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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Toshio Ota	06/10/2002
Takao Isogai	06/11/2002
Tetsuo Nishikawa	06/11/2002
Koji Hayashi	05/30/2002
Kaoru Otsuka	05/31/2002
Jun-ichi Yamamoto	06/10/2002
Shizuko Ishii	06/10/2002
Tomoyasu Sugiyama	05/28/2002
Ai Wakamatsu	06/10/2002
Keiichi Nagai	05/04/2002
Tetsuji Otsuki	05/29/2002

RECEIVING PARTY DATA

Name:	Helix Research Institute
Street Address:	1532-3, Yana, Kisarazu-shi
City:	Chiba
State/Country:	JAPAN
Postal Code:	292-0812

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11869267

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PATENT REEL: 020211 FRAME: 0094

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Address Line 1: FISH & RICHARDSON P.C. Address Line 2: P.O.BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022 ATTORNEY DOCKET NUMBER: 14897-097003 NAME OF SUBMITTER: Debbie Nast Total Attachments: 12 source=HelixAssignment#page1.tif source=HelixAssignment#page2.tif source=HelixAssignment#page3.tif source=HelixAssignment#page4.tif source=HelixAssignment#page5.tif source=HelixAssignment#page6.tif source=HelixAssignment#page7.tif source=HelixAssignment#page8.tif source=HelixAssignment#page9.tif source=HelixAssignment#page10.tif

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ASSIGNMENT

For valuable consideration, we, <u>TOSHIO OTA</u> of <u>Tokyo</u>, <u>JAPAN</u>, <u>TAKAO ISOGAI</u> of <u>Ibaraki</u>, <u>JAPAN</u>, <u>TETSUO NISHIKAWA</u> of <u>Tokyo</u>, <u>JAPAN</u>, <u>KOJI HAYASHI</u> of <u>Osaka</u>, <u>JAPAN</u>, <u>KAORU OTSUKA</u> of <u>Saitama</u>, <u>JAPAN</u>, <u>JUN-ICHI YAMAMOTO</u> of <u>Chiba</u>, <u>JAPAN</u>, <u>SHIZUKO ISHII</u> of <u>Chiba</u>, <u>JAPAN</u>, <u>TOMOYASU SUGIYAMA</u> of <u>Tokyo</u>, <u>JAPAN</u>, <u>AI WAKAMATSU</u> of <u>Chiba</u>, <u>JAPAN</u>, <u>KEIICHI NAGAI</u> of <u>Tokyo</u>, <u>JAPAN</u>, and <u>TETSUJI</u> <u>OTSUKI</u> of <u>Chiba</u>, <u>JAPAN</u>, hereby assign to:

Helix Research Institute, a Japanese corporation having a place of business at:

1532-3, Yana, Kisarazu-shi CHIBA 292-0812 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 NOVEL GENES ASSOCIATED WITH THE MAINTENANCE OF DIFFERENTIATION OF SMOOTH MUSCLE CELLS, filed January 28, 2002, and assigned U.S. Serial Number 10/058,518, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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.

11/4	WITNESS WHEREOF, I II	ereto set my hand and seal at 10 140	1 Japan
this	Th day of Ju	ne , 20 <u>02</u> (Ya	
	Toshir	eta	I. S
	тоѕню о	TA	
Witnessed	by: Herry	Nagahar	
Name: <u></u>	Kenji Nagah	Nagahus ari Date: Jun 10,2	002
Witnessed	by:		
		Date:	
In V	WITNESS WHEREOF, I he	ereto set my hand and seal at	
	day of		
		, = -	L.S.
	TAKAO ISO	OGAI	L.S.
Witnessed 1	by:		
Name:		Date:	
			
Witnessed I	by:		
Name:		Date:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

	IN WITNESS WHEREOF, I hereto set my hand and seal at	
this_	day of, 20 <u>02</u>	
	TOSHIO OTA	L.S
Witne	essed by:	
Name	Date:	
Witne	essed by:	
	: Date:	
this	IN WITNESS WHEREOF, I hereto set my hand and seal at	<u>apa</u>
	ssed by: <u>Knji Nagahan</u> : <u>Kenji Nagahani</u> Date: <u>June 11, 2002</u>	·
Witnes	ssed by:	
Vame.	Data	

	In Witness Whereof, I hereto set my hand and seal at Chi ba ,	Tapan
this/	11 th day of Jane , 20 <u>02</u>	
	Tetsuo Nishibama	L.S
	TETSUO NISHIKAWA	
Witness	sed by: <u>Magchan</u> Kenji Nagahari Date: <u>June 11, 2002</u>	
Name:_	Kenji Nagahari Date: June 11, 2002	_
Witness	sed by:	
	Date:	_
		-
]	N WITNESS WHEREOF, I hereto set my hand and seal at	
this	, 20 <u>02</u>	
_	КОЛ НАЧАЅНІ	L.S.
Witness	ed by:	
	Date:	•
Witnesse	ed by:	
	Date	

