

08-30-2001

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTo the Honorable Assistant Secretary and
or copy(ies) thereof.

101829536

Please record the attached original document(s)

1. Name of conveying party(ies):

Takaaki KONISHI, Hiroshi AZAKAMI, Kazuya UEDA and
Naoya TOKUNAGAAdditional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other ☐Execution Date: June 14, 2001

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

Name: Matsushita Electric Industrial Co., Ltd.Street Address: 1006, Oazakadoma, Kadoma-shi,City: Osaka-fu, Country: JapanAdditional name(s) & address(es) attached? No

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

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

A. Patent Application No.(s)
09/878,427, filed June 12, 2001B. Patent No.(s)
, issuedAdditional numbers attached? No5. 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 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). \$40.00☒ Enclosed (Check No. 46161)
Authorized to be charged to deposit account8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*Charles R. Watts, Reg. No. 33,142
Name of Person Signing

Signature

August 28, 2001
DateTotal number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information:

Commissioner and Assistant Secretary of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

09/30/2001 LHMELLER 00000241 09878427

01 FC:561

40.00 CP

PATENT
REEL: 012111 FRAME: 0166

ASSIGNMENT

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

Takaaki KONISHI

Hiroshi AZAKAMI

Insert Name(s)
of Inventor(s)

Kazuya UEDA

Naoya TOKUNAGA

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

Insert Name(s)
of Assignee(s)

Matsushita Electric Industrial Co., Ltd.

Address

of 1006, Oazakadoma, Kadoma-shi, Osaka-fu, 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 RECEIVING APPARATUS

Title of
Invention

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

Date of Signing
Application

June 14, 2001

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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	June 14, 2001	Name of Inventor	<u>Takaaki Konishi</u>	Takaaki KONISHI
Date	June 14, 2001	Name of Inventor	<u>Hiroshi Azakami</u>	Hiroshi AZAKAMI
Date	June 14, 2001	Name of Inventor	<u>Kazuya Ueda</u>	Kazuya UEDA
Date	June 14, 2001	Name of Inventor	<u>Naoya Tokunaga</u>	Naoya TOKUNAGA
Date		Name of Inventor		
Date		Name of Inventor		

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness	<u>Masaki Hirokawa</u>
Witness	<u>Ritsuko Yamamoto</u>

ACKNOWLEDGMENT

_____ } SS

This _____ day of _____, 19_____, before me
personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL	_____ Official Signature
	_____ Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No.	_____	Filing Date	June 12, 2001
Applicant Reference No.	FP-0817	Atty. Docket No.	_____
Title of Invention	DIGITAL BROADCAST RECEIVING APPARATUS		