A/D 581-40

10/471366 DT15 Rec'd PCT/PTO 10 SEP 2003

03-29-2004

'ATES PATENT AND TRADEMARK OFFICE

__102706721

: Taro Kimura et al.

For

GENE CARRIERS UTILIZING AND THE

POLYSACCHARIDES

PRODUCTION THEREOF

Serial No.

UNKNOWN

Filing Date

: HEREWITH

Attorney Docket No.

TSUZ 2 00015

Cleveland, Ohio 44114-2518

RECORDATION FORM COVER SHEET

:

Assistant Commissioner for Patents Box Assignments Washington, DC 20231

Dear Sir:

1047/366

Please record the attached original document(s) or copy thereof.

1. Name of conveying Party(ies):

Kazuo Sakurai, Seiji Shinkai, Kazuya Koumoto, Masami Mizu (50%)

2. Name and Address of receiving Party(ies):

	Name: Japan Science and Technology Corporation
	Internal Address:
	Street Address: 4-1-8 Hon-cho, Kawaguchi-shi
	City: Saitama 332-0012
	State/Country Japan ZIP:
3.	Nature of Conveyance:
	X Assignment Change of Name
	Security Agreement Merger
	Other

Execution Date: <u>Kazuo Sakurai - September 1, 2003, Seiji</u> Shinkai - September 5, 2003, Kazuya Koumoto - September 3, 2003, Masami Mizu - September 3, 2003.

10/471366 DT15 Rec'd POT FTG 1.0 SEP 2003

~PP-	ication, the execution date of the application is: September 1, 3 and 5, 2003
	Date
Α.	Patent Application No.(s) B. Patent No.(s)
Addi	tional numbers attached? Yes _X No
	and address of party to whom correspondence erning document should be mailed:
Name	: Jay F. Moldovanyi (type name of attorney)
Firm	: FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP
Addr	ess: 1100 Superior Avenue
	Suite 700
City	: Cleveland
Stat	e: <u>Ohio</u> ZIP: 44114-2518
Numb	er of applications and patents involved:1
Tota	l fee (37 C.F.R. 3.41): \$\\\ 40.00
<u>X</u>	Enclosed
	Authorized to be charged to deposit account.
Depo	sit Account Number
	DO NOT USE THIS SPACE

DT15 Rec'd PCT/PTO LO SEP 2003

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP

10 2ep 2003

Jay F. Moldovanyi Reg. No. 29,678

1100 Superior Avenue

Suite 700

Cleveland, OH 44114-2518

(216) 861-5582

Total number of pages including cover sheet, attachments, and document:

_5____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Taro Kimura et al. For GENE CARRIERS UTILIZING POLYSACCHARIDES AND THE PRODUCTION THEREOF Serial No. UNKNOWN Filing Date : HEREWITH Attorney Docket No. : TSUZ 2 00015 Cleveland, Ohio 44114-2518 RECORDATION FORM COVER SHEET Assistant Commissioner for Patents Box Assignments Washington, DC 20231 Dear Sir: Please record the attached original document(s) or copy thereof. 1. Name of conveying Party(ies): Taro Kimura 2. Name and Address of receiving Party(ies): Name: Fukuoka Prefectural Government Internal Address:______ Street Address: 7-7, Higashikoen, Hakata-ku, Fukuoka-shi City: <u>Fukuoka 812-8577</u> State/Country____ZIP:_____ 3. Nature of Conveyance: X Assignment _____ Change of Name ____ Security Agreement ____ Merger Other _____

Execution Date: September 4, 2003

4.	Application number(s) or patent number(s)Recure()				
	If this document is being filed together with a new application, the execution date of the application is:				
	September 4, 2003				
	Date				
	A. Patent Application No.(s) B. Patent No.(s)				
	Additional numbers attached? YesX No				
5.	Name and address of party to whom correspondence concerning document should be mailed:				
	Name: Jay F. Moldovanyi (type name of attorney)				
	Firm: FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP				
	Address: 1100 Superior Avenue				
	Suite 700				
	City: Cleveland				
	State: Ohio ZIP: 44114-2518				
6.	Number of applications and patents involved:1				
7.	Total fee (37 C.F.R. 3.41): \$_40.00				
	X Enclosed				
	Authorized to be charged to deposit account.				
8.	Deposit Account Number				
Γ					
ļ	DO NOT USE THIS SPACE				

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP

10 5ep 2003

Date

Jay F. Moldovanyi

Reg. No. 29,678

1100 Superior Avenue

Suite 700

Cleveland, OH 44114-2518

(216) 861-5582

Total number of pages including cover sheet, attachments, and document: $\frac{4}{2}$

