

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shiro MARUYAMA	09/14/2009
Takashi NAKAJIMA	09/14/2009
Hiroyuki HAYATA	09/14/2009
Kazuhide BANNAI	09/14/2009
Kozo MATSUSHITA	09/23/2009
Hideo ISHIZUKA	09/26/2009

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-Ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12580527

CORRESPONDENCE DATA

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Address Line 4: Alexandria, VIRGINIA 22314

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349769US

NAME OF SUBMITTER:

Ryan P. Lynch

OP \$40.00 12580527

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PATENT
REEL: 023384 FRAME: 0934

Total Attachments: 8

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Assignment of Application

INSERT NAMES
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WHEREAS, I (WE) Shiro MARUYAMA of Kanagawa, Japan

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(Application No. _____, filed _____), and

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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Sep. 14, 2009

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(Signature of Inventor) Shiro MARUYAMA

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Date: _____

(Signature of Inventor) Hiroyuki HAYATA

Date: Sep. 14, 2009

Kazuhide Bannai
(Signature of Inventor) Kazuhide BANNAI

Date: _____

(Signature of Inventor) Kozo MATSUSHITA

Date: Sep. 26, 2009

Hideo Ishizuka
(Signature of Inventor) Hideo ISHIZUKA

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(Signature of Inventor) Kazuhide BANNAI

Date: Sep. 23, 2009

K. Matsushita
(Signature of Inventor) Kozo MATSUSHITA

Date: _____

(Signature of Inventor) Hideo ISHIZUKA

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