U.S. PTO 12/381517 03/12/2009 03-24-2009



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PATENTS ONLY

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To the Director of the U.S. Patent and Trademark Office: Please r	
1. Name of conveying party(ies)/Execution Date(s): KAZUHIRO FUKUDA (12/16/2008), KAZUTO MUGURA (12/17/2008), NARIAKI SATOH (12/18/2008), IPPEI TAMBATA (12/22/2008),	2. Name and address of receiving party(ies) SONY ERICSSON MOBILE Name: COMMUNICATIONS JAPAN, INC. Internal Address:
Execution Date(s): in parentheses after inventor name Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of Conveyance: X Assignment Merger Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other	Street Address: 1-8-15, Konan, Minato-Ku Tokyo 108-0075 JAPAN City: State: Country: Additional name(s) & address(es) attached:
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers attached?	his document is being filed together with a new application. B. Patent No.(s) Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Atty. Dkt.: SONYJP 3.0-1852	Authorized to be charged by credit card
Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: Westfield	8. Payment Information
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers
Phone Number: (908) 518-6374	Expiration Date
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9. Signature: Signature	ยัง/23/2009 มีหาหิคอั ยยยยยยง เอเชร่ง เองียเอง อัเ FO:8821 March 12,2009 Date
Dennis M. Smid, Esq 34,930	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

Form PTO-1595 (Continued)				
Additional C	onveying Party(ies)/Execution	n Date(s) (1. Continued):		
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Additional Applications and/or Patents (4. Continued):				
Additional Patent A	Application Numbers	Additional Patent Numbers 4B. Continued:		
	Additional numbers attact	ned? Yes No		

Docket No.: SONYJP 3.0-1852

Docket	Number:	

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole invento only one name is listed below) or a ipint inventor (if plural names are listed below) of certain perparative improvements in PROCESSING APPARATUS, CONTENT REPRODUCTION PROCESSING APPARATUS, DEVICE CONTROL APPARATUS, COOPERATIVE PROCESSING SYSTE for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my na and address: AND WHEREAS, SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC., a Japanese corporation with offices at 1-8-15. Konan, Minato-Ku, Tokyo, Japan and Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or sir legal protection which may be granted therefor in the United States and in any and all foreign countries; NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title a interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Lette Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all prior. rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Conventi Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of Ameri adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue t said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto; And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to n and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said inventio applications and Letters Patent of the United States and countries foreign thereto; And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawf papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require ar prepare at its own expense; And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documen relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known an accessible to me and will testify as to the same in any interference or litigation related thereto; And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into whic would conflict with this assignment and sale. And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: This assignment executed on the dates indicated below. Kazuhiro FUKUDA Name of first or sole inventor Execution date of U.S. Patent Application Kanagawa, Japan Residence of first or sole inventor Cauhino Frehuda December 16, 2008

Date of this assignmen

> PATENT REEL: 022444 FRAME: 0407

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PATENT REEL: 022444 FRAME: 0408

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Signature of ninth inventor	Date of this assignme

PATENT REEL: 022444 FRAME: 0409

RECORDED: 03/12/2009