- 3 **-**

	which is hereby acknowledged, I/We, the undersigned,
Kazuo SAKURAI, Seiji Sl	HINKAI and Kazuya KOUMOTO
who has/have created a certain invention for which	an application for United States Letters Patent has been
[] executed concurre [] executed on [X] filed11 Marc	th 2002; Serial No. PCT/JP02/02228
and is entitled GENE CARRIERS UTILIZING POLYSACCI	HARIDES AND THE PRODUCTION THEREOF
	and Technology Corporation, a corporation of the Country pusiness at 4·1·8, Hon cho, Kawaguchi shi, Saitama 332·0012, Japan
invention and said application and to any and all in States and its territorial possessions and the entire r which may be granted therefor in the United States continuations-in-part, continuations, divisions, subs applications for Letters Patent relating thereto which territorial possessions, and all rights, together with	h have been or shall be filed in the United States and its
for and receive Letters Patent for said invention and invention, in its own name, in the United States and carry out in good faith the intent and purpose of this successors, assigns and legal representatives, the uncontinuations, divisions, substitutes, reissues, extens powers of attorney and other papers, testify in any Assignee, its successors, assigns or legal representativention and the history thereof; and generally do assigns, or legal representatives shall consider desire	d its territorial possessions; and that, when requested to is assignment, at the expense of said Assignee, its indersigned will execute all continuations-in-part, sions thereof, execute all rightful oaths, assignments, legal or quasi legal proceedings; communicate to said tives all facts known to the undersigned relating to said everything possible which said Assignee, its successors, rable for aiding in securing, maintaining and enforcing vesting title to said invention and all applications for
mortgage, license or other agreement affecting the	s, or legal representatives that no assignment, grant rights and property herein conveyed has been made to avey the same as herein expressed is possessed by the
IN TESTIMONY WHEREOF I/WE have hereunto below.	set MY/OUR signature(s) on the date(s) indicated
Kazen Sha -	S. Street
Name: Kazuo SAKURAI Date 01, Seprenher /2003	Name: Seiji SHINKAI Date 05 September, 2003
K. Kouto	•
Name: Kazuya KOUMOTO Date 03 September, 2003	Name: Date
Name:	Name:

Date_

Date_

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Masami MIZU	who has created a certain invention for which an application for
United States Letters Pate	nt has been
	[] executed concurrently herewith [] executed on
and is entitled <u>GENE CAR</u>	RIERS UTLIZING POLYSACCHAREDES AND THE PRODUCTION THEREOF
the Country of <u>Japan</u> 332-0012, <u>Japan</u> , its such said application and to any possessions and the entire granted therefor in the continuations-in-part, compaphications for Letters Paulited States, its territoria	transfer to <u>Japan Science and Technology Corporation</u> , a corporation of having a place of business at <u>4·1·8 Hon-cho, Kawaguchi-shi, Saitama ccessors, assigns, and legal representatives, one half right to said invention and vall inventions described in said application for the United States its territorial eright, title and interest in and to any and all Letters Patent which may be United States and its territorial possessions; and in and to any all tinuations, divisions, substitutes, reissues, extensions thereof, and all other atent relating thereto which have been or shall been or shall be filed in the all possessions, and one half right together with all priority rights, under any of ions, unions, agreements, acts, and treaties, including all future conventions, and treaties;</u>
apply for and receive Letter invention, in its own name carry out in good faith the successors, assigns and lecontinuations, divisions, suppowers of attorney and oth Assignee, its successors, as aid invention and the his successors, assigns, or legand enforcing proper pate	rece and Technology Corporation, hereinafter referred to as Assignee, may ers Patent for said invention and said inventions, hereinafter referred to as said e, in the United States, its territorial possessions; and that, when requested to e intent and purpose of this assignment, at the expense of said Assignee, its regal representatives, the undersigned will execute all continuations-in-part, abstitutes, reissues, extensions thereof, execute all rightful oaths, assignments, her papers, testify in any legal or quasi legal proceedings; communicate to said assigns or legal representatives all facts known to the undersigned relating to istory thereof; and generally do everything possible which said Assignee, its all representatives shall consider desirable for aiding in securing, maintaining ant protection for said invention and for vesting title to said invention and all on said invention in said Assignee, its successors, assigns, or legal

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that half to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

M. Myu Name: Masami MiZU

representatives; and

Date: 03, September, 2003

PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re Application of : Taro Kimura et al. For GENE CARRIERS UTILIZING POLYSACCHARIDES AND THE PRODUCTION THEREOF Serial No. UNKNOWN : Filing Date : HEREWITH Attorney Docket No. : TSUZ 2 00015 Cleveland, Ohio 44114-2518 RECORDATION FORM COVER SHEET Assistant Commissioner for Patents Box Assignments Washington, DC 20231 Dear Sir: Please record the attached original document(s) or copy thereof. Name of conveying Party(ies): 1. Masami Mizu (50%) 2. Name and Address of receiving Party(ies): Name: Taito Co. Ltd. Internal Address: Street Address: 7-5, Nihonbashiodenma-cho, Chuo-ku City: Tokyo 103-0011 State/Country_____ZIP:_____ 3. Nature of Conveyance: X Assignment ____ Change of Name ____ Security Agreement ____ Merger

