09-02-2004



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To the Director of the U.S. Patent and Trademark Office: Ple	ase 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)
Satoshi MACHIDA	Name: SEIKO INSTRUMENTS INC.
Masahiro YOKOMICHI	Internal Address:
Yukito KAWAHARA	
Execution Date(s) July 30, 2004	- Street Address: 8, Nakase 1-chome, Mihama-ku
Additional name(s) of conveying party(ies) attached? Yes /	No
3. Nature of conveyance:	
✓ Assignment	City: Chiba-shi, Chiba
Security Agreement Change of Name	State:
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: Japan Zip: 261-8507
Other	Additional name(s) & address(es) attached? Yes V No
4. Application or patent number(s): This document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)
09/237,230	
A 4.190 and a supplementary	attached?
Additional numbers attached?	
concerning document should be mailed:	involved:
Name: Bruce L. Adams Esq.	7 Total foo (27 CER 1 21/h) 8 2 41) \$ 40.00
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
memar Addiess.	Authorized to be charged by credit card Authorized to be charged to deposit account—
Chanak Addanas Al Garage	Enclosed ANY DEFICIENCY IN ENCLOSED FEE
Street Address: Adams & Wilks	None required (government interest not affecting title)
50 Broadway - 31st Floor	8. Payment Information
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Phone Number: (212) 809-3700	b. Deposit Account Number 01-0268
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Name of Person Signing	sheet, attachments, and documents: heet) should be faxed to (703) 306-5995, or mailed to:

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MAILING CERTIFICATE ON REVERSE SIDE OF PAGI

PATENT

REEL: 015741 FRAME: 0182

ASSIGNMENT

WHEREAS, we, Satoshi Machida, Masahiro Yokomichi and Yukito Kawahara, residing at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan have invented new and useful improvements in IMAGE SENSOR

for which we 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 us in hand paid, the receipt of which is hereby acknowledged, we 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, our entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by us on March 12, 1999, filed January 26, 1999, Serial No. 09/237,230 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 us had this assignment, sale and transfer not been made.

> PATENT REEL: 015741 FRAME: 0183

AND, we hereby covenant and agree that we 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 we 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 $\frac{30 \text{th}}{}$ day of	of July, 2004, XX at
Witness:	_•
ikiko Kemabata Akiko Hamabata	<u>Satoshi Machida</u> (L.S.) Satoshi Machida
	Masahiro Yokomidii.s.)
	Masahiro Yokomichi Yukito Kawahara Yukito Kawahara
	(L.S.)

RECORDED: 08/31/2004