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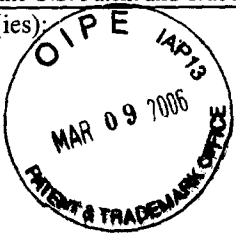
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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Izumu SAITO  
Yumi SAITO

## 2. Name and address of receiving party(ies):

- 1.) Izumu SAITO  
4-2-10-1001, Shirokanedai, Minato-ku,  
Tokyo, Japan
- 2.) DAINIPPON SUMITOMO PHARMA CO., LTD.  
6-8, Doshomachi-2-chome, Chuo-ku, Osaka-shi,  
Osaka, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 14, 2005

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/553,639

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

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## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41): \$40.00

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John F. Callahan

Reg. No. 32,607

March 9, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 2

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PATENT  
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ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Izumu SAITO, a national of Japan, of 4-2-10-1001, Shirokanedai, Minato-ku, Tokyo, Japan and Dainippon Sumitomo Pharma Co., Ltd., a corporation organized under the laws of Japan, located at 6-8, Doshomachi-2-chome, Chuo-ku, Osaka-shi, Osaka, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Izumi SAITO and Dainippon Sumitomo Pharma Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## NOVEL COSMID VECTOR

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith,

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Izumi SAITO and Dainippon Sumitomo Pharma Co., Ltd., their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Izumi SAITO and Dainippon Sumitomo Pharma Co., Ltd.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	WITNESSES (立会人サイン)
1)	<u>Izumu Saito</u> Izumu SAITO	<u>October 14, 2005</u>	<u>Naoko Takasu</u>
2)	<u>Yumi Saito</u> Yumi SAITO	<u>October 14, 2005</u>	<u>Naoko Takasu</u>
3)	_____	_____	_____
4)	_____	_____	_____
5)	_____	_____	_____
6)	_____	_____	_____
7)	_____	_____	_____
8)	_____	_____	_____

PATENT