DMB No. 0651-0027 (exp. 03/31/2009) RECORDATION FOR	United States Patent and Trademark Of M COVER SHEET				
PATENTS ONLY					
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.					
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)				
Masanori Takaki (01/20/2005), Kuriko Yamada (02/05/2005), Kisaburo Deguchi (02/07/2005), Hiroaki Nakagawa (02/06/2005), and Shinichiro Nishimura (02/07/2005) Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance/Execution Date(s): Execution Date(s): In parentheses after each inventor's name Assignment Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License X Other Corrected Recordation Form Cover Sheet (see attached)	Name: Hitachi High-Technologies Corporation Internal Address:				
11/061,536 Additional numbers attached? Name and address to whom correspondence concerning document should be mailed:	Yes X No 6. Total number of applications and 1				
Name: Mark J. Thronson DICKSTEIN SHAPIRO LLP	patents involved: I 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address: Atty. Dkt.: A8319,0066/P066 Street Address: 1825 Eye Street, NW	X Authorized to be charged to deposit account				
	Enclosed None required (government interest not affecting title				
City: Washington	None required (government interest not affecting title				
State: DC Zip: 20006-5403	None required (government interest not affecting title				
DC Zip: 20006-5403 Phone Number: (202) 420-4742	None required (government interest not affecting title				
DC Zip: 20006-5403 Phone Number: (202) 420-4742 Fax Number: (202) 420-2201	None required (government interest not affecting title 8. Payment Information				
State: DC Zip: 20006-5403 Phone Number: (202) 420-4742 (202) 420-2201 Fax Number: (202) 420-2201 (202) 420-2201 Email Address: ThronsonM@dicksteinshapiro.com (202) 420-2201 Signature: 1 1 1	None required (government interest not affecting title 8. Payment Information Deposit Account Number 04-1073				
DC Zip: 20006-5403 Phone Number: (202) 420-4742 Fax Number: (202) 420-2201 Email Address: ThronsonM@dicksteinshapiro.com	None required (government interest not affecting title 8. Payment Information Deposit Account Number Authorized User Name Mark J. Thronson				

PATENT REEL: 022770 FRAME: 0986

Appln. No. 11/061,536

Continuation of 3. Nature of Conveyance

The Recordation Form Cover Sheet, accompanying the Assignment, recorded on May 9, 2005, at Reel 016543, Frame 0672, referenced an incorrect application number. The correct Application No. is 11/061,536. Copies of the Assignment, the Recordation Form Cover Sheet (with the correction noted), and the Notice of Recordation are attached.

DSMDB-2623006v01 PATENT REEL: 022770 FRAME: 0987

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	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies):	2. Name and address of receiving party(les)
Masanori Takaki (01/20/2005), Kuriko Yamada (02/05/2005), Kisaburo Deguchi (02/07/2005),	Name: Hitachi High-Technologies Corporation
Hiroaki Nakagawa (02/06/2005), and	Internal Address:
Additional name(s) of conveying party(les) attached? X Yes No	Street Address:
3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name	24-14, Nishi Shinbashi 1-chome Minato-ku, Tokyo
Assignment Merger Change of Name	JAPAN
Security Agreement Joint Research Agreement	City:
Government Interest Assignment	Stale:
Executive Order 9424, Confirmatory License	Country: Zip:
Other	Additional name(s) & address(es) Yes X No attached:
4. Application or patent number(s): A. Patent Application No.(s) <u>11/061;539</u> [][06], 536	This document is being filed together with a new application. 3. Patent No.(s)
Additional numbers attache	
S. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and1
Name: Mark J. Thronson DICKSTEIN SHAPIRO MORIN & OSHINS	
Internal Address: Atty. Dkt.: A8319.0066/P066	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Street Address: 2101 L Street NW	Authorized to be charged to deposit account
	None required (government interest not affecting 6
City: Washington	8. Payment Information
State: DC Zip: _20037-1526	
Phone Number: (202) 775-4742 Factoria (202) 887 0680	Expiration Date 02/28/06
Fax Number: (202) 887-0689 Email Address: ThronsonM@DSMO.com	b. Deposit Account Number Authorized User Name
9. Signature:	
1586/14	May 9, 2005
Signature	
Peter McGee - 35,947 Name of Person Signing	Total number of pages including cover3

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Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Shinichiro Nishimura (02/07/2005) Additional Assignees (2. Continued): Assignee Name: Internal Address: Street Address: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: State: City: City: City: City: City: City: City: City: City: City:	Form PTO-1595	KEGORD	ATION FORM COVER SHEET (continued)	
Additional Assignees (2. Continued): Assignee Name: Internal Address: City: State: City: City: State: Country: Assignee Name: Internal Address: Street Address: Street Address:	Additional Conve	ying Party(ies)/Execu	ition Date(s) (1. Continued)	
Additional Assignees (2. Continued): Assignee Name: Internal Address: State: City: Assignee Name: Internal Address: Street Address: Street Address:	Shinichiro Nishimura	a (02/07/2005)		
Assignee Name:				
Assignee Name:				
Internal Address: Street Address: City: State: Country: Assignee Name: Internal Address: Street Address:	Additional Assigr	ees (2. Continued):		
Internal Address: Street Address: City: State: Country: Assignee Name: Internal Address: Street Address:	Assignee Name:			
City: State: Country: Assignee Name: Internal Address: Street Address:				
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Street Address:	Assignee Name:		· · · · · · · · · · · · · · · · · · ·	 _
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	City:	State:	Country:	Zip:
Assignee Name:				
Internal Address:				
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City: State: Country:	City:	State:	Country:	Zip:
anal Applications and/or Patents (A. Continued):	onal Applic	ations and/or Patents	s (4. Continued):	
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Additional Patent Application Numbers Ariditional Patent Numbers				
Additional Patent Application Numbers Additional Patent Numbers		Additional numbers	attached?	No

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(譲渡証)

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 Hitachi High-Technologies Corporation, a corporation organized under the laws of Japan, located at 24-14, Nishi Shinbashi 1-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi High-Technologies Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SACCHARIDE COMPOSITION PURIFICATION INSTRUMENT

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 whon granted, to be held and enjoyed by said Hitachi High-Technologies Corporation, its 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 relasue 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 Hitachi High-Technologies Corporation.

Date Signed

(署名日)

0990

Signed on the date(s) indicated aside signatures:

INVENTOR(\$) (発明者フルネームサイン)

1)	Masanori Jakaki Masanori TAKAKI	1 / 20 / 2005
2)	Masanori TAKAKI <u>Kuriko Yamada</u> Kuriko YAMADA	02/05/2005
3)	Kuriko YAMADA <u>Xeolus Depulv</u> Kisaburo DEGUCHI	02/07/2005
4)	<u>Hiroaki</u> Nakagawa	02/06/20a5
5)	Shinichiro NISHIMURA	02/07/2005
6)	· · · · · · · · · · · · · · · · · · ·	
7)		
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9)		PATENT_
RECOR	RDED: 06/02/2009	REEL: 022770 FRAME: