PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Renu Wadhwa	03/22/2002
Takashi Sugihara	02/19/2002
Akiko Ohide	03/18/2002

RECEIVING PARTY DATA

Name:	Chugai Seiyaku Kabushiki Kaisha
Street Address:	5-1, Ukima 5-chome, Kita-Ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	115-8543

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12626290

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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

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Email: nmccoy@fr.com

Correspondent Name: Fish & Richardson P.C.

Address Line 1: 225 Franklin Street

Address Line 4: Boston, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 14875-0091003

NAME OF SUBMITTER: Nancy McCoy

Total Attachments: 2

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PATENT

REEL: 023841 FRAME: 0545

12626290

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Attorney Docket No: 06501-091001

ASSIGNMENT

For valuable consideration, we, <u>WADHWA</u>, <u>Renu</u> of <u>Ibaraki</u>, <u>Japan</u>, <u>SUGIHARA</u>, <u>Takashi</u> of <u>Aomori</u>, <u>Japan</u> and <u>OHIDE</u>, <u>Akiko</u> of <u>Tokyo</u>, <u>Japan</u>, hereby assign to: <u>Chugai Seiyaku Kabushiki Kaisha</u>, a <u>Japanese</u> corporation having a place of business at:

5-1, Ukima 5-chome, Kita-ku Tokyo 115-8543 Japan; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled TUMOR SUPPRESSOR GENE, filed October 26, 2001, and assigned U.S. Serial Number 10/046, 816, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

PATENT REEL: 023841 FRAME: 0546

Attorney Docket No: 06501-091001

this 22nd day of March 2002 Name: KOUICHI TANAKA Date: March 22 2002 Witnessed by: K. Shigano	IN WITNESS WHEREOF, I hereto set my hand and seal at	paraki, Japan
Witnessed by:	this $23^{n\alpha}$ day of $\underline{\underline{Mae ch}}$, 2002	•
Witnessed by:	- Kem washwe	L.S.
Witnessed by:	WADIIWA, Renu	
Witnessed by:	Witnessed by:	
Name: KUMIKO SHIGANO Date: March 22, 2002 IN WITNESS WHEREOF, I hereto set my hand and seal at Almori, Japan this 19th day of February, 2002 SUGIHARA, Takashi Witnessed by: R. Tanaka Name: KIMID TANAKA Date: February 19, 2002 Witnessed by: Date: IN WITNESS WHEREOF, I hereto set my hand and seal at Tokyo, Japan, this 18th day of March, 2002 Chiko Chide OHIDE, Akiko	Name: KOUICHI TANAKA Date: March .	22 , 2002
Name: KUMIKO SHIGANO Date: March 22, 2002 IN WITNESS WHEREOF, I hereto set my hand and seal at Almori, Japan this 19th day of February, 2002 SUGIHARA, Takashi Witnessed by: R. Tanaka Name: KIMID TANAKA Date: February 19, 2002 Witnessed by: Date: IN WITNESS WHEREOF, I hereto set my hand and seal at Tokyo, Japan, this 18th day of March, 2002 Chiko Chide OHIDE, Akiko	Witnessed by: K, Shigano	
this	Name: KUMIKO SHIGANO Date: March 22,	2002
this		-
Witnessed by:	IN WITNESS WHEREOF, I hereto set my hand and seal at	mori, Japan,
Witnessed by:	this	
Witnessed by:	SUGIHARA Takashi	L.S.
Name: KIMID TANAKA Date: February 19, 2002 Witnessed by: Date: Date: IN WITNESS WHEREOF, I hereto set my hand and seal at Jokyo, Japan this 18th day of March 2002 OHIDE, Akiko		
Name: KIMID TANAKA Date: February 19, 2002 Witnessed by: Date: Date: IN WITNESS WHEREOF, I hereto set my hand and seal at Jokyo, Japan this 18th day of March 2002 OHIDE, Akiko	Witnessed by: R. Tanaka	
Name: Date:	Name: KIMIO TANAKA Date: February	9,2000
Name: Date:		
IN WITNESS WHEREOF, I hereto set my hand and seal at Tokyo, Japan, this 18th day of March, 2002 Okiko Chide OHIDE, Akiko		
this 18th day of March, 2002 —————————————————————————————————	Date:	
this 18th day of March, 2002 —————————————————————————————————		
Okiko Chide L.S. OHIDE, Akiko	IN WITNESS WHEREOF, I hereto set my hand and seal at	(yo, Japan,
OHIDL, AKIKO		
	OHIDE. Akiko	L.S.
Witnessed by: Seiji abe Name: SEIJI ABE Date: March 18, 2002	,	
Name: SEIJI ABE Date: March 18, 2002	Witnessed by: Seiji Abe	
	Name: SEIJI ABE Date: March 1	8, 2002
		,
Witnessed by:	Witnessed by:	
Name: Date:	Name: Date:	
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PATENT REEL: 023841 FRAME: 0547

RECORDED: 01/25/2010