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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

Name	Execution Date
Yoshikazu KUROSAWA	08/27/2007
Yasusi AKAHORI	09/04/2007
Nobuhiro TAKAHASHI	08/22/2007
Atsushi SUGIOKA	09/03/2007
Nobuhiro HAYASHI	08/27/2007
Akihiko TAKASAKI	08/27/2007
Kazuhiro SUZUKI	08/31/2007
Miwa MORITA	08/31/2007
Gene KUROSAWA	08/31/2007
Sari FUJIYAMA	08/27/2007
Susumu TSUTSUMI	08/31/2007
Keiko OGAWA	08/31/2007
Kazuki MATSUDA	08/31/2007
Chiho MURAMATSU	08/31/2007
Yoshitaka IBA	08/31/2007
Mariko SUMITOMO	08/31/2007
Masachika AZUMA	08/24/2007
Yoshinori UKAI	08/23/2007
Kazuhiro MORISHITA	08/21/2007

## RECEIVING PARTY DATA

Name:	INSTITUTE FOR ANTIBODIES CO., LTD.	
Street Address:	5-10, Marunouchi 3-chome, Naka-ku	
Internal Address:	Sumitomoshoji Marunouchi Bldg. 5F	
City:	Nagoya-shi, Aichi	
State/Country:	JAPAN	
Postal Code:	4600002	

Name:	Yoshikazu KUROSAWA	
	DATENT	

PATENT "
REEL: 021078 FRAME: 0636

500563407

Street Address:	3-2-1271, Fujimakicho, Meitou-ku	
City:	Nagoya-shi, Aichi	
State/Country:	JAPAN	
Postal Code:	4650075	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11885245

#### **CORRESPONDENCE DATA**

Fax Number: (202)478-7380

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2024787370

Email: jarmstrong@eapdlaw.com

Correspondent Name: Edwards Angell Palmer & Dodge LLP

Address Line 1: P.O. Box 55874

Address Line 4: Boston, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER:	69043(302730)
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## NAME OF SUBMITTER: James E. Armstrong IV

### Total Attachments: 5

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> PATENT REEL: 021078 FRAME: 0637

#### **ASSIGNMENT BY INVENTOR**

THIS ASSIGNMENT, made this day of,, by
KUROSAWA, Yoshikazu, AKAHORI, Yasushi, TAKAHASHI, Nobuhiro, SUGIOKA,
Atsushi, HAYASHI, Nobuhiro, TAKASAKI, Akihiko, SUZUKI, Kazuhiro, MORITA, Miwa,
KUROSAWA, Gene, FUJIYAMA, Sari, TSUTSUMI, Susumu, OGAWA, Keiko,
MATSUDA, Kazuki, MURAMATSU, Chiho, IBA, Yoshitaka, SUMITOMO, Mariko,
AZUMA, Masachika, UKAI, Yoshinori and MORISHITA, Kazuhiro (hereinafter referred
to as Assignor), residing at 3-2-1271, Fujimakicho, Meitou-ku, Nagoya-shi, Aichi
4650075 JAPAN, Yamada-sou, 5-13, Shimada, Tenpaku-ku, Nagoya-shi, Aichi
4680056 JAPAN, c/o The Faculty of Agriculture, Tokyo University of Agriculture and
Technology, 3-5-8, Saiwai-cho, Fuchu-shi, Tokyo 1838509 JAPAN, VIEQU COURT
DENJIYAMA, #313, 43, Aza Denjiyama, Narumicho, Midori-ku, Nagoya-shi, Aichi
4580844 JAPAN, Room 303, Hairaizu Plaza, 32-23, Yutakadai, Misakicho, Toyoake-shi,
Aichi 4701127 JAPAN, Room 301, Sun Park Ohshimizu, 3-108, Ohshimizu, Midori-ku,
Nagoya-shi, Aichi 4580805 JAPAN, 8-21-172, Akibacho, Toyota-shi, Aichi 4710873
JAPAN, Excel #405, 3-308, Shinsakaecho, Toyoake-shi Aichi 4701154 JAPAN, 3-2-
1271, Fujimakicho, Meitou-ku, Nagoya-shi Aichi 4650075 Japan, c/o The Faculty of
Agriculture, Tokyo University of Agriculture and Technology, 3-5-8, Saiwai-cho, Fuchu-
shi, Tokyo 1838509 JAPAN, Sanhaim Ohka #101, 322, Miyahigashicho, Showa-ku,
Nagoya-shi, Aichi 4660804 JAPAN, Room 201, Lions Field, 1830, Yarigana, Zengocho,
Toyoake-shi, Aichi 4701151 JAPAN, Room 201, Narita Mansion, 85-210, Moronoki,
Narumicho, Midori-ku, Nagoya-shi, Aichi 4580817 JAPAN, Room 205, Kopo Showa,
1710-8, Yoshie, Zengocho, Toyoake-shi, Aichi 4701151 JAPAN, Room 101, Sunny
Residence, 3-513, Momoyama, Midori-ku, Nagoya-shi, Aichi 4580002 JAPAN, 5-18-16,
Narukocho, Midori-ku, Nagoya-shi, Aichi 4580041 JAPAN, , c/o Institute for Antibodies
Co., Ltd., Sumitomoshoji Marunouchi Bldg. 5F, 5-10, Marunouchi 3-chome, Naka-ku,
Nagoya-shi, Aichi 4600002 JAPAN, c/o Institute for Antibodies Co., Ltd., Sumitomoshoji
Marunouchi Bldg. 5F, 5-10, Marunouchi 3-chome, Naka-ku, Nagoya-shi, Aichi 4600002
JAPAN, c/o Division of Tumor Biochemistry Department of Biochemistry, Miyazaki
Medical College, University of Miyazaki, 5200, Oaza Kihara, Kiyotakecho, Miyazaki-gun,
Miyazaki 8891692 JAPAN, respectively;

