

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																								
NATURE OF CONVEYANCE:	ASSIGNMENT																								
CONVEYING PARTY DATA																									
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CORRESPONDENCE DATA																									
Fax Number:	5713137421																								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																									
Phone:	5713137440																								
Email:	mflorimonte@kbiplaw.com																								
Correspondent Name:	Keating & Bennett, LLP																								

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Address Line 1: 1800 Alexander Bell Drive
Address Line 2: Suite 200
Address Line 4: Reston, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	70404.879/YA
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NAME OF SUBMITTER:	Maura Florimonte
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Attorney Docket No.: 70404.879/ya

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Yoshifumi OTA, Hirohiko NISHIKI, Yoshimasa CHIKAMA, Takeshi HARA, Tetsuya AITA, Masahiko SUZUKI, Okifumi NAKAGAWA, Kazuo NAKAGAWA, Yuuji MIZUNO (deceased), Michiko TAKEI, and Yoshiyuki HARUMOTO (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **OXIDE SEMICONDUCTOR, THIN FILM TRANSISTOR, AND DISPLAY DEVICE** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
X filed on 02/22/12 as Serial No. 13/391,638 .

WHEREAS, **Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan** (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: OCT. - 4, 2012

Yoshifumi Ota
Yoshifumi OTA

Dated: OCT. - 4, 2012

Hirohiko Nishiki
Hirohiko NISHIKI

Dated: OCT. - 4, 2012

Yoshimasa Chikama
Yoshimasa CHIKAMA

Dated: OCT. - 4, 2012

Takeshi Hara
Takeshi HARA

Dated: OCT. - 4, 2012

Tetsuya Aita
Tetsuya AITA

Dated: OCT. - 4, 2012

Masahiko Suzuki
Masahiko SUZUKI

Dated: OCT. - 4, 2012

Okifumi Nakagawa
Okifumi NAKAGAWA

Dated: _____

Kazuo NAKAGAWA

Dated: _____

Hinae MIZUNO
Legal Representative of Yuuji MIZUNO

Dated: OCT. - 4, 2012

Michiko Takei
Michiko TAKEI

Dated: OCT. - 4, 2012

Yoshiyuki Harumoto
Yoshiyuki HARUMOTO

Dated: _____ Yoshifumi OTA

Dated: _____ Hirohiko NISHIKI

Dated: _____ Yoshimasa CHIKAMA

Dated: _____ Takeshi HARA

Dated: _____ Tetsuya AITA

Dated: _____ Masahiko SUZUKI

Dated: _____ Okifumi NAKAGAWA

Dated: OCT. - 4, 2012 *Kazuo Nakagawa*
Kazuo NAKAGAWA

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Dated: _____ Yoshiyuki HARUMOTO

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SP 802 US

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Dated: _____

Tetsuya AITA

Dated: _____

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Okifumi NAKAGAWA

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Kazuo NAKAGAWA

Dated: **OCT. - 4, 2012**

Hinae Mizuno
Hinae MIZUNO
Legal Representative of Yuuji MIZUNO

Dated: _____

Michiko TAKEI

Dated: _____

Yoshiyuki HARUMOTO