

04-19-1999

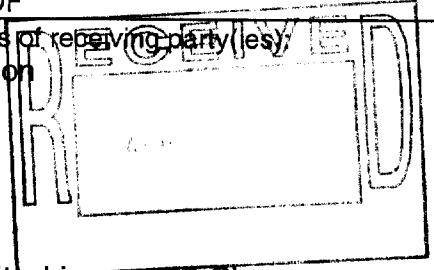


101016594

Case Docket No. 50M2477/989

TO THE HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS:
PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF

<p>1. Name of conveying party(ies): Chon In Kou Tomonari Tohara</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: Sony Corporation</p> <p>Internal Address:</p> <p>Street Address: 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku</p> <p>City: Tokyo Country: Japan</p> <p>Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: March 18, 1999</p>	



4. Application number(s) or patent number(s): unknown
If this document is being filed together with a new application, the execution date of the application is:

Date

<p>A. Patent Application No(s): 09/236,822</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No(s):</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: GREGORY J. KOERNER Carr & Ferrell, LLP Street Address: 2225 East Bayshore Road, Suite 200 City: Palo Alto State: CA ZIP: 94303</p>	<p>6. Number of applications and patents involved: [1]</p> <p>7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 06-0600 (Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature:
To the best of my knowledge and belief, the foregoing information is true and correct and an attached copy is a true copy of the original document.

Wendi R. Schepler Wendi R. Schepler 4/16/1999
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: [4]

40.00 UP
09/236,822

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ATTACHMENT TO (BOX No. 2) NAME AND ADDRESS OF RECEIVING PARTIES

NAME: Sony Electronics Inc.

STREET: 1 Sony Drive

CITY: Park Ridge

STATE: New Jersey

ZIP CODE: 07656

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, **Chon In Kou** and **Tomonari Tohara**, do hereby sell, assign, and transfer to **Sony Corporation**, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan, and to **Sony Electronics Inc.**, a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 ("Assignees"), their 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 which are disclosed in the application for United States Letters Patent Serial No. 09/236,822, filed on January 25, 1999, entitled:

"Apparatus And Method For Efficient Memory Utilization In An Electronic System"

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which 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 and reissued patents which 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; and

Agree that said Assignees may apply for and receive Letters Patent for said improvements in their own names; and that, when requested, without charge to, but at the expense of, said Assignees, their successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, 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 Assignees, their successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignees, their successors, assigns or representatives shall consider desirable for aiding 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 Assignees, their successors, assigns and legal representatives; and

Covenant with said Assignees, their 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: 3/18/99

Name: Chon In Kou
Chon In Kou

Date: 3/18/99

Name: Tomonari Tohara
Tomonari Tohara

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

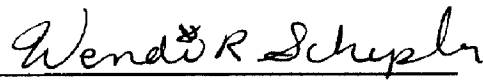
APPLICANTS: Chon In Kou and Tomonari Tohara
SERIAL NO.: 09/236,822
FILING DATE: January 25, 1999
TITLE: Apparatus And Method For Efficient Memory Utilization
In An Electronic System
ATTY.DKT.NO.: 50M2477/989

BOX ASSIGNMENT
COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Assignment, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date printed below:

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Wendi R. Schepler
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