

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masahiko Hayakawa	01/17/2006
Yu Kojima	12/16/2005
Yukari Ando	12/31/2005
Keisuke Miyagawa	01/14/2006
Jun Koyama	12/16/2005
Mitsuaki Osame	12/16/2005
Aya Anzai	12/16/2005
Shunpei Yamazaki	12/14/2005
Hajime Kimura	11/17/2005
Satoshi Seo	12/08/2005
Hiroko Abe	11/16/2005

RECEIVING PARTY DATA

Name:	Semiconductor Energy Laboratory Co., Ltd.
Street Address:	398, Hase
City:	Atsugi-shi, Kanagawa-ken
State/Country:	JAPAN
Postal Code:	243-0036

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11151702

CORRESPONDENCE DATA

Fax Number: (202)783-2331

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (202) 626-6416

Email: aks@fr.com

Correspondent Name: John F. Hayden

PATENT

500074228

REEL: 017078 FRAME: 0945

CH \$40.00 11151702

Address Line 1:	1425 K Street, N.W.
Address Line 2:	Suite 1100
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	12732-299001
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NAME OF SUBMITTER:	John F. Hayden
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ASSIGNMENT

For valuable consideration, We, Masahiko HAYAKAWA of Atsugi, Kanagawa, Japan, Yu KOJIMA of Atsugi, Kanagawa, Japan, Yukari ANDO of Tajimi, Gifu, Japan, Keisuke MIYAGAWA of Zama, Kanagawa, Japan, Jun KOYAMA of Sagami-hara, Kanagawa Japan, Mitsuaki OSAME of Atsugi, Kanagawa, Japan, Aya ANZAI of Tsukui, Kanagawa, Japan, Shunpei YAMAZAKI of Setagaya, Tokyo, Japan, Satoshi SEO of Kawasaki, Kanagawa, Japan, Hiroko ABE of Setagaya, Tokyo, Japan and Hajime KIMURA of Atsugi, Kanagawa Japan hereby assign to Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled DISPLAY DEVICE AND DRIVING METHOD OF THE SAME, AND ELECTRONIC APPARATUS filed June 14, 2005, and assigned U.S. Serial Number 11/151,702 and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Signature: Masahiko Hayakawa
Name: Masahiko HAYAKAWA
Date: 1/17/2006

Signature: Yu Kojima
Name: Yu KOJIMA
Date: 12/16/2005

Signature: Yukari Ando
Name: Yukari ANDO
Date: 12/31/2005

Signature: Keisuke MIYAGAWA
Name: Keisuke MIYAGAWA
Date: 1/14/2006

Signature: Jun Koyama
Name: Jun KOYAMA
Date: 12/16/2005

Signature: Mitsuaki Osame
Name: Mitsuaki OSAME
Date: 12/16/2005

Signature: Aya Anzei

Name: Aya ANZAI

Date: 12/16/2005

Signature: Shunpei Yamazaki

Name: Shunpei YAMAZAKI

Date: 12/14/2005

Signature: Hajime KIMURA

Name: Hajime KIMURA

Date: 11/17/2005

Signature: Satoshi Seo

Name: Satoshi SEO

Date: 12/08/2005

Signature: Hiroko Abe

Name: Hiroko ABE

Date: 11/16/2005