WHEREAS, Assignor has invented certain new and useful improvements in ANTI-IgSF4 ANTIBODY AND UTILIZATION OF THE SAME, set forth in a Patent application for Letters Patent of the United States, filed on August 28,2007 as U.S. application No. 11/885,245 herewith; and

WHEREAS, INSTITUTE FOR ANTIBODIES CO., LTD., a Corporation organized under and pursuant to the laws of Japan having its principal place of business at Sumitomoshoji Marunouchi Bldg. 5F, 5-10, Marunouchi 3-chome, Naka-ku, Nagoya-shi, Aichi, 4600002 JAPAN and KUROSAWA, Yoshikazu of residing at (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

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NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignor hereby grants the following individuals the power to insert on this Assignment any further identification 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:

#### **EDWARDS ANGELL PALMER & DODGE LLP**

All practitioners at Customer Number 21874

AND Assignor acknowledgess an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: Aug. 27, 2007 Signature: Joshikazu Kurosawa Kurosaw

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Date:	Sep. 3, 2007	Signature:	A Liejula SUGIOKA, Atsushi
	·		SUGIOKA, Atsushi
Date:	Aug. 27, 2007	Signature:	nobuhiw Hayashi HAYASHI, Nobuhiro
Date:	Aug. 27, 2007	Signature:	Jakasaki Skrhiko TAKASAKI, Akihiko
			Kazuhin Suzuhi SUZUKI Kazuhiro
			SUZUKI, Kazuniro
Date:	Aug. 31. 2007	Signature:	Miwa Morita  MORITA, Miwa
			WOTATTA, WIWA
Date:	Aug. 31,2007	Signature:	Serie - Thomasel Co KUROSAWA, Gene
			KOKOOAVVA, Gene
Date:	Aug. 27, 2007	Signature:	Savi fuji'yama FUJIYAMA, Sari
			FUJITAIVIA, SAFI
Date:	Aug. 31, 2007	Signature:	Tsutsumi Susumu
			TSUTSUMI, Susumu
	) -n-57		and WEILD
Date:	Aug. 31, 2007	Signature:	OGAWA KEIKO

Date:	Aug, 31.2007	Signature:	Kazuki Matsuda MATSUDA, Kazuki
Date:	Aug. 31.2007		Chiho Muramatsu
Date:	Aug. 31, 2007	Signature:	MURAMATSU, Chiho  Yoshitaka Iba  IBA, Yoshitaka
Date:	Aug. 31, 2007		Mariko Sumitomo SUMITOMO, Mariko
Date:	Aug. 24, 2007		SUMITOMO, Mariko  Masachika Azuma  AZUMA, Masachika
			AZUMA, Masachika  Yoshinori UKAI, Yoshinori
Date:	Hug. 21, 2007	Signature:	MORISHITA, Kazuhiro

**RECORDED: 06/11/2008**