PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hisashi KAWAMOTO	05/22/2009

RECEIVING PARTY DATA

Name:	SEIKO PRECISION INC.
Street Address:	1-1, Akanehama 1-chome,
City:	Narashino-shi, Chiba
State/Country:	JAPAN
Postal Code:	275-8558

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12636972

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 090328

NAME OF SUBMITTER: Mel R. Quintos

Total Attachments: 1

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CH \$40,00

PATENT REEL: 023654 FRAME: 0953

U.S. ASSIGNMENT

	20001220	31.32 (1.2.2			
(Insert ASSIGNEE's	IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by SEIKO PRECISION INC.				
Name(s) Address(es))	1-1, Akanehama 1-chome, Narashino-shi, Chiba, 275-8558, Japan				
	(hereinafter ASSIGNEE), the receipt ASSIGNOR hereby sells, assigns and and interest to the invention entitled:				
(Title of Invention)	BLADE DRIVE DEV	CE AND OPTICAL APP	ARATUS		
(*If the assignment is being filed after the	for which application for Letters Pa unless otherwise indicated below:	tent of the United States was exe	ecuted on even date herewith		
filing of the application, this section must be completed)	December 14, 2009 * filed on, Serial No	636,972			
• ,	(Kratz, Quintos & Hanson, LLP is filing date hereon, when known)	hereby authorized to insert the ser	ial code, serial number and/or		
	and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.				
	The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.				
·	The ASSIGNOR agrees to execute litigation, or other legal proceeding continuation, divisional, reissue or rethereon and to cooperate with the A evidence and proceeding with such in	which may be declared concer examination thereof or Letters P SSIGNEE in every way possible	ning this application or any atent or reissue patent issued in obtaining and producing		
	IN WITNESS WHEREOF, the under	rsigned inventor(s) has (have) affi	xed his/her/their signature(s).		
(Signatures)			200 C		
	Hisoshi Kawamoto (Signature)	Hisashi KAWAMOTO (Type Name)	May 22, 2009 (Date)		
	(expuners)	(L) periame)	(200)		
	(Signature)	(Type Name)	(Date)		
	(Signature)	(Type Name)	(Date)		

NO LEGALIZATION REQUIRED

(Signature)

(Signature)

(Signature)

Rev. 07/07

(Date)

(Date)

(Date)

PATENT REEL: 023654 FRAME: 0954

(Type Name)

(Type Name)

(Type Name)

RECORDED: 12/15/2009