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To the Honorable Commissioner of

103275297

Please record the attached original documents or copy thereof.

1. Name of conveying party

SONY INTERNATIONAL (Europe) GmbH

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

2. Name and address of receiving party(ies)

SONY DEUTSCHLAND GmbH
Hugo-Eckener-Str. 20,
50829, Köln, Germany

3. Nature of conveyance:

☒ Assignment
☐ Security Agreement
☐ Merger
☐ Change of Name
☐ Other:Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date(s): May 24, 2006

4. Application Serial Number(s) : 10/008,179; 10/006,636; 09/990,049; 10/636,843; 10/234,543; 10/870,414; 10/498,166; 10/805,770; 10/631,351; 10/925,082; 10/942,713; and 11/003,805 (For further information, see attached Schedule A)

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

A.

Additional numbers attached? ☐ Yes ☒ No

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

Name: WILLIAM S. FROMMER
Internal Address: FROMMER LAWRENCE & HAUG LLP
Street Address: 745 FIFTH AVENUE
City: NEW YORK State: NY Zip: 10151

6. Total number of applications and patents involved

12

7. Total fee (37 CFR 3.41)

☒

\$ 480.00

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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.

William S. Frommer, Reg. No. 25,506

July 11, 2006

Name of Person Signing

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ASSIGNMENT


WHEREAS **SONY INTERNATIONAL (Europe) GmbH** (hereinafter

"Assignor"), a German corporation having offices at Hugo-Eckener-Str. 20, 50829 Köln, Germany, is the owner of the entire right, title and interest in and to the inventions disclosed in the United States Patent Applications listed on **Schedule A** herein;

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns and transfers to **SONY DEUTSCHLAND GmbH**, a German corporation, having offices at Hugo-Eckener-Str. 20, 50829 Köln, Germany, (hereinafter referred to as "Assignee"), its successors and assigns, its entire right, title and interest in and to said invention, and to any and all patents, reexaminations, reissues, continuations, continuation-in-parts, divisionals or extensions thereof, in the United States of America, to be held and enjoyed as fully as they would have been by Assignor, had this assignment and transfer not been made, including the right to seek and obtain for Assignee's own benefit, injunctive relief and recovery of damages for any past and/or future infringements, including enhanced damages and/or attorneys' fees;

By virtue of this Assignment, Assignor SONY INTERNATIONAL (Europe) GmbH authorizes and requests the Commissioner of Patents and Trademarks to transfer any and all rights Assignor may have to any Letters Patent of the United States for said inventions resulting from the aforementioned application, in the name of **SONY DEUTSCHLAND GmbH** as assignee.

In witness whereof, Assignor SONY INTERNATIONAL (Europe) GmbH has caused
this assignment to be executed on the day and year set forth below.


By: Nariyasu HAMAHATA
Name
Authorized Representative
SONY INTERNATIONAL (Europe) GmbH

May 24, 2006
Date

SCHEDULE A

Attorney Docket	Serial No.	Filing Date	Reel	Frame	Record- ation Date	Title
450117-03683	10/008,179	12/07/01	012373	0163	12/01/01	Linker Molecules for Selective Metallization of Nucleic Acids and Their Uses
450117-03592	10/006,636	12/06/01	012366	0432	12/06/01	Multifunctional Linker Molecules for Tuning Electronic Charge Transport Through Organic-Inorganic Composite Structures and Uses Thereof
450117-03449	09/990,049	11/21/01	012319	0397	11/21/01	Selective Metallization of Nucleic Acids Via Metal Nanoparticles Produce In-Situ
450117-04538	10/636,843	08/07/03	014388	0747	08/07/03	Method for Preparing a Nanowire Crossbar Structure and Use of a Structure Prepared by this Method
450117-04188	10/234,543	09/03/02	013535	0983	11/29/02	Solid Conjugated Semiconductor Device Having an Unmodified Hole Transport Material
450117-05222	10/870,414	06/16/04	016886	0286	08/15/05	Polymer Gel Hybrid Solar Cell
450117-04236	10/498,166	12/13/02	015945	0779	06/06/04	Method of Forming a Composite
450117-04922	10/805,770	03/22/04	015131	0076	03/22/04	Porous Film for Use in an Electronic Device
450117-04465	10/631,351	07/31/03	014356	0743	07/31/03	Method of Attaching Hydrophilic Species to Hydrophilic Macromolecules and Immobilizing the Hydrophilic Macromolecules on a Hydrophilic Surface
450117-05179	10/925,082	08/24/04	015735	0011	08/24/04	Method for Patterning Organic Materials or Combinations of Organic and Inorganic Materials
450117-05174	10/942,713	09/15/04	015803	0761	09/15/04	Method of Immobilizing and Stretching a Nucleic Acid on a Substrate
450117-05311	11/003,805	12/03/04	016067	0922	12/03/04	Method of Activating a Silicon Surface for Subsequent Patterning of Molecules onto said Surface