

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Akihito YOSHIDA</td> <td>11/17/2010</td> </tr> <tr> <td>Shunsuke SATA</td> <td>11/17/2010</td> </tr> <tr> <td>Masaki KAGA</td> <td>11/17/2010</td> </tr> </tbody> </table>		Name	Execution Date	Akihito YOSHIDA	11/17/2010	Shunsuke SATA	11/17/2010	Masaki KAGA	11/17/2010
Name	Execution Date								
Akihito YOSHIDA	11/17/2010								
Shunsuke SATA	11/17/2010								
Masaki KAGA	11/17/2010								
RECEIVING PARTY DATA									
Name:	SHARP KABUSHIKI KAISHA								
Street Address:	22-22, Nagaike-cho, Abeno-ku, Osaka-shi								
City:	Osaka								
State/Country:	JAPAN								
Postal Code:	545-8522								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12995551</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12995551				
Property Type	Number								
Application Number:	12995551								
CORRESPONDENCE DATA									
Fax Number:	(703)816-4100								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703-816-4000								
Email:	cmg@nixonvan.com								
Correspondent Name:	NIXON & VANDERHYE, PC								
Address Line 1:	901 NORTH GLEBE ROAD, 11TH FLOOR								
Address Line 4:	ARLINGTON, VIRGINIA 22203								
ATTORNEY DOCKET NUMBER:	900-662								
NAME OF SUBMITTER:	H. Warren Burnam, Jr.								
Total Attachments: 1 source=EXECUTED_ASSIGNMENT#page1.tif									

OP \$40.00 12995551

ASSIGNMENT OF U.S. PATENT APPLICATION

Akihito YOSHIDA, Shunsuke SATA and Masaki KAGA

(Inventors)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) SHARP KABUSHIKI KAISHA a corporation of 22-22, Nagaike-cho,
 (Address) Abeno-ku, Osaka-shi, Osaka, 545-8522 Japan

(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as HYDROGEN PRODUCTION DEVICE AND METHOD FOR PRODUCING HYDROGEN

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. application Serial No. _____, on _____.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYTE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 17/11/2010 Signature of inventor

A. Yoshida
Akihito YOSHIDA

Date 17/11/2010 Signature of inventor

S. Sata
Shunsuke SATA

Date 17/11/2010 Signature of inventor

M. Kaga
Masaki KAGA