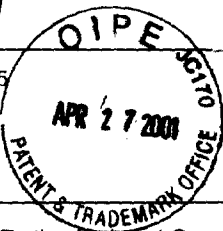


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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Satoshi MACHIDA; Yukito KAWAHARA; Masahiro YOKOMICHI;
Yoshikazu KOJIMA; Noritoshi ANDO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

Execution Date: April 16, 2001

2. Name and address of receiving party(ies):

SEIKO INSTRUMENTS INC.
8 Nakase 1-chome
Mihama-ku, Chiba-shi
Chiba, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 22, 1996

A. Patent Application No.(s) 08/618,919

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Michael Crapenhof, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00

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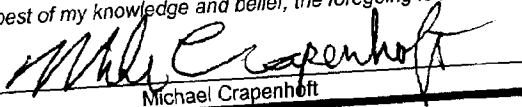
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.


Michael Crapenhof

Date: April 24, 2001

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Mail documents to be recorded with required cover sheet information to:

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ASSIGNMENT

Attorney Docket No. _____

(1-8) Insert Name(s) of Inventor(s)	(1) Satoshi Machida	(4) Yoshikazu Kojima
	(2) Yukito Kawahara	(5) Noritoshi Ando
	(3) Masahiro Yokomichi	(6)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee	(9) Seiko Instruments Inc.
(10) Insert state of incorporation of Assignee	(10) Japan
(11) Insert address of Assignee	(11) of 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba (hereinafter designated as the Assignee), its successors and assigns, the entire and exclusive worldwide right, title and interest in, any Letters Patent which may be granted and issued for, any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated with the invention known as
(12) Insert identification of invention, such as Title, Case Number or Foreign App. Number	Linear Image Sensor Device, IC Assembling Substrate and Method for Assembling the Same for which the undersigned has (have) executed an application for patent in the United States of America
(13) Insert Date of Signing of Declaration	(13) on May 22, 1996

- (1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- (2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- (3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.
- (4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- (5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.
- (6) The undersigned hereby grants STUART LUBITZ, Reg. No. 20,680; RICHARD H. ZAITLEN, Reg. No. 27,248; ALEX CHARTOVE, Reg. No. 31,942; DAVID M. SIMON, Reg. No. 32,756; JAY M. FINKELSTEIN, Reg. No. 21,082; ROGER R. WISE, Reg. No. 31,204; GARY D. MANN, Reg. No. 34,867; DON F. LIVORNESE, Reg. No. 32,040; WILLIAM K. KONRAD, Reg. No. 28,868; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; TED R. RITTMASER, Reg. No. 32,933; SAMUEL L. ALBERSTADT, Reg. No. 32,766; PAUL H. KOVELMAN, Reg. No. 35,228; PAUL G. NAGY, Reg. No. 37,896; JONATHAN Y. KANG, Reg. No. 38,199; DAVID L. LUBITZ, Reg. No. 38,229; MARGARET A. KIVINSKI, Reg. No. 38,517; WEINING YANG, Reg. No. 38,690; ALAN S. RAYNES, Reg. No. 39,809; DAVID W. VICTOR, Reg. No. 39,867; CHRIS P. PERQUE, Reg. No. 37,696; PHILIPPE O. ERWIN, Reg. No. 38,132; RANDALL C. FURLONG, Reg. No. 35,144; and JOSEPH F. VONSAUERS, Reg. No. 37,253 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 United States Patent & Trademark Office for recordation of this document.

Date:	Name of Inventor: <i>Satoshi Machida</i> (SEAL)
Date:	Name of Inventor: <i>Yukito Kawahara</i> (SEAL)
Date:	Name of Inventor: <i>Masahiro Yokomichi</i> (SEAL)
Date:	Name of Inventor: <i>Yoshikazu Kojima</i> (SEAL)
Date:	Name of Inventor: <i>Noritoshi Ando</i> (SEAL)
Date:	Name of Inventor: _____ (SEAL)

RECORDED: 04/27/2001

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