

FORM PTO-1595
(Rev. 06/93)

9/17/03

10-01-2003

U.S. Department of Commerce
Patent and Trademark Office

OMB No. 0651-0011 (Exp. 04/94)

Attorney Docket No.: SONY-26500

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



102563933

Sir:

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Xin Xue Naoyuki Sato</p> <p>Additional name(s) of conveying party(ies) attached.</p>	<p>2. Name and address of receiving party(ies): Sony Corporation 6-7-35 Kitashinagawa Shinagawa, Tokyo 141</p> <p>Sony Electronics Inc. 1 Sony Drive Park Ridge, NJ 07656-8003</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: <u>September 17, 2003</u></p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">16034 U.S. PTO 10/666402 09/17/03</p>
<p>4. Application number(s) or patent number(s): <u>10/666402</u></p> <p><input checked="" type="checkbox"/> This document is being filed together with a new application, the execution date of the application is: <u>September 17, 2003</u> <input type="checkbox"/> Patent Application Serial No.(s): filed on . <input type="checkbox"/> Patent No.(s): . <input type="checkbox"/> Additional numbers attached.</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Jonathan O. Owens HAVERSTOCK & OWENS LLP 162 North Wolfe Road Sunnyvale, California 94086</p>	<p>6. Total number of applications and patents involved: <u>1</u>.</p> <p>7. Total fee(s) [37 CFR §§ 1.21(h) and 3.41]: <input checked="" type="checkbox"/> Check(s) in the amount of <u>\$2,176.00</u> (\$2,136.00 for basic filing fee plus \$40.00 for assignment recordation filing fee) enclosed.</p> <p>8. Authorization to Charge Additional Fees: <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication and which may be required under 37 CFR §§ 1.21(h) and 3.41 to Deposit Account No. <u>08-1275</u>.</p>
<p>9. 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.</p> <p>Dated: <u>September 17, 2003</u></p> <p>Signature: <u><i>Jonathan O. Owens</i></u> Name: <u>Jonathan O. Owens</u> Reg. No.: <u>37,902</u></p> <p>Total number of pages including cover sheet, attachments, and document: <u>2</u></p>	

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ASSIGNMENT

WHEREAS, WE, Xin Xue, and Naoyuki Sato, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: MIDDLEWARE FILTER AGENT BETWEEN SERVER AND PDA

Date of execution of application: _____ Filing Date: _____ Serial No.: _____

WHEREAS, SONY CORPORATION, a Japanese corporation, 6-7-35 Kitashinagawa, Shinagawa, Tokyo, 141, Japan and SONY ELECTRONICS, INC., a corporation of the State of Delaware, 1 Sony Drive, Park Ridge, NJ 07656-8003, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

Xin Xue
Xin Xue

9/17/2003
Date

Naoyuki Sato
Naoyuki Sato

Sep 17, 03
Date

STATE OF California

COUNTY OF Santa Clara

On Sep 17, 2003 before me, Danielle Rae Dalton

personally appeared Xin Xue and Naoyuki Sato
 personally known to me - OR proved to me on the basis of satisfactory evidence to be the person(s) whose names are subscribed to the within instrument and acknowledged to me that ~~he/she~~ they executed the same in ~~his/her~~ their authorized capacity(ies), and that by ~~his/her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



SEAL

WITNESS my hand and official seal.
Danielle Rae Dalton
Signature of Notary Public