

A/D 581-40

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COVER SHEET

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JC13 Rec'd PCT/PTO 04 JAN 2002

To the Honorable Assistant Secretary or copy(ies) thereof.

102012109

Remarks: Please record the attached original document(s)

1. Name of conveying party(ies):

Tomoyuki NONO

Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.

Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka
571-8501 Japan

Additional name(s) & address(es) attached? NO

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: December 19, 2001

4. Application number(s) or patent number(s): 10019781

If this document is being filed together with a new application, the execution date of the application is: December 19, 2001

A. Patent Application No.(s)
New, filed January 4, 2002

B. Patent No.(s)
, issued

Additional numbers attached? NO

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

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Charles R. Watts, Esq.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

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

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Charles R. Watts, Reg. No. 33,142 *Charles R. Watts* January 4, 2002
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Tomoyuki NONO

Insert Name(s)
of Inventor(s)

Insert Name(s)
of Assignee(s)

Address

the undersigned hereby sell(s) and assign(s) to

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

DIGITAL BROADCAST RECORDING/VIEWING SUPPORT APPARATUS

Title of
Invention

for which an application for patent in the United States has been executed by the undersigned on

December 19, 2001

Date of Signing
Application

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

