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U.S. DEPARTMENT OF COMMERCE

FORM PTO-1585 Rec



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

101706922

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tetsujiro Kondo Yasuhiro Fujimori
James J. Carrig
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Sony Corporation
Internal Address: _____

Street Address: 7-35 Kitashinagawa,
6-Chome, Shinagaw-ku
City: Tokyo State _____ ZIP _____
Country: Japan
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 4/19/01, 4/22/01

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)

09/724,808

Additional numbers attached? Yes No

6. Total Number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP
Internal Address: Seventh Floor
Street Address: 12400 Wilshire Boulevard

City: Los Angeles State: CA ZIP: 90025

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charge to deposit account
8. Deposit Account Number: 02-2666
(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.

Maria McCormack Sobrino Maria McCormack Sobrino April 25, 2001
Reg. #31,639
Name of Person Signing Signature Date

Total number of pages comprising cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

Docket No. 80398.P385

PATENT
REEL: 011758 FRAME: 0515

No.: 80398.P385 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We,
the undersigned, Tetsujiro Kondo, Yasuhiro Fujimori, and James J. Carrig,
hereby sell, assign, and transfer to Sony Corporation
a corporation of Japan, having a principal place of business at
7-35 Kitashinagawa, 6-Chome, Shinagawa-ku, Tokyo, Japan, and
Sony Electronics, Inc. a corporation of Delaware, having a principal place of
business at 1 Sony Drive, Park Ridge, New Jersey 07656, ("Assignees"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the
United States and all foreign countries, in and to any and all improvements that are disclosed in
the application for the United States patent that was filed November 28, 2000 and assigned
Application No. 09/724,808 and is entitled

**RESOLUTION ENHANCEMENT BY NEAREST NEIGHBOR CLASSIFIED
FILTERING**

and in and to said application and all divisional applications, continuation applications,
continued prosecution applications, continuation-in-part applications, substitute applications,
renewal applications, reissue applications, reexaminations, extensions, and all other patent
applications that have been or shall be filed in the United States and all foreign countries on
any of said improvements; and in and to all original patents, reissued patents, reexamination
certificates, and extensions that have been or shall be issued in the United States and all
foreign countries on said improvements; and in and to all rights of priority resulting from the
filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said
improvements in its own name; and that, when requested, without charge to, but at the
expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in
good faith the intent and purpose of this Assignment, the undersigned will execute all divisional
applications, continuation applications, continued prosecution applications, continuation-in-part
applications, substitute applications, renewal applications, reissue applications, reexaminations,
extensions, and all other patent applications on any and all said improvements; execute all
rightful oaths, assignments, powers of attorney, and other papers; communicate to said
Assignee, its successors, assigns, and representatives all facts known to the undersigned
relating to said improvements and the history thereof; and generally assist said Assignee, its
successors, assigns, or representatives in securing and maintaining proper patent protection
for said improvements and for vesting title to said improvements, and all applications for
patents and all patents on said improvements, in said Assignee, its successors, assigns, and
legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no
assignment, grant, mortgage, license, or other agreement affecting the rights and property

herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: April 22, 2001 Tetsujiro Kondo
Name: Tetsujiro Kondo

Date: April 22, 2001 Yasuhiro Fujimori
Name: Yasuhiro Fujimori

Date: April 19, 2001 James J. Carrig
Name: James J. Carrig

State of: _____ }
County of: _____ } SS. Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8300

On this _____ day of _____ 20 __, before me, _____,
the undersigned Notary Public, personally appeared _____

[] personally known to me [] proved to me on the basis of satisfactory evidence to
be the person(s) whose name(s) subscribed to the within instrument, and
acknowledged that executed it.

WITNESS my hand and official seal.

Notary's Signature

Attachment to Assignment Recordation Cover Sheet

Sony Electronics, Inc.
1 Sony Drive
Park Ridge, NJ 07656

Title: RESOLUTION ENHANCEMENT BY NEAREST NEIGHBOR CLASSIFIED
FILTERING

Serial No.: 09/724,808

Docket No.: 80398.P385