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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

TAKAHIRO ENDO  
KOICHIRO KEZUKA  
KAZUHITO HATTA  
TAKAYUKI KONDO

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: Sony Corporation

Internal Address: \_\_\_\_\_

7-35, Kitashinagawa 6-chome

Shinagawa-ku, Tokyo 141, Japan

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Name(s) & Address(es) attached ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date July 16, 19 & 23, 2002

## 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:

## A. Patent Application No.(s)

U.S. Serial No. 10/181,504 filed July 18, 2002

Attorney Docket No. 09793822-0169

## B: Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

**SONNENSCHN NATH & ROSENTHAL**  
P.O. Box #061080  
Wacker Drive Station  
Sears Tower  
Chicago, IL 60606-1080  
Customer ID No. 26263

## 6. Total number of applications and patents involved

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

☒ Enclosed

☐ Authorized to be charged to American Express Acct. No. 378571697401002. Form 2038 is attached for that purpose.

☒ Any deficiency is authorized to be charged to deposit account or any additional fees

## 8. Deposit Account Number:

19.3140

(Attach duplicate copy of this page if paying by deposit account)

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## 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.*

David R. Metzger

Name of Person Signing

Signature

October 3, 2002

Date

Total number of pages 3

Mail documents to be recorded and required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231+

10/30/2002 DBYRNE 00000244 10181504

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**ASSIGNMENT**

WHEREAS, I, as below named inventor, residing at the address stated next to our 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

**POLYMER ELECTROLYTE BATTERY AND METHOD FOR MANUFACTURING SAME**

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 141-0001 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 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 ASSIGNEE, 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 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 of ASSIGNEE or its design, as ASSIGNEE 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 ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE 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 serial number and filing date of this application in the spaces that follow: International Serial Number: PCT/JP01/10183; International Filing Date: 21 November 2001.

This assignment executed on the dates indicated below.

Takahiro ENDO  
Name of first or sole Inventor

Kanagawa, Japan  
Residence of first or sole Inventor

Takahiro Endo  
Signature of first or sole Inventor

July 16, 2002  
Execution Date of this Assignment

Koichiro KEZUKA

Name of second Inventor

Miyagi, Japan

Residence of second Inventor

Kazuhito HATTA

Name of third Inventor

Fukushima, Japan

Residence of third Inventor

Takayuki KONDO

Name of fourth Inventor

Fukushima, Japan

Residence of fourth Inventor

Koichiro Kezuka

Signature of second Inventor

July 19, 2002

Execution Date of this Assignment

Kazuhito Hatta

Signature of third Inventor

July 23, 2002

Execution Date of this Assignment

Takayuki Kondo

Signature of fourth Inventor

July 23, 2002

Execution Date of this Assignment