

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
<p>Fax Number: (214)866-0010</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 214-866-0001</p> <p>Email: ldaconceicao@chalkerflores.com</p>															

OP \$40.00 12532304

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PATENT
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Address Line 4:	Dallas, TEXAS 75234

ATTORNEY DOCKET NUMBER:	HRTA:1002
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NAME OF SUBMITTER:	Edwin S. Flores
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Total Attachments: 4

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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

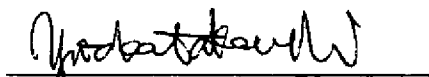
December 17, 2009

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

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Kentaro Higuchi
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Tetsuro Morita
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