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07-30-1998



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Attorney Docket No.: 07898/030001

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Toagosei Co. Ltd.

2. Name and address of receiving party(ies)

Additional names/addresses attached?

14-1, Nishishinbashi 1-chome Minato-ku, Tokyo 105-8419 Japan

Patents: Pleas

Name of conveying party(ies): Kinya Kamiya, Yoko Matsuda, Kiyoshi Uchida

Additional name(s) attached? ☐ Yes ■ No

- Nature of conveyance:
 - Assignment
 - □ Merger
 - □ Security Agreement
 - ☐ Change of Name
 - ☐ Other:

Execution Date: 7/15/98

Application number(s) or patent number(s).

If this document is being filed with a new application, the execution date of the application is: 7/15/98

A. Patent Application No.(s):

B. Patent No.(s):

09-120853

Additional numbers attached? [] Yes ■ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Lisa A. Haile Fish & Richardson P.C. 4225 Executive Square, Suite 1400 La Jolla, CA 92037

- 6. Total number of applications/patents involved: 1
- Total fee (37 CFR 3.41): \$40
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PATENT

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07/26/1998 TTOW11

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Attorney's Docket No.: 07898/030001 Assignment of Application

WHEREAS, I (WE)		
Kinya KAMIYA. Yoko MAT	SUDA and Kiyoshi UCHIDA of a	ll c/o Toagosei
Co., Ltd., Tsukuba Research	h Laboratory, 2 Okubo, Tsukuba-	shi.
Ibaraki 300-2611 Japan		the transfer of the second
	and useful improvements in:	
AN ANTISENSE NUCLEIC	ACID COMPOUND	
for which an application for	Letters Patent was executed on	
(Application No	,filed),and
	.td	
(hereinafter referred to as".	ASSIGNEE")having a place of bus	
14-1, Nishishinbashi 1-cho	me, Minato-ku, Tokyo 105-8419 J	Japan
is desirous of acquiring the	entire right, title and interest in	and to said inventior
and in and to any Letters	Patent that may be granted th	erefore in the United
	ssessions and in any and all fore	

NOW,THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries 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 any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any official of any and all foreign

PATENT REEL: 9340 FRAME: 0899 countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal representatives and assigns covenant and any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of FISH & RICHARDSON P.C. of 4225 Executive Square, Suite 1400, La Jolla, California 92037 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:_	July 15, 1998	Kinya Kamija (Signature of inventor) Kinya KAMIYA	
		(Signature of inventor) Kinya KAMIYA	
Date:_	July 15, 1998	John Matsude	
		(Signature of inventor) Yoko MATSUDA	
Date:	July 15, 1998	Nigosla Welada	
The second secon		(Signature of inventor) Kiyoshi UCHIDA	

PATENT
RECORDED: 07/21/1998 REEL: 9340 FRAME: 0900