hiroyuki Nishi

March 15, 1999

Name: Hiroyuki Nishi