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1. Name of conveying party(ies):	2. Name and address	s of receiving party(ies)			
SHIMIZU, Hiroyuiki; ASA	DA, Hidehisa; ENDO, Kazuaki	Name: Shionogi & Co., Ltd.				
Additional name(s) of convey		Internal Address: Street Address: 1-8, Doshomachi 3-chome, Chuo-ku,				
3. Nature of conveyance:			Osaka-shi			
Assignment	☐ Merger	City: Osaka	State: ZIP:			
Security Agreement	☐ Change of Name	Country: JAPAN	N Postal Code: 541-0045			
Other:			& address(es) attached? TYES NO			
24, 2000, respectively.	bruary 23, 2000 and February					
4. Application number(s) or p						
If this document is being filed	I together with a new application, the	he execution date of the	e application is:			
February 18, 2000,	February 23, 2000 and February	24, 2000, respectively	y-			
A. Patent Application No(s).		B. Patent No.(s).				
New						
	Additional numbers attac	ched? YES X	NO One (1)			
5. Name and address of party concerning document should be should	to whom correspondence	6. Total No. of applications/patents involved: One (1)				
-	, KOLASCH & BIRCH, LLP	7. Total fee (37 C.F.R. § 3.41): \$40.00				
		⊠ Enclosed				
Street Address: P.O. BOX 74		Authorized to be charged to deposit account, if no fee attached.				
Oily: 1112221	tate: VA ZIP: 22040-0747	8. Deposit account r				
Country: USA		(Attac	(Attach triplicate copy of this page if paying by deposit account)			
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9 Statement and signatura	MA		the standard complex stress			
To the best of my kr copy of the original documen Raymond C. Stewart, # Name of Person Signing/Re	21,066 eg. No.	Signature Signature	April 24, 2000 Date			
Total	number of pages including cover s	heet, attachments, and o	document: Three (3)			

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(Rev. 04/19/2000)

PATENT REEL: 010834 FRAME: 0727

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ATTORNEY DOCKET NO. 32-254P

ASSIGNMENT

		Application No.	New	-			Filed	4-24-00	
Insert Name(s) of Inventor(s)	→	WHEREAS,	Hiroyuki	SHIMIZU,	Hidehisa	ASADA and	d Kazuaki	ENDO	
		(horningfor designs		:					
Insert Title of Invention	→	(hereinafter designa	INHIBITING						
		IMPROVED ME	THOD FOR ME	CASURING N	ATRIURETI	C PEPTIDE	S WITH TH	E USE OF THE	SAME
		for which an applica (except in the case of			nited States of	America has be	een executed	by the undersigned	
Insert Date of Signing of Application	→	on February respectiv	18, 2000 ely	, Februa	ry 23,	2000 and	, Febru	ary 24,2000	ο,
nsert Name of Assignee	⇒	WHEREAS,	Shionogi	& Co., Lt	cd.				
nsert Address of Assignee	-	of 1-8, Dosh	nomachi 3-ch	nome, Chuc	-ku, Osal	ka-shi, Os	aka 541-(0045	
		JAPAN							
CHECK BOX FAPPROPRIATE		its heirs, successors, acquiring the entire may be granted the	e right, title and i refor in the Unit	nterest in and	l to said inven	ter designated ation and in ar	as the Assign ad to any Lett	nee) is desirous of ters Patent(s) that	
		NOW, THERI paid, the receipt of w has (have) sold, ass Assignee the full ar dependencies and p	which is hereby ac signed and trans ad exclusive righ	knowledged, a sferred, and b t to the said	and other good by these prese invention in 1	d and valuable ents does sell, the United Sta	consideration assign and tates of Ameri	ransfer unto said	

which may be granted therefor in the United States of America, its territories, dependencies and possessions,

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

and if the box above is designated, in any and all foreign countries;

terms for which the same may be granted.

PATENT REEL: 010834 FRAME: 0728 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).

Date 18 Feb. 2000	Name of Inventor (signature) Hiroyuki SHIMIZU
Date 23 Feel. 2000,	Name of Inventor Videhusa Usada (signature) Hidehisa ASADA
Date 24 Feb. 2000,	Name of Inventor (signature) Kazuaki ENDO
Date,	Name of Inventor(signature)
Date,	Name of Inventor(signature)
Date,	Name of Inventor(signature)

RECORDED: 04/24/2000

PATENT REEL: 010834 FRAME: 0729