503328304 05/29/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3374922

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		SECURITY INTEREST		
CONVEYING PARTY D	ATA			
		Name	Execution Date	
ECS REFINING, LLC			05/22/2015	
RECEIVING PARTY DA	ТА			
Name:	BANK OF	OF AMERICA, N.A., AS ADMINISTRATIVE AGENT		
Street Address:	530 LYTT	YTTON AVENUE		
City:	PALO ALT	PALO ALTO		
State/Country:	CALIFORI	CALIFORNIA		
Postal Code:	94301			
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PROPERTY NUMBERS Property Type		Number		
Patent Number:	86	68540		
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PATENT SECURITY AGREEMENT

This Patent Security Agreement (this "Agreement"), dated as of May 22, 2015, is entered into by and between ECS REFINING, LLC, a Delaware limited liability company ("Debtor"), having an office at 705 Reed Street, Santa Clara, California 95050, and BANK OF AMERICA, N.A., a national banking association, as administrative agent (in such capacity, together with its successors and permitted assigns, the "Administrative Agent"), having an office at 530 Lytton Avenue, Palo Alto, California 94301, with reference to the facts set forth below.

Recitals

A. Debtor is the owner of the entire right, title and interest in and to the patents and applications therefor described in <u>Schedule A</u> annexed hereto and made a part hereof.

B. Pursuant to (i) a Credit Agreement dated as of February 6, 2012 (as amended, restated, extended, supplemented or otherwise modified from time to time, the "*Credit Agreement*") among Debtor, the lenders referred to therein (the "*Lenders*") and the Administrative Agent and (ii) a Security Agreement dated as of February 6, 2012 (as amended, restated, extended, supplemented or otherwise modified from time to time, the "*Security Agreement*") made by Debtor and the other grantors identified therein in favor of the Administrative Agreement, the Lenders have entered into financing arrangements with Debtor. The Credit Agreement and the Security Agreement, together with this Agreement and all other related documents, agreements, instruments and notes, as the same may now exist or may hereafter be amended or otherwise modified, are referred to herein as the "*Loan Documents*."

C. Debtor and the Administrative Agent desire to enter into this Agreement by which Debtor will secure the payment and performance of its obligations to the Secured Parties (as defined in the Credit Agreement) under the Credit Agreement and the other Loan Documents by granting the Administrative Agent, for the benefit of the Secured Parties, a security interest in the Collateral described below. Accordingly, the parties hereby agree as set forth below.

1. <u>SECURITY INTEREST</u>

Debtor hereby grants to the Administrative Agent, for the benefit of the Secured Parties, a security interest in all of Debtor's now existing or hereafter acquired right, title and interest in and to the following (the "*Collateral*"): (a) all patents, whether foreign or domestic, applications, registrations, and recordings for any such patents in the United States Patent and Trademark Office (the "*USPTO*") or in any similar office or agency of the United States of America or any political subdivision thereof, or in any other countries, and all reissues, extensions and renewals thereof, including without limitation those patents, applications, registrations, and recordings described in <u>Schedule A</u> attached hereto and made a part hereof (the "*Patents*"); and (b) any and all proceeds of any of the foregoing, including without limitation any claims by Debtor against third parties for infringement of any of the Patents.

2. <u>OBLIGATIONS SECURED</u>

The security interest granted to the Administrative Agent, for the benefit of the Secured Parties, by this Agreement secures the prompt and indefeasible payment and performance of the Obligations (as defined in the Credit Agreement) and is in conjunction with the security interest granted to the Administrative Agent pursuant to the Security Agreement. Debtor hereby acknowledges and affirms that the rights and remedies of each Secured Party with respect to its security interest in the Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

3. <u>PURPOSE</u>

This Agreement has been executed and delivered by Debtor for the purpose of registering with the USPTO the grant of a security interest in the Collateral. The security interest granted hereby has been granted pursuant to Section 2 (Further Assurances) of the Security Agreement, as a supplement and ancillary to, and not in limitation of, the security interest granted to the Administrative Agent under the Security Agreement with respect to the Collateral. The Security Agreement (and all rights and remedies of the Secured Parties thereunder) shall remain in full force and effect in accordance with its respective terms. In the event of any conflict between this Agreement and the other Loan Documents, the other Loan Documents shall prevail.

4. <u>POWER OF ATTORNEY</u>

Debtor will, concurrently with the execution and delivery of this Agreement, execute and deliver to the Administrative Agent two (2) originals of a Power of Attorney in the form of Exhibit 1 annexed hereto, for the implementation of the assignment, sale or other disposition of the Collateral pursuant to the Administrative Agent's exercise of the rights and remedies granted to the Administrative Agent hereunder and under the Security Agreement. The Administrative Agent agrees that it will not exercise the Power of Attorney unless an Event of Default under (and as defined in) the Credit Agreement occurs and is continuing.

5. <u>MISCELLANEOUS</u>

(a) No failure or delay by the Administrative Agent to require strict performance by Debtor of any of the terms, conditions, warranties and other provisions contained herein or in any other Loan Document shall affect the Administrative Agent's right to demand strict compliance therewith and performance thereof, and no waiver of any Event of Default shall waive or affect any other Event of Default, whether prior or subsequent thereto and whether of the same or of a different type. None of the terms, conditions, warranties or other provisions contained herein or in any other Loan Document shall be deemed to have been waived by any act or knowledge of the Administrative Agent, its agents, officers or employees but only by an instrument in writing, signed by an officer of the Administrative Agent and directed to Debtor, specifying such waiver.

(b) All notices, requests and demands to or upon the respective parties hereto shall be deemed to have been duly given or made (i) if by hand, immediately upon delivery, (ii) if by facsimile, immediately upon sending, (iii) if by an overnight delivery service, one day after dispatch, and (iv) if mailed by first-class or certified mail, three (3) days after mailing. All notice, requests and demands are to be given or made to the respective parties at the following addresses (or to such other addresses as either party may designate by notice in accordance with the provisions of this paragraph):

If to Debtor:	ECS Refining, LLC. 705 Reed Street Santa Clara, CA 95050-3980 Attention: James and Kenneth Taggart
If to Administrative: Agent:	Bank of America, N.A. 800 5th Avenue WA1-501-17-09 Seattle, WA 98104-3176 Attention: Carol M. Clements

(c) In the event that any provision of this Agreement shall be deemed to be invalid by any court, such invalidity shall not affect the remainder of this Agreement.

(d) This Agreement shall be binding upon and for the benefit of the parties hereto and their respective legal representatives, successors and assigns. No provision hereof may be modified, altered or limited except by a written instrument expressly referring to this Agreement and signed by the party to be charged thereby.

(e) The security interest granted hereunder to the Administrative Agent, for the benefit of the Secured Parties, shall terminate upon the termination of the Credit Agreement and the other Loan Documents and the indefeasible payment in full of all Obligations thereunder.

(f) This Agreement may be executed in counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same original.

[Signature page follows.]

IN WITNESS WHEREOF, Debtor and the Administrative Agent have executed this Agreement as of the day and year first written above.

ECS REFINING, LLC

hame By: Kenneth Taggart

Executive Vice President and Secretary

BANK OF AMERICA, N.A., as Administrative Agent

By: __

Carol M. Clements Senior Vice President

Patent Security Agreement

IN WITNESS WHEREOF, Debtor and the Administrative Agent have executed this Agreement as of the day and year first written above.

ECS REFINING, LLC

Kenneth Taggart By:

Executive Vice President and Secretary

BANK OF AMERICA, N.A., as Administrative Agent

N By:

Carol M. Clements Senior Vice President

Patent Security Agreement

SCHEDULE A

PATENTS

Owner	Patent	Reg. No. / Serial No.	Reg. Date / File Date
ECS Refining, LLC	method and apparatus for separating the glass panel from a cathode ray tube	8,668,540	March 11, 2014

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SPECIAL POWER OF ATTORNEY

STATE OF CALIFORNIA

ss.:

)

COUNTY OF SANTA CLARA

KNOW ALL MEN BY THESE PRESENTS, that ECS REFINING, LLC, a Delaware limited liability company ("*Debtor*"), hereby appoints and constitutes BANK OF AMERICA, N.A., a national banking association, in its capacity as administrative agent (in such capacity, together with its successors and permitted assigns, the "*Administrative Agent*"), and each officer thereof, Debtor's true and lawful attorney, with full power of substitution and with full power and authority to perform the following acts on behalf of Debtor:

1. Execution and delivery of any and all agreements, documents, instruments of assignment or other papers that the Administrative Agent, in its sole discretion, deems necessary or advisable for the purpose of assigning, selling or otherwise disposing of all right, title and interest of Debtor in and to any patents and all registrations, recordings, reissues, extensions and renewals thereof or for the purpose of recording, registering or filing, or accomplishing any other formality with respect to, the foregoing; and

2. Execution and delivery of any and all documents, statements, certificates or other papers that the Administrative Agent, in its sole discretion, deems necessary or advisable to further the purposes described in paragraph 1 hereof.

May This Power of Attorney is made pursuant to a Patent Security Agreement dated as of April 22, 2015 (the "Security Agreement") by and between Debtor and the Administrative Agent and may not be revoked until indefeasible payment in full of all of Debtor's "Obligations," as such term is defined in the Security Agreement. The Administrative Agent agrees that it will exercise its rights with respect to this Special Power of Attorney only after the occurrence and during the continuation of an Event of Default (as defined in the Credit Agreement referred to in the Security Agreement).

[Signature page follows.]

1/h BT

ECS REFINING, LLC

By Mame: <u>Kennetti R. TAbbA</u>AT Title: <u>Executive Vice Resident</u>

Special Power of Attorney

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

15 before me, Panesh Amicawala

name and title of the officer), personally appeared