05-18-2004

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To the Honorable Commissioner of Patents and Trademarks	s: Please record the attached original documents or copy thereof.	
Name of conveying party(ies): Katsuya Shirai Toru Kihira Additional name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies): Name: Sony Corporation Internal Address:	
Nature of conveyance:		
x Assignment _ Merger	Street Address: 7-35, Kitashinagawa 6-chome Shinagawa-ku	<u> </u>
_ Security Agreement _ Change of Name	City: <u>Tokyo</u> : Zip: <u>141-0001</u>	
Other	Country: Japan	
Execution Date(s): 06-26-2003	Additional name(s) & address(es) attached? Yes N	٠
A. Patent Application No.(s) 10/466644	B. Patent No.(s)	
Additional important	AWARDAN TO VAN ENT NO	٠ ' ا
Name and address of party to whom correspondence	attached? Yes X No 6. Total number of applications and patents involved	: 1
5. Name and address of party to whom correspondence concerning document should be mailed: Thomas C. Basso Bell, Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690-1135	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)\$ 40.00 x Enclosed Authorized to be charged to deposit account 8. Deposit account number:	Pa
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Thomas C. Basso Bell, Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690-1135 312-807-4310 DO NOT US 9. Statement and signature.	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)\$ 40.00 x Enclosed Authorized to be charged to deposit account 8. Deposit account number: 02-1818 (Attach duplicate copy of this page if paying by deposit account)	Pa it
Thomas C. Basso Bell, Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690-1135 312-807-4310 DO NOT US 9. Statement and signature. To the best of my knowledge and belief, the foregoing	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)\$ 40.00 x Enclosed Authorized to be charged to deposit account 8. Deposit account number: 02-1818 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE	Pa it

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

Commissioner for Patents, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

FOR a valuable consideration, the undersigned, residing at

Katsuya SHIRAJ

Toru KIHIRA

c/o Sony Corporation,

c/o Sony Corporation,

7-35, Kitashinagawa 6-chome,

7-35, Kitashinagawa 6-chome,

Shinagawa-ku,

Shinagawa-ku,

Tokyo 141-0001 Japan

Tokyo 141-0001 Japan

hereby sell, assign and transfer unto SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan, a Japanese corporation, the whole right, title and interest in and to a certain invention or improvement in

PROTON CONDUCTOR, ITS MANUFACTURING METHOD AND ELECTRO-CHEMICAL DEVICE

disclosed in an application for Letters Patent of the United States, prepared by the firm of Bell, Boyd & Lloyd of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. 112857-430 and in our own records as Case No.SK02PCT3US, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan.

For the same consideration, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE:	26 June 2003	Katsuya Shirai
		Katsuya SHIRAI
DATE: <u>June 26, 2003</u>	Toru Kikira	
		Toru KIHIRA

PATENT REEL: 014627 FRAME: 0454