A 581-40

10/203420 DT12 Rec'd PCT/PTO 08 AUG 2002

	CUSTOMIZED REC 09-27-2002 U.S. DEPARTMENT OF U.S. Patent and Trade				
	To The Honorable Commissioner of F Please record the attached origin  102234792  Docket	No.: P0			
	1. Name of conveying party(ies)				
	Keisuke MORI 2007 08/02 Shin YONEYA				
	2. Name and address of receiving party(ies):				
	Name: MEIJI SEIKA KAISHA, LTD. Street Address: 4-16, Kyobashi 2-chome, Chuo-ku City + Address: Tokyo, Japan				
	3. Nature of conveyance:				
	X Assignment Merger Security Agreement				
	Change of Name Other:				
	× Execution Date: July 26, 2002 /0/2031/20				
/	Application number(s) or patent number(s)				
08/14/2002	TKAYPAGH This document is filed together with a new application whose execution date is: 7/26/02				
02 FC:581	A. Patent No.(s)  B. Patent No.(s)				
	PCT/JP00/00901				
\	5. Name and address of party to whom correspondence concerning document should be mailed:				
	Name: B. Aaron Schulman Tel.: 703-739-4900 LARSON & TAYLOR, PLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314-1437				
	6. Total number of applications and patents involved:	#1			
į	7. Total fee (37 CFR 3.41)				
	X Enclosed (fee code 581)	\$40.00			
	(8. Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555.)				
	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.				
	Douglas E. Jackson  Name of person signing  Date  Douglas E. Jackson  Signafure  August 8, 2	002			
	Total number of pages including cover sheet, attachments and documents:				

PATENT

**REEL: 013325 FRAME: 0253** 

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS,
(1) Keisuke MORI
(2) Shin YONEYA
(3)
(4)
(5)
(6)both
residing <del>respectively</del> at
(1) c/o Saitama Medical School, 38 Morohongo, Moroyama-cho, Iruma-gun, Saitama, Japan (2)
(3)
(4)
(5)
(6)
(hereinafter referred to as the "ASSIGNOR") has/have invented
certain new and useful improvements in
for which ASSIGNOR has
[ ] executed on even date herewith
[ x ] executed on
[ ] filed on,
an application for Letters Patent of the United States of
America, Serial No
And WHEREASMEIJI SEIKA KAISHA, LTD.
a company organized under the laws of
and having a principal place of business at
4-16, Kyobashi 2-chome, Chuo-ku, Tokyo, Japan
(hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof.  NOW THEREFORE in consideration of the sum of ten U.S.

NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto

PATENT REEL: 013325 FRAME: 0254 the ASSIGNEE the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will, upon request, communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, reexamination, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

(1)	Signature:	Keisuke	Mari
` ,	Name:		
	Date:	26	July 2002
(2)			
	Name:	Shin YONEYA	
	Date:		
(3)			
	Name:		
	Date:		<del> </del>
(4)	Signature:		
	Name:		
	Date:		
(5)	Signature:		
	Name:		
(6)			
	Date:		

PATENT REEL: 013325 FRAME: 0255 the ASSIGNEE the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will, upon request, communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, reexamination, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

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The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

(1)	Signature:_	
	Name:	Keisuke MORI
	Date:	
(2)	Signature:_	
	Name:	Shin YONEYA
	Date:	26/7/02
(3)		/
(4)		
	Name:	
		·
(5)		
(6)		
	Date:	

RECORDED: 08/08/2002

PATENT REEL: 013325 FRAME: 0256