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TO: The Commissioner of Patents and			hed original docume	
Submission Type   New   Resubmission (Non-Recordation)   Document ID #   Correction of PTO Error   Reel #   Frame #   Corrective Document   Reel #   Frame #	3/07/01	Conveyance Assignm License Merger Security Change Other:	e Type ent Agreement	033 U.S. PTO
Conveying Party(ies) 1. Kohji SHINOMIYA 2. Yasuyuki ENDO 3. Shinsuke IGARASHI 4. 5. 6.			Execution Dat February 28, 20 February 28, 20 February 28, 20	DO1 DO1
Mark if Additional Names of Conve Receiving Party	ying Parties Attach	ed	·	
Name Mitsubishi Denki Kab   Name Address   Address 2-3, Marunouchi 2-ch   Address City   Mark if Additional Names of Receive   Correspondent Name and Address	nome, Chiyoda-ku <u>Japan</u> State/Co	untry	<u>100-8310</u> Zip Code	
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PATENT REEL: 011651 FRAME: 0569

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Name Name	SEIKO Precisio	on Inc.			
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Address	Chiba-ken City	Japan State/Cou	untry	275-8558 Zip Code	
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PATENT REEL: 011651 FRAME: 0570

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is acknowledged, the undersigned,

Kohji SHINOMIYA and Yasuyuki ENDO of

c/o Mitsubishi Denki Kabushiki Kaisha
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
Shinsuke IGARASHI of
c/o SEIKO Precision Inc.
1-1, Akanehama 1-chome, Narashino-shi, Chiba-ken, 275-8558 JAPAN

sells, assigns, and transfers to

Mitsubishi Denki Kabushiki Kaisha of

2-3, Marunouchi	2-chome,	Chiyada-ku,	<u>TOKYO 100-831</u>	O JAPAN	
SEIKO Precision	Inc. of				
1-1, Akanehama	1-chome.	Narashino-shi	, Chiba-ken,	275-8558	JAPAN

(the Assignee), its successors and assigns, the entire right, title, and interest in and to:

the application for United States Letters Patent entitled: (i) SOLID-STATE IMAGE PICKUP APPARATUS

which was executed by the undersigned on February 28 2001 or was filed on \_\_\_\_\_\_ and accorded S No. \_\_\_\_\_ (the Application); and accorded Serial

- any and all inventions and improvements that are described (ii) in the Application;
- any and all United States Letters Patents that may be. (iii) granted on the Application (the Patent);
- any and all divisions, continuations, reexaminations, reissues, or extensions of the Application or the Patent; (iv) and
- all benefits under the International Convention for the (V) Protection of Industrial Property.

I authorize the Assignee and its agents to insert in this instrument the filing date and serial number of the Application.

I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

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Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

INVENTOR

Date

Kohji Shinomiya Kohji SHINOMIYA	Feb.	28,	2001
Kohji SHÍNOMIYA			
Jasuyuki Enelo Yasuyuki ENDO	Feb.	28,	2001
Yasuyuki ENDO			
Shinsuke Igarashi	Feb.	28,	2001
Shinsuke IGARASHI			
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PATENT REEL: 011651 FRAME: 0572

**RECORDED: 03/07/2001**