

07-01-2002



Form PTO-1595

U.S. Department of Commerce

RI

Docket No. 20381-28 (50P4138.01) Page 1 of 2

102140503

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael Hoch
 Richter A. Rafey
 Hubert Le Van Gong
 Adam Brownstein

Additional name of conveying party attached? ☐ Yes ☒ No

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

Name: Sony Corporation

Internal Address: _____

Street Address: 7-35 Kitashinagawa 6-Chome,Shinagawa-KuCity: Tokyo Country: JAPAN ZIP: _____Additional name(s) and address(es) attached? ☒ Yes ☐ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____Execution Date 11/1/01, 10/31/01, 10/31/01, 5/30/02, respectively

4. Application number(s) or patent numbers:

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

A. Patent Application No.(s) 09/942,251

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address party to whom correspondence concerning document should be mailed:

Name: Claude A.S. HamrickOPPENHEIMER WOLFF & DONNELLY LLPInternal Address: P.O. Box 10356

Street Address: _____

City: Palo Alto State: California ZIP: 943036. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00☒ Enclosed☒ Any discrepancy or overpayment is authorized to be charged to deposit account

8. Deposit Account number:

02-3964

(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.

Claude A.S. Hamrick

Name of Person Signing

Signature

Date 6/18/02Total number of pages including cover sheet, attachments, and document: 6

07/01/2002 LMUELLER 00000067 09942251

01 FC:581

40.00 DP

SV: 260200 v01 06/17/2002

PATENT
REEL: 013026 FRAME: 0820

RECORDATION FORM COVER SHEET

Docket No. 20381-28 (50P4138.01) Page 2 of 2

PATENTS ONLY

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael Hoch
Richter A. Rafey
Hubert Le Van Gon
Adam BrownsteinAdditional name of conveying party attached? ☐ Yes ☒ No

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

Name: Sony Electronics, Inc.

Internal Address: _____

Street Address: 1 Sony DriveCity: Park Ridge State: New Jersey ZIP: 07656Additional name(s) and address(es) attached? ☒ Yes ☐ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other: _____Execution Date: 11/1/01, 10/31/01, 10/31/01, 5/30/02, respectively

4. Application number(s) or patent numbers:

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

A. Patent Application No.(s) 09/942,251

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address party to whom correspondence concerning document should be mailed:

Name: Claude A.S. HamrickOPENHEIMER WOLFF & DONNELLY LLPInternal Address: P.O. Box 10356

Street Address: _____

City: Palo Alto State: California ZIP: 943036. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00☒ Enclosed☒ Any discrepancy or overpayment is authorized to be charged to deposit account

8. Deposit Account number:

02-3964

(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.

Claude A.S. Hamrick

Name of Person Signing

Signature

Date

6/16/02Total number of pages including cover sheet, attachments, and document: 6

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in "METHOD AND APPARATUS FOR A FRAMEWORK FOR STRUCTURED OVERLAY OF REAL TIME GRAPHICS" for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter referenced as ASSIGNEES) 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 similar 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 do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees 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 of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, 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 lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and 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 which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in the spaces that follow: Serial Number: 09/942,251, Filing Date: August 28, 2001.

This assignment executed on the dates indicated below.

Michael Hoch
Name of first inventor
5336 Bellwood Way, San Jose CA 95118
476 N. Milton Avenue, Campbell, CA 95008
Residence of first or sole inventor

11/01/01
Execution date of U.S. Patent Application

U. Hoch
Signature of first or sole inventor

11/01/01
Date of this assignment

STATE OF California
COUNTY OF Santa Clara ss.

On this 1 day of November, in the year of 2001, before me, the undersigned notary public, personally appeared the above-named assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public



Richter A. Raley

Name of third inventor

1467 Lexington St.
1394 Jackson St., Santa Clara, CA 95050

10/31/01
Execution date of U.S. Patent Application

Residence of third inventor

Signature of third inventor

10/31/01
Date of this assignment

STATE OF

CALIFORNIA
COUNTY OF Santa Clara ss.

On this 3 day of October, in the year of 2001, before me, the undersigned notary public, personally appeared the above-named assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public

Hubert Le Van Gong
Name of second inventor

10/31/01
Execution date of U.S. Patent Application

444 Saratoga Ave., Apt 8C, Santa Clara CA
Residence of second inventor

Signature of second inventor

10/31/01
Date of this assignment

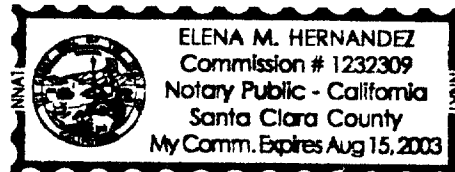
STATE OF

COUNTY OF

California
Santa Clara ss.

On this 31 day of October, in the year of 2001, before me, the undersigned notary public, personally appeared the above-named assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public



Adam Brownstein

Name of fourth inventor

4/1/02

Execution date of U.S. Patent Application

101 W. 87th Street, No. 9C, New York, NY 10024

Residence of fourth inventor

Signature of fourth inventor

5-30-02
Date of this assignment

STATE OF _____)
COUNTY OF _____) ss.

On this _____ day of _____, in the year of _____, before me, the undersigned notary public, personally appeared the above-named assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public

SV: 231871 vol 10/20/2001

RECORDED: 06/26/2002

PATENT
REEL: 013026 FRAME: 0825