	IN WITNESS WHEREOF, I hereto set my hand and seal at	
this_	day of, 20 <u>02</u>	
	TETSUO NISHIKAWA	L.S
Witn	nessed by:	
	ne: Date:	
Witne	nessed by:	
	e: Date:	
	In Witness Whereof, I hereto set my hand and seal atOsaka, JA	PAN,
this _	30 th day of May , 2002	
	30 th day of May , 20 <u>02</u> Кол начазні Кол начазні	L.S.
Name	essed by: <u>Kenji Nagahan</u> e: <u>Kenji Nagahani</u> Date: <u>May 30, 2002</u>	
Witne	essed by:	
	e: Date:	

	IN WITH	NESS WHERE	OF, I hereto set	my hand and seal at Mairana	Fapan,
this _	3/th	day of	May	, 20 <u>02</u> Ka	/
		Fac	su Otaus	ka	I.S.
		KAC	RU OTSUKA		D.S.
		,			
Witne	essed by:	King	Naga	haw	_
Name	: Ke	nji Nag	cahari		-
Witne	essed by:			<u>.</u>	
				Date:	-
			•		
	In With	ESS WHERE	OF, I hereto set	my hand and seal at	
this _					
					L.S.
		JUN-	ІСНІ ҮАМАМ	ОТО	
Witne	ssed by:				_
Witna	and have				
Name	•			Date:	

In	WITNESS WHEREOF, I he	reto set my hand and seal at	
	day of		
	KAORU OT	SUKA	L.S
		SOLUT	
Witnessed	l by:		
		Date:	
Witnessed	by:		
Name:		Date:	
In '	WITNESS WHEREOF, I her	reto set my hand and seal at <u>Chiba</u>	, Japan
this \sqrt{O}	th day of June	<u>e</u> , 20 <u>02</u>	·
-	- Bunichi	Yumumo to AMAMOTO	L.S.
	JON-ICHI 17	AMAMOTO	
Witnessed	by: Kinj 1	Tagahan	
Name: k	Kenji Nagaha	ri Date: June 10, 2	<u>002</u>
Witnessed	by:		
Name:		Date	

: 020211 FRAME: 0102

In	WITNESS WHERE	OF, I hereto set	my hand and seal at <u>Chiba, Ja</u>	pau.
this	†(_day of	June	, 20 <u>02</u>	(
	S.Fige4	ko Vsh		L.S.
	SHIZ	ZUKO ISHII		
Witnessed	by: Kens	"Naga	have	
Name: <u>k</u>	Cenji Nag	ahari	Date: June 10, 2002	
Witnessed	by:			
			Date:	
In V	WITNESS WHERE	OF, I hereto set r	my hand and seal at	•
	day of			
				L.S.
	TOM	OYASU SUGΓ		
Witnessed 1	by:			
			Date:	
Witnessed t	by:			

IN W	TINESS WHEREOF, I	hereto set my hand and seal at	
this	day of	, 20 <u>02</u>	
*********	SHIZUK	O ISHII	L.S.
Witnessed by	y:		
		Date:	
Witnessed by	y:		
Name:		Date:	
In Wi	TNESS WHEREOF, I	hereto set my hand and seal at Tokyo,	JAPAN,
this 28th	day of	Man. 2002	
	TOMOYA	ASU SUGIYAMA	L.S.
Witnessed by	: Linj 1	Lagahan	
Name: <u>Ke</u>	nji Nagaha	Jagahan Date: May 28, 200.	2_
Witnessed by	•		
Vame:		Date:	

	In Witness Whereof, I hereto set my hand and seal at	Jopan
this	(A) 14 day of Ton 2002	•
	ai Wakamatsu	L.S
	AI WAKAMATSU AI WAKAMATSU	D.D.
Witnes	ssed by: <u>Kenji Nagahani</u> Date: <u>June 10, 2002</u>	
Witnes	ssed by:	
	Date:	_
	IN WITNESS WHEREOF, I hereto set my hand and seal at	
	day of, 20 <u>02</u>	
	KEIICHI NAGAI	L.S.
\$\$7°4	31.	
	sed by:	-
Name:_	Date:	•
Witness	sed by:	_
Name:	Date:	

In V	VITNESS WHEREOF, I	I hereto set my hand and seal at	
		, 20 <u>02</u>	
	AI WAK	AMATSU	L.S
Witnessed b	y:		
		Date:	
Witnessed b	y:		
Name:	The state of the s	Date:	
IN W this <u>4Th</u>	day of	hereto set my hand and seal at <u>Jokyo, Japan</u> , 20 <u>02</u> NAGAI	, L.S.
Witnessed by Name: <u>K</u>	y: <u>Honji N</u> Enfi Nagah	Date: May 4, 2002	
Witnessed by	7:		
Jame:		D-+	

IN WITNESS WHEREOF I hereto se	et my hand and seal at Saitama, Jo	ypan
	, 20 <u>02</u> Otomar.	L.S
Witnessed by: <u>Konji Nag</u> Name: <u>Kenji Nagahah</u> i	Date: May 29, 2002	
Witnessed by:		
Name:	Date:	

PATENT REEL: 020211 FRAME: 0107

RECORDED: 12/07/2007

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