

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Kozo TSUBOUCHI		05/30/2005
RECEIVING PARTY DATA		
Name:	National Institute of Agrobiological Sciences	
Street Address:	1-2, Kannondai 2-chome	
City:	Tsukuba-shi, Ibaraki	
State/Country:	JAPAN	
Postal Code:	305-8602	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	10789494	
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NAME OF SUBMITTER:	Terryence F. Chapman	
Total Attachments: 2		
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PATENT
REEL: 016843 FRAME: 0598

ASSIGNMENT

WHEREAS, by virtue of an Assignment recorded in the United States Patent and Trademark Office on Reel 015040, Frame 0292, on February 27, 2004, Kozo TSUBOUCHI (hereinafter referred to as Assignor) is the 50% owner of United States Patent Application Serial No. 10/789 494, filed on February 27, 2004, in the names of Kozo TSUBOUCHI and Hiromi YAMADA and entitled EXTRACTION AND UTILIZATION OF CELL GROWTH-PROMOTING PEPTIDES FROM SILK PROTEIN.

WHEREAS, NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, having a place of business at 1-2, Kannondai 2-chome, Tsukubashi, Ibaraki 305-8602, Japan, (hereinafter referred to as Assignee) is desirous of acquiring from said Assignor his entire right, title and interest in, to and under the aforesaid patent application and the invention therein described and claimed.

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) paid by the said Assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred and by these presents does sell, assign, transfer, and set over to the said Assignee the full and exclusive right to 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 and extensions thereof.

Assignor hereby authorizes and requests the Patent and Trademark Office officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the Assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said Assignee, its successors and assigns.

Further, Assignor agrees that it will communicate to said Assignee, or its representatives, any facts known to it respecting said invention, and testify in any legal proceedings,

sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths or declarations, and generally cooperate with said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN WITNESS WHEREOF, Assignor has caused this instrument to be executed this 30th day of May, 2005, at Ibaraki, Japan

Signed in the Presence of

Witness: Shinji SHIRASAKI

Kozo Tsubouchi
KOZO TSUBOUCHI

Witness