

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>Yasuyuki NISHIBAYASHI</td> <td>08/01/2013</td> </tr> <tr> <td>Keiichi TERAMOTO</td> <td>07/31/2013</td> </tr> <tr> <td>Kotaro ISE</td> <td>07/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yasuyuki NISHIBAYASHI	08/01/2013	Keiichi TERAMOTO	07/31/2013	Kotaro ISE	07/31/2013		
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<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome	Internal Address:	Minato-ku	City:	Tokyo	State/Country:	JAPAN
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CORRESPONDENCE DATA											
Fax Number:	7038164100										
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NAME OF SUBMITTER:	Michael J. Shea										
Signature:	/Michael J. Shea/										

Date:

08/09/2013

Total Attachments: 2

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ASSIGNMENT OF U.S. PATENT RIGHTS

(Inventors) Yasuyuki NISHIBAYASHI of Kawasaki-shi, Kanagawa, Japan,
Keiichi TERAMOTO of Koto-ku, Tokyo, Japan,
Kotaro ISE of Kawasaki-shi, Kanagawa, Japan,

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) KABUSHIKI KAISHA TOSHIBA
 (Address) 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 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 CHARGE/DISCHARGE INSTRUCTING APPARATUS AND NON-TRANSITORY COMPUTER READABLE MEDIUM

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 & VANDERHUYE 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.

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

Date	<u>Aug 1, 2013</u>	Signature of Inventor	<u><i>Yasuyuki Nishibayashi</i></u> Yasuyuki NISHIBAYASHI
Date	<u>July 31, 2013</u>	Signature of Inventor	<u><i>Keiichi Teramoto</i></u> Keiichi TERAMOTO
Date	_____	Signature of Inventor	_____ Kotaro ISE

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Date _____ Signature of inventor _____

Yasuyuki NISHIBAYASHI

Date _____ Signature of inventor _____

Keiichi TERAMOTO

Date July 31, 2013 Signature of inventor _____

Kotaro ISE