Execution Date: <u>September 3, 2003</u>

Other _____

	September 3, 2003 Date	
	A. Patent Application No.(s) B. Patent No.).(s)
	Additional numbers attached? Yes _X_	No
•	Name and address of party to whom correspondencerning document should be mailed:	
	Name: Jay F. Moldovanyi (type name of attorney)	
	Firm: FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP	
	Address: 1100 Superior Avenue	
	Suite 700	
	City: Cleveland	
	State: Ohio ZIP: 44114-253	18
	Number of applications and patents involved: 1	
•	Total fee (37 C.F.R. 3.41): \$ 40.00	
	X Enclosed	
	Authorized to be charged to deposit account.	•
	Deposit Account Number	
	DO NOT USE THIS SPACE	

9. Statement and signature.

> To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

> > Respectfully submitted,

FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP

Jay F. Moldovanyi

Reg. No. 29,678

1100 Superior Avenue

Suite 700

Cleveland, OH 44114-2518

(216) 861-5582

Total number of pages including cover sheet, attachments, and document:

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Masami MIZU who has created a certain invention for which an application for
United States Letters Patent has been
 executed concurrently herewith executed on
and is entitled GENE CARRIERS UTILIZING POLYSACCHAREDES AND THE PRODUCTION THEREOF
Do hereby sell, assign and transfer to Taito Co. Ltd, a corporation of the Country of Japan having a place of business at 7-5, Nihonbashiodenma-cho, Chuo-ku, Tokyo 103-0011, Japan, its successors, assigns, and legal representatives, one half right to said invention and said application and to any all inventions described in said application for the United States its territorial possessions and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions; and in and to any all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall been or shall be filed in the United States, its territorial possessions, and one half right together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties;
Agree that <u>Taito Co. Ltd.</u> , hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that half to convey the same as herein expressed is possessed by the undersigned.
IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.
M. Mign Name: Masami MIZU
Date: 03. September, 2003

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned,				
Taro KIMURA				
who has/have created a certain invention for which	an application for United States Letters Patent has been			
[] executed concurr [] executed on	rently herewith			
[X] filed 11 March	2002 ; Serial No. PCT/JP02/02228			
	HARIDES AND THE PRODUCTION THEREOF			
Do hereby sell, assign and transfer to Fukuoka Pre of Japan having a place of b	otectural Government, of the Country Sousiness at 7.7, Higashikoen, Hakata-ku, Fukuoka-shi, Fukuoka			
812-8577, Japan, its successors, assigns, and legal re				
	ventions described in said application for the United			
<u> •</u>	right, title and interest in and to any and all Letters Patent			
which may be granted therefor in the United States continuations-in-part, continuations, divisions, subs	and its territorial possessions; and in and to any and all			
	th have been or shall be filed in the United States and its			
territorial possessions, and all rights, together with				
	including all future conventions, unions agreements,			
acts, and treaties;				
for and receive Letters Patent for said invention and invention, in its own name, in the United States and carry out in good faith the intent and purpose of the successors, assigns and legal representatives, the uncontinuations, divisions, substitutes, reissues, exten powers of attorney and other papers, testify in any Assignee, its successors, assigns or legal representativention and the history thereof; and generally do assigns, or legal representatives shall consider desir proper patent protection for said invention and for patents on said invention in said Assignee, its successors, assign mortgage, license or other agreement affecting the others by the undersigned, and that full right to conundersigned.	d its territorial possessions; and that, when requested to is assignment, at the expense of said Assignee, its indersigned will execute all continuations-in-part, asions thereof, execute all rightful oaths, assignments, legal or quasi legal proceedings; communicate to said atives all facts known to the undersigned relating to said everything possible which said Assignee, its successors, rable for aiding in securing, maintaining and enforcing vesting title to said invention and all applications for essors, assigns, or legal representatives; and as, or legal representatives that no assignment, grant rights and property herein conveyed has been made to nevey the same as herein expressed is possessed by the			
IN TESTIMONY WHEREOF I/WE have hereunto below.	set MY/OUR signature(s) on the date(s) indicated			
Tono Ximera				
Name: Taro KIMURA	Name:			
Name: Taro KIMURA Date 04. September. 2003	Date			
•				
Name:	Name:			
Date	Date			
	•			
Name:	Name:			
Date	Date			

RECORDED: 09/10/2003