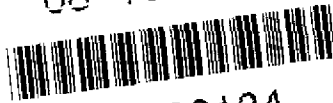


08-16-2002

OMB No. 0651-0027 (exp. 5/31/2002)



102193134

Tab settings

To the Honorable Commissioner of Patents

Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Simon Gibbs
Hubert Le Van Gong

8-8-02

2. Name and address of receiving party(ies)

Name: Sony Corporation

Internal Address:

J1036 U.S. PTO
10/215984
06/06/02

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 7-35 Kitashinagawa 6-Chome,
Shinigawaw-Ku

City: Tokyo, Japan State: Zip:

Execution Date: 08/06/2002

Additional name(s) & address(es) attached? Yes No

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: 08/06/02

10,215984

A. Patent Application No.(s) Filed Herewith

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Richard H. Butt

Internal Address:

Street Address: 5655 Silver Creek Valley Road
#106

City: San Jose State: CA Zip: 95138

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

See Transmittal

DO NOT USE THIS SPACE

9. Signature.

Richard H. Butt
Name of Person Signing

Signature

8/8/02
Date

Total number of pages including cover sheet, attachments, and documents: 4

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

08/13/2002 EFLORCE 00000017 10215984

34 FC:581

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PATENT
REEL: 013194 FRAME: 0489

2. Name and Address of Receiving Party Continued....

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

Attorney Docket No.: Sony-01500
ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Simon Gibbs of San Jose, CA; and Hubert Le Van Gong of Santa Clara, CA (hereafter "ASSIGNORS"), hereby sell, assign, and transfer to 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. (hereafter "ASSIGNEES") and ASSIGNEES' successors, assigns, and legal representatives: ASSIGNORS' entire right, title, and interest in and to the invention entitled "A System and Method for Enhancing Real-Time Data Feeds" invented by ASSIGNORS,

(a) the application for United States patent therefor,
X filed herewith,
executed by ASSIGNORS on _____

(b) any patent or reissues of any patent that may be granted thereon;

(c) any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

ASSIGNORS request and authorize the Commissioner of Patent and Trademarks to issue any resulting patent(s) from said applications to ASSIGNEES.

ASSIGNORS hereby further sell, assign, and transfer to ASSIGNEES, ASSIGNORS' entire right, title, and interest in and to said invention in each and every country foreign to the United States; and ASSIGNORS further convey to ASSIGNEES all priority rights resulting from the above-identified application for United States patent. ASSIGNORS agree to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEES' expense, as ASSIGNEES may require to enable ASSIGNEES to perfect ASSIGNEES' interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and ASSIGNEES' interest therein.

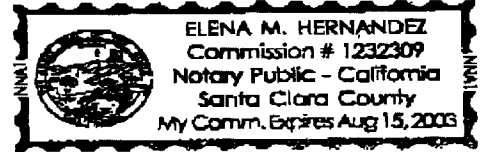
Simon Gibbs

Dated: 8/6/02

Simon Gibbs

STATE OF California

COUNTY OF Santa Clara



On this 6 day of August, in the year of 2002, before me,

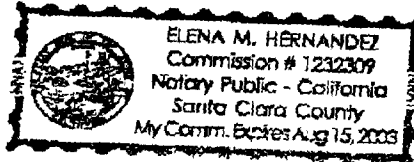
Elena M. Hernandez, Notary Public, personally appeared the above-named assignors, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that ~~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.

Elena M. Hernandez
Notary Public

[Signature]
Hubert Le Van Gong

Dated: 08/06/02

STATE OF California
COUNTY OF Santa Clara, ss.



On this 6th day of August, in the year of 2002, before me, Elena Hernandez, Notary Public, personally appeared the above-named assignors, ~~personally 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 to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, and that 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.

[Signature]
Notary Public