PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki KANDA	11/12/2012
Junichiro TSUJINO	11/12/2012
Junko MINE	11/12/2012
Makoto KUBOTA	11/12/2012
Tsutomu NAKADA	11/12/2012
Kenichiro ARAI	11/01/2012

RECEIVING PARTY DATA

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Street Address:	11-1, Haneda Asahi-cho, Ohta-ku
City:	Tokyo
State/Country:	JAPAN

Name:	Dainippon Screen Mfg. Co., Ltd.	
Street Address:	Tenjinkita-machi 1-1, Teranouchi-agaru 4-chome	
Internal Address:	Horikawa-dori, Kamigyo-ku, Kyoto-shi	
City:	Kyoto	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13677388

CORRESPONDENCE DATA

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PATENT

REEL: 029516 FRAME: 0555

Address Line 1: 607 14th Street, N. W. Address Line 2: Suite 800 Washington, DISTRICT OF COLUMBIA 20005 Address Line 4: ATTORNEY DOCKET NUMBER: 4055-0106US NAME OF SUBMITTER: Steven P. Weihrouch Total Attachments: 6 source=4055_0106ASN#page1.tif source=4055_0106ASN#page2.tif source=4055_0106ASN#page3.tif source=4055_0106ASN#page4.tif source=4055_0106ASN#page5.tif source=4055_0106ASN#page6.tif

> PATENT REEL: 029516 FRAME: 0556

ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION

BE IT KNOWN THAT, for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S)) by

Name: EBARA CORPORATION

Address: 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan

and

Name: Dainippon Screen Mfg. Co., Ltd.

Address: Tenjinkita-machi 1-1, Teranouchi-agaru 4-chome, Horikawa-dori,

Kamigyo-ku, Kyoto-shi, Kyoto Japan

(hereinafter ASSIGNEE),

the receipt and adequacy of which is hereby acknowledged, ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE

all of his/her right, title and interest in, to and under the invention and application entitled (INSERT TITLE HERE):

ELECTROLESS PLATING APPARATUS AND ELECTROLESS PLATING METHOD

for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows

U.S. Serial No. or PCT Appln. No.: 13/677,388

Filing Date: November 15, 2012

(Rothwell, Figg, Ernst & Manbeck is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained on said application or on any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

Page 1 of 2

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: Alipopula Kanda	Nov.12,2012 Date:
Туреd Name: Hiroyuki КАЙДА	
Signature:	Date:
Typed Name:	
Signature:	Date:
Typed Name:	
·	
Signature:	Date;
Typed Name:	
Signature:	Date:
Typed Name:	1 - 4507

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Page 2 of 2

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Page 1 of 2

Attorney Docket No. 4055-0106

Rothwell, Figg, Ernst & Manbeck, P.C.

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Filing Date: November 15, 2012

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PATENT REEL: 029516 FRAME: 0561

Attorney Docket No. 4055-0106

Rothwell, Flgg, Ernst & Manbeck, P.C.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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IN WITNESS WHEREOF, ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: Kenichin Andi	Date: Nov. 1, 20/2
Typed Name: Kenichiro ARAI	
Signature:	Date:
Typed Name:	
Signature:	Date:
Typed Name:	
Signature:	Date:
Typed Name:	
Signature:	Date:
Typed Name:	

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PATENT REEL: 029516 FRAME: 0562

RECORDED: 12/21/2012