PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuhiko KOBAYASHI	07/08/2011

RECEIVING PARTY DATA

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Property Type	Number
Application Number:	13184084

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NAME OF SUBMITTER: James M. Slattery

Total Attachments: 2

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PATENT REEL: 026609 FRAME: 0276

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

	Application No. <u>13/184,084</u>	<u> </u>		Filed July 15, 2011	
Insert Name(s) of Inventor(s)					
	WHEREAS,	Kazuhiko	KOBAYASHI		
		,		;	
		•			
		,			
		,		, — — — — — — — — — — — — — — — — — — —	
	(hereinafter designated as the under	rsigned) has (ha	ve) invented certain	new and useful improvements in	
Insert Title of Invention	BONDING APPARATUS AND I	BONDING ME	THOD		
	for which an application for Letters undersigned (except in the case of a			erica has been executed by the	
Insert Date of Signing of Application	on2	011.7.	8	; and	
Insert Name of Assignee	WHEREAS, Apic Yan	mada Corpo:	ration		
Insert Address of Assignee	90, Ooaza Kamitokuma	, Chikuma-	shi, Nagano 3	889-0898 Japan	
CHECK BOX IF APPROPRIATE					
	NOW, THEREFORE, in considerate paid, the receipt of which is herefundersigned has (have) sold, assignmenter unto said Assignee the further and all Letters Patent(s) which territories, dependencies and posses countries;	by acknowledge gned and transf all and exclusive sies and possess ch may be gran essions, and if t	d, and other good a erred, and by these e right to the said in ions and the entire r ated therefor in the he box above is des	and valuable consideration, the presents does sell, assign and vention in the United States of eight, title and interest in and to United States of America, its eignated, in any and all foreign	
	and to any and all divisions, reissu	ues, continuatio	ns, conversions and	extensions thereof for the full	

term or terms for which the same may be granted.

Page 1 of 2

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	Name of Inventor	Kaguliks (signature) Kazuhiko	Kobayashi
Date,		(signature)	·
Date,		(signature)	
Date,	Name of Inventor	(signature)	
Date,	Name of Inventor	(signature)	
Date,	Name of Inventor	(signature)	

Page 2 of 2

June 2002