

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hisashi Matsumura	08/30/2011
Shunro Fuke	08/28/2011
Yasuo Kanematsu	08/30/2011
Kazuyoshi Itoh	08/27/2011
RECEIVING PARTY DATA	
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Street Address:	1-1, Yamadaoka
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State/Country:	JAPAN
Postal Code:	565-0871
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13254668
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ATTORNEY DOCKET NUMBER:	HARAK-32109/US-1/PCT
NAME OF SUBMITTER:	Robert A. Goetz
Total Attachments: 2 source=32109AssignmentEXEC#page1.tif source=32109AssignmentEXEC#page2.tif	

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**PATENT
 REEL: 026852 FRAME: 0152**

ASSIGNMENT

WHEREAS, WE, Hisashi MATSUMURA, Shunro FUKE, Yasuo KANEMATSU, and Kazuyoshi ITOH, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHOD FOR FABRICATING SEMICONDUCTOR THIN FILM USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT, APPARATUS FOR FABRICATING SEMICONDUCTOR THIN FILM USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT, METHOD FOR SELECTIVELY GROWING SEMICONDUCTOR THIN FILM USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT, AND SEMICONDUCTOR ELEMENT USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT**

U.S. National Phase Entry of PCT/JP2010/001571
U.S. Patent Application No. 13/254,668

Int'l Filing Date: 03/05/2010
Filed: 09/02/2011

WHEREAS, OSAKA UNIVERSITY, a university having a place of business at 1-1, Yamadaoka, Suita-shi, Osaka 565-0871, Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent. ASSIGNORS and ASSIGNEE give permission to counsel to insert the U.S. application number and filing date on this Assignment document when known.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

<u>Hisashi Matsumura</u>	<u>August 30, 2011</u>	<u>Shunro Fuke</u>	<u>August 28, 2011</u>
Hisashi MATSUMURA	Date	Shunro FUKE	Date
<u>Yasuo Kanematsu</u>	<u>Aug. 30, 2011</u>	<u>Kazuyoshi ITOH</u>	
Yasuo KANEMATSU	Date	Kazuyoshi ITOH	Date

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, in the year of _____, before me, the undersigned Notary Public or Witness, personally appeared the above-named ASSIGNORS, known to me (or proven to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.

Tadashi Yamazaki
NOTARY PUBLIC or WITNESS

SEAL

MY COMMISSION EXPIRES: _____

ASSIGNMENT

WHEREAS, WE, Hisashi MATSUMURA, Shunro FUKE, Yasuo KANEMATSU, and Kazuyoshi ITOH, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHOD FOR FABRICATING SEMICONDUCTOR THIN FILM USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT, APPARATUS FOR FABRICATING SEMICONDUCTOR THIN FILM USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT, METHOD FOR SELECTIVELY GROWING SEMICONDUCTOR THIN FILM USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT, AND SEMICONDUCTOR ELEMENT USING SUBSTRATE IRRADIATED WITH FOCUSED LIGHT**

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U.S. Patent Application No. 13/254,668

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent. ASSIGNORS and ASSIGNEE give permission to counsel to insert the U.S. application number and filing date on this Assignment document when known.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

Hisashi MATSUMURA Date

Shunro FUKE Date

Yasuo KANEMATSU Date

Kazuyoshi Itoh Aug. 27, 2011
Kazuyoshi ITOH Date

STATE OF)
) ss.
COUNTY OF)

On this _____ day of _____, in the year of _____, before me, the undersigned Notary Public or Witness, personally appeared the above-named ASSIGNORS, known to me (or proven to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.

Yoshiki Yamataka
NOTARY PUBLIC or WITNESS

SEAL

MY COMMISSION EXPIRES: _____