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PATENTS	HDP Docket No. 9319O-002253 Express Mail Label No. EM 061 814 180 US			
To the Director of the U.S. Patents and Trademark Office; Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)/Execution Date(s):	Name and address of receiving party(les)			
Izymi NOZAWA Hitotoshi KIMURA	Name: Seiko Epson Corporation			
	Internal Address:			
Execution Date(s) 10/31/07; 10/31/07 Additional name of conveying party(les) attached? ☐ Yes ☒ No				
3. Nature of conveyance:	Street Address: 4 <u>-1 Nishi-shinjuku 2-chome</u>			
⊠ Assignment ☐ Merger	<u>Shinjuku-ku</u>			
☐ Security Agreement ☐ Change of Name	City: Tokyo			
Government Interest Assignment	State:			
Executive Order 9424, Confirmatory License	Country: Japan zip: 163-0811			
☐ Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No			
4. Application number(s) or patent number(s):	This document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
29/292,532				
	' <u>-</u> <u>-</u>			
Additional numbers atta	ched? ☐ Yes ☑ No			
<ol><li>Name and address of party to whom correspondence concerning this document should be mailed;</li></ol>	6. Total number of applications and patents involved: 1			
Name: G. Gregory Schivley	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: Harness, Dickey & Pierce, P.L.C.	Authorized to be charged by credit card			
	Authorized to be charged to deposit account			
Street Address: P.O. Box 828	☐ Enclosed			
	☐ None required (government interest not affecting title)			
City; Bloomfield Hills	8. Payment Information			
State: MI Zip; <u>48303</u>	a. Credit Card Last 4 Numbers			
Phone Number : 248-641-1600	Expiration Date			
Fax Number: <u>248-641-0270</u>	b. Deposit Account Number 50-3213			
Email Address: bewade@hdp.com	Authorized User Name Epson R&D			
9. Signature: There When I have	November 30, 2007			
G. Gregory Schivley Bryant E. Walde	Date Total number of pages including cover			
Name of Person Signing	sheet, attachments, and documents 3			

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PATENT

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### Seiko Epson Ref. No.: J0135383US01

# 譲渡証(Translation/日本語訳)

下配に署名した私/私達、

### 野澤 泉、木村 仁俊は、

ある発明を創出し、これについて合衆国特許出願は

$\boxtimes$	ここに私/私塗	により署名され、		
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	が交付され,			
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## Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,

#### Izumi NOZAWA, Hitotoshi KIMURA,

who have created a certain invention for which an application for United States Letters Patent

	executed by ME/US on even date herewith, executed by ME/US on, (respectively), filed on and assigned Serial No filed as International Application No filed on		
and entitle	, ed: ARTRIDGE		

Do hereby sell, assign and transfer to Seiko Epson Corporation, a corporation of Japan, having a place of business at 4-1. Nishirshinjuku 2-chome, Shinjuku-ku, Tokyo, Japan, successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and 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, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unlons, agreements, acts, and treaties;

Agree that Seiko Epson Corporation, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment. at the expense of said Assignee, its successors, assigns and legal representatives. the undersigned will execute continuations-in-part, continuations, divisions, substitutes, relesues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

> PATENT REEL: 020184 FRAME: 0615

#### Seiko Epson Ref. No.: J0135383US01

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さらに、下記に署名した私/私達はこの酸波掛は英語の部分の 表現によってのみ解釈されることに同意する。

上記を証明するため、私/私達は下記日付で署名する。

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

唯一または第一発明者名		F 11 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	····
野澤泉		Full name of sole or first inventor Izumi NOZAWA	
発明者の署名	<b>□</b> (4:	Inventor's signature	Date
野澤 泉	2007年10月31日	Isumi Nozawa	Oct 3/ 2007
第二共同発明者 (いる場合) 木村 仁俊		Full name of second joint inventor, if any Hitotoshi KIMURA	
第二共同発明者の署名	日付	Second Inventor's signature	Date
木村仁俊	2007年10月31日	Hitotoshi Kimura	Oct 31, 2007
第三共同発明者(いる場合)	-	Full name of third joint inventor, if any	
第三共同発明者の署名	日付	Third Inventor's signature	Date
第四共同発明者(いる場合)		Full name of fourth joint inventor, if any	
第四共同発明者の警名	目付	Fourth Inventor's signature	Date
第五共同発明智(いる場合)			
地市民间建筑县(6.94厘4)		Full name of fifth Joint inventor, if any	
第五共同発明者の署名	日付	Fifth Inventor's signature	Date
第六共間発明者(いる場合)		Cull name of chall into the second	
		Full name of sixth joint inventor, if any	
第六共同発明者の署名	日付	Sixth Inventor's signature	Date
第七共同発明者(いる場合)			
us mistlestable (p. の地口)		Full name of seventh Joint inventor, if any	,
第七共同発明者の署名	自付	Seventh Inventor's signature	Date
第八共同発明者 (いる場合)		Full name of eighth joint inventor, if any	
第八共同発明者の署名	日付	Eighth Inventor's signature	Date

PATENT REEL: 020184 FRAME: 0616

## HARNESS, DICKEY & PIERCE, P.L.C.

Attorneys and Counselors 5445 Corporate Drive, Suite 400 Troy, Michigan 48098-2683 Phone: 248-641-1600 Fax: 248-641-0270

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