

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the The inventor's name on the Notice of Recordation of Assignment Document should be corrected from MORTIA to MORITA previously recorded on Reel 023948 Frame 0672. Assignor(s) hereby confirms the Page 2 of 2 - inventor Tetsuro Morita.

**CONVEYING PARTY DATA**

Name	Execution Date
Goro Yoshizaki	12/17/2009
Yutaka Takeuchi	12/17/2009
Kazue Nagasawa	12/17/2009
Kentaro Higuchi	12/17/2009
Tetsuro Morita	12/17/2009
Naoki Kabeya	12/17/2009

**RECEIVING PARTY DATA**

<b>Name:</b>	National University Corporation Tokyo University of Marine Science and Technology
<b>Street Address:</b>	5-7, Konan 4-Chome
<b>City:</b>	Minato-Ku, Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-8477

<b>Name:</b>	Nippon Suisan Kaisha, Ltd.
<b>Street Address:</b>	6-2, Otemachi 2-Chome
<b>City:</b>	Chiyoda-Ku, Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-8686

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	12532304

**CORRESPONDENCE DATA**

Fax Number: (214)866-0010

**501141485**

**PATENT  
 REEL: 024198 FRAME: 0477**

**OP \$40.00 12532304**

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ATTORNEY DOCKET NUMBER:	HRTA:1002
NAME OF SUBMITTER:	Edwin S. Flores

**Total Attachments: 8**

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TO: EDWIN S. FLORES COMPANY: CHALKER FLORES, LLP

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.102/17/2010  
501095210

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
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Fax Number:	(214)886-0010														
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OP 540 00 12532304

TO: EDWIN S. FLORES COMPANY: CHALKER FLORES, LLP

Correspondent Name:	Edwin S. Flores
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Address Line 2:	2711 LBJ Freeway, Suite 1036
Address Line 4:	Dallas, TEXAS 75234
ATTORNEY DOCKET NUMBER:	HRTA:1002
NAME OF SUBMITTER:	Edwin S. Flores
Total Attachments: 4 source=HRTA 1002 Assignment#page1.tif source=HRTA 1002 Assignment#page2.tif source=HRTA 1002 Assignment#page3.tif source=HRTA 1002 Assignment#page4.tif	

**ASSIGNMENT OF PATENT APPLICATION**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to National University Corporation Tokyo University of Marine Science and Technology (the "Assignee"), having a place of business at 5-7, Konan 4-chome, Minato-ku, Tokyo 108-8477 Japan, and Nippon Suisan Kaisha, Ltd. (the "Assignee"), having a place of business at 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8686 Japan, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions, subject matter and improvements disclosed in the application for United States Letters Patent, Serial No. 12/532,304, which has been filed on 09/21/2009 and is entitled "Germ Cell Marker Using Fish Vasa Gene," (the "Invention"), such application and any and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States and all foreign countries based on the Invention; all original, reissued and reexamined patents which have been or shall be issued in the United States and all foreign countries based on the Invention; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
\_\_\_\_\_  
Inventor's Signature

December 17, 2009  
DATE

Goro Yoshizaki  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
\_\_\_\_\_  
Inventor's Signature

December 17, 2009  
DATE

Yutaka Takeuchi  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Kazuo Nagasawa  
Inventor's Signature

December 17, 2009  
DATE

Kazuo Nagasawa  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Kentaro Higuchi  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Tetsuro Morita  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Naoki Kabeya  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Kazuo Nagasawa  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Kentaro Higuchi  
Inventor's Signature

December 17, 2009  
DATE

Kentaro Higuchi  
Inventor's Printed Name

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\_\_\_\_\_  
Inventor's Signature

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DATE

Tetsuro Morita  
Inventor's Printed Name

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

N. Kabeya  
Inventor's Signature

December 17, 2009  
DATE

Naoki Kabeya  
Inventor's Printed Name

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Inventor's Signature

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DATE

Kazuo Nagasawa

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Kentaro Higuchi

\_\_\_\_\_  
Inventor's Printed Name

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Tetsuo Morita  
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Inventor's Signature

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Naoki Kabeya

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Inventor's Printed Name