PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| Yasuyuki NISHIBAYASHI | 08/01/2013 |
| Keiichi TERAMOTO | 07/31/2013 |
| Kotaro ISE | 07/31/2013 |

RECEIVING PARTY DATA

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| State/Country: | JAPAN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 13963222 | |

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| ATTORNEY DOCKET NUMBER: | MJS-249-566 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | Michael J. Shea |
| Signature: | /Michael J. Shea/ |
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PATENT REEL: 030978 FRAME: 0122

Date: 08/09/2013

Total Attachments: 2
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PATENT REEL: 030978 FRAME: 0123

| | ASS | SIGNMENT OF U.S. F | PATENT RIGHTS | |
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| | Yasııvuki NISHIE | 3AYASHI of Kawasaki-sh | ni. Kanagawa, Japan. | |
| (invento | | TO of Koto-ku, Tokyo, J | | |
| Kotaro ISE of Kawasaki-shi, Kanagawa, Japan, | | | | |
| | considerations pa hereby does assig | id to each of the undersign on, transfer and set over to | dollar (\$1.00) and other good and valuable ned, the undersigned agrae(s) to assign, and o | |
| (Assign | | ISHA TOSHIBA | | |
| (Addres | s) <u>1-1, Shibaura 1-</u> | -chome, Minato-ku, Tok | yo, Japan | |
| (Title) | the United States, applications for pa CHARGE/DISCH | , its territories, dependenci stent and any Letters Pate | e undersigned's entire right, title and interest for iles and possessions in the Invention, and all ant which may be granted therefore, known as PARATUS AND NON-TRANSITORY | |
| 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 | | | | |
| | assignee at the tir | ne the invention was made | | |
| application and also deem ne claims or agreeme | on or any interference w to execute separate assocessary or expedient ar provisions of the Internate. Internate with the internate. | hich may be declared and signments in connection wand further to perform any a actional Convention for Pro- | nd documents necessary in connection with the identification and incomplete individual applications thereof with such applications as the Assignee may act which may be necessary in connection with officerion of industrial Property or similar agrant to obtain a grant | |
| | United States patent to | | | |
| and all Lo continuing covenant (they have | etters Patent of the Unit og applications thereof to ts that he has (they have oe) not executed and wil | ed States resulting from so the said Assignee, as As) full right to convey the e I not execute, any agreem | | |
| this assig | gnment any further ident he United States Patent | ification which may be ned Office for recordation of t | | |
| l signature | | outed by the undersigned o | on the date(s) opposite the undersigned | |
| Date | Aug 1. 2013 | Signature of inventor | youngohi histologost | |
| Date | Aug 1. 2013 July 31. 2013 | Signature of inventor | Yasuyuki NISHIBAYASHI Keniki Turemet | |
| Date | • | Signature of inventor | Kelichi TERAMOTO | |

Kotaro ISE

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Case No._

| Case | No. | |
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ASSIGNMENT OF U.S. PATENT RIGHTS

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| (inve | entors) | | TO of Koto-ku, Tokyo, | | |
| | | Kotaro ISE of Ka | wasaki-shi, Kanagawa, | Japan, | |
| | | In consid | eration of the sum of one | dollar (\$1.00) and other good and valuable | |
| | | | | med, the undersigned agree(s) to assign, and | |
| / 4 | , | | gn, transfer and set over t | to | |
| (Assignee) KABUSHIKI K | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | |
| (Add | ress) | | -chome, Minato-ku, Tol | | |
| (Title | ·) | the United States applications for particular CHARGE/DISCH | , its territories, dependenc atent and any Letters Pate ARGE INSTRUCTING AF | ne undersigned's entire right, title and interest fo cles and possessions in the invention, and all ent which may be granted therefore, known as PPARATUS AND NON-TRANSITORY |)r |
| | | | ADABLE MEDIUM | | |
| | | patent in the Unite | ed States of America or, if | uted on even date herewith an application for f not on even date, then has executed on d U.S. application. Serial No, | |
| | | on | · | | |
| | | The undersigned assignee at the tire | acknowledges an obligation of the invention was made | on of assignment of this invention to said le. | |
| and a deem claim | eation or iso to ex necessi s or prov ments. | any interference w tecute separate as ary or expedient ar visions of the intern | hich may be declared and signments in connection want id further to perform any a atlonal Convention for Pro | nd documents necessary in connection with the d any continuing or divisional applications there with such applications as the Assignee may act which may be necessary in connection with otection of Industrial Property or similar | of |
| of a v | | ndersigned agree(ed States patent to | | /e acts which may be necessary to obtain a gra | ni |
| contin | Il Letters Juing app Jants tha | Patent of the Unit olications thereof to the has (they have | ed States resulting from so the said Assignee, as As | (s) the Commissioner of Patents to issue any said application or any division or divisions or ssignee of the entire interest, and hereby entire interest herein assigned, and that he has nent in conflict herewith. | |
| this as | ssignme | nt any further ident | | N & VANDERHYE P.C. the power to insert on cessary or desirable in order to comply with the this document. |) |
| signat | In witr ure(s). | ness whereof, exec | uted by the undersigned | on the date(s) opposite the undersigned | |
| | | | | | |
| Date | | | Signature of inventor | | |
| Date | DENNE PRANTIS PROPERTY AND | | Signature of inventor | Yasuyuki NISHIBAYASHI | |
| Date | July | × 31,2°B | Signature of Inventor | Kellohi TERAMOTO Lotow dse | -Record |
| | / | | | Kotaro ISE | -, |

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