### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Kenji IZUHARA	10/29/2010
Shoichiro OHTA	10/29/2010
Hiroshi SHIRAISHI	10/29/2010
Hisamichi AlZAWA	11/01/2010
Tomoaki HOSHINO	11/01/2010
Masaki OKAMOTO	11/05/2010

### **RECEIVING PARTY DATA**

Name:	SAGA UNIVERSITY	
Street Address:	1, Honjo-machi,	
City:	Saga-shi, Saga	
State/Country:	JAPAN	
Postal Code:	8408502	

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Street Address:	67, Asahi-machi,	
City:	Kurume-shi, Fukuoka	
State/Country:	JAPAN	
Postal Code:	8300011	

### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12995769	

### **CORRESPONDENCE DATA**

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PATENT REEL: 025447 FRAME: 0421 12995769

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ATTORNEY DOCKET NUMBER: 4456-0154PUS1

NAME OF SUBMITTER: Gerald M. Murphy, Jr.

Total Attachments: 4

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ATTORNEY DOCKET NO.

4456-0154PUS1

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

	Application No	December 2, 2010
Insert Name(s) of Inventor(s)		
	WHEREAS, Kenji IZUHARA, Shoichiro OHTA, Hiroshi Tomoaki HOSHINO and Masaki OKAMOTO	SHIRAISHI, Hisamichi AIZAWA,
Insert Title	(hereinafter designated as the undersigned) has (have) invented certain no	• •
of Invention	METHOD FOR DETECTION OF IDIOPATHIC INTERSTITIA for which an application for Letters Patent of the United States of A undersigned (except in the case of a provisional application).	
Insert Date of Signing of Application	October 29, 2010; November 1, 2010; November	5, 2010 ; and
Insert Name of Assignee	WHEREAS, SAGA UNIVERSITY and KURUME UNIV	ERSITY
Insert Address of Assignee	1, Honjo-machi, Saga-shi, Saga 8408502 Japan and of 67, Asahi-machi, Kurume-shi, Fukuoka 8300011 Japan	
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.	
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00 the receipt of which is hereby acknowledged, and other good and valuable has (have) sold, assigned and transferred, and by these presents does so Assignee the full and exclusive right to the said invention in the United dependencies and possessions and the entire right, title and interest in an which may be granted therefor in the United States of America, it possessions, and if the box above is designated, in any and all foreign cour	le consideration, the undersigned ell, assign and transfer unto said States of America, its territories, d to any and all Letters Patent(s) ts territories, dependencies and
	and to any and all divisions, reissues, continuations, conversions and exterems for which the same may be granted.	nsions thereof for the full term or

Page 1 of 2

# Attorney Docket No. 4456-0154PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

	10/29/10.	Name of Inventor	(signature) Kenji IZUHARA	
Date	1=/89/10		(signature) Shoichiro OHTA	
Date _	10/29/10	Name of Inventor	Lewski Showishi (signature) Hiroshi SHIRAISHI	
Date			(signature) Hisamichi AlZAWA	
Date	······,		(signature) Tomoaki HOSHINO	
Date	,		(signature) Masaki OKAMOTO	
Page 2 of	2			February 2002

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ATTORNEY DOCKET NO.

4456-0154PUS1

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

	12/995,769 Application No	FiledDecember 2, 2010
Insert Name(s) of Inventor(s)	(	
	WHEREAS, Kenji IZUHARA, Shoichiro OHTA, Hiroshi SHIR Tomoaki HOSHINO and Masaki OKAMOTO	AISHI, Hisamichi AIZAWA,
	(hereinafter designated as the undersigned) has (have) invented certain new and	useful improvements in
Insert Title of Invention	METHOD FOR DETECTION OF IDIOPATHIC INTERSTITIAL PNE	UMONIA
	for which an application for Letters Patent of the United States of America undersigned (except in the case of a provisional application).	has been executed by the
Insert Date of Signing of Application	October 29, 2010; November 1, 2010; November 5, 2	010 ; and
Insert Name of Assignee	WHEREAS, SAGA UNIVERSITY and KURUME UNIVERSI	TY
Insert Address	1, Honjo-machi, Saga-shi, Saga 8408502 Japan and of 67, Asahi-machi, Kurume-shi, Fukuoka 8300011 Japan	
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as acquiring the entire right, title and interest in and to said invention and in and t may be granted therefor in the United States of America and  in any foreign countries.	the Assignee) is desirous of to any Letters Patent(s) that
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the the receipt of which is hereby acknowledged, and other good and valuable comhas (have) sold, assigned and transferred, and by these presents does sell, ass Assignee the full and exclusive right to the said invention in the United States dependencies and possessions and the entire right, title and interest in and to at which may be granted therefor in the United States of America, its term possessions, and if the box above is designated, in any and all foreign countries;	sideration, the undersigned sign and transfer unto said of America, its territories, ny and all Letters Patent(s)
	and to any and all divisions, reissues, continuations, conversions and extensions	thereof for the full term or

Page 1 of 2

### Attorney Docket No. 4456-0154PUS1

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The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date,	Name of Inventor	•
		(signature) Kenji IZUHARA
Date,	Name of Inventor	
		(signature) Shoichiro OHTA
Date,	Name of Inventor	
,	1.4110 01 11 101101	(signature) Hiroshi SHIRAISHI
Date	Name of Inventor	(signature) Hisamichi AlZAWA
		(signature) Hisamich AlZAWA
Date 11/1/2010		Con lo Hille
		(sīgnature) Tomoaki HOSHINO
Date 11/5/2010, Name of Inventor Majaki OKA (signature) Masaki OKA	Masaki Okamoto	
		(signature) Masaki OKAMOTO
Page 2 of 2		February 2002

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February 2002

**RECORDED: 12/03/2010**