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Bruce L. Adams
Name of Person Signing

02-15-2005

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Inited States	Patent and	Trademar	k Office

RE 102941408							
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.							
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)						
	Name: Seiko Instruments Inc.						
Masayuki KAWATA	Internal Address:						
Execution Date(s) JANUARY 28, 2005 Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance:	Street Address: 8, Nakase 1-chome, Mihama-ku Chiba-shi						
Assignment Merger	City: Chiba						
Security Agreement Change of Name	State:						
Government Interest Assignment	Country: JAPAN Zip: 261-8507						
Executive Order 9424, Confirmatory License	Country: JAPAN Zip: 261-8507						
Other	Additional name(s) & address(es) attached? Yes Vo						
— —	document is being filed together with a new application.						
A. Patent Application No.(s)	B. Patent No.(s)						
10/033,583	OPR						
	PR FB						
Additional numbers att							
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:						
Name: Bruce L. Adams	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00						
Internal Address:	Authorized to be charged by credit card						
Street Address: Adams & Wilks	Authorized to be charged to deposit account ANY DEFICIENCY IN ENCLOSED FEE Enclosed						
50 Broadway - 31st Floor	None required (government interest not affecting title)						
City: New York	8. Payment Information						
State: New York Zip: 10004	a. Credit Card Last 4 Numbers Expiration Date						
Phone Number: (212) 809-3700	b. Deposit Account Number 01-0268						
Fax Number: (212) 809-3704	Authorized User Name Bruce L. Adams						
Email Address:	Authorized Oser Indine <u>bluce L. Adams</u>						
9. Signature:	FEBRUARY 9, 2005						

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 016247 FRAME: 0143

Total number of pages including cover sheet, attachments, and documents:

ASSIGNMENT

WHEREAS, I, Masayuki KAWATA, residing at c/o Seiko
Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba,
Japan have invented new and useful improvements in

PORTABLE INFORMATION APPARATUS AND FILM LIQUID CRYSTAL DEVICE
for which I have prepared an application for Letters Patent of
the United States of America;

AND WHEREAS, Seiko Instruments Inc., located and doing business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration to me in hand paid, the receipt of which is hereby acknowledged, I have assigned, sold and transferred and by these presents do hereby assign, sell and transfer unto the said Seiko Instruments Inc. for the territory of the United States of America, my entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by me on JANUARY 31, 2002, filed December 20, 2001, Serial No. 10/033,583 preparatory to obtaining Letters Patent thereon and in and to any and all divisions, reissues and continuations thereof, and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by the said Seiko Instruments Inc., its legal representatives and assigns, as fully and entirely as the same would have been held by me had this assignment, sale and transfer not been made.

> PATENT REEL: 016247 FRAME: 0144

AND, I hereby covenant and agree that I will at any time upon the request and at the expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and I hereby authorize and request the Honorable Commissioner of Patents and Trademarks to issue the said Letters Patent to the said Seiko Instruments Inc. in accordance with this assignment.

Executed	this	28th day	of	January ,	2005	at
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Witness:

Masaki HORI

massyshi Hawatas

(L.S.

HORI Masayuki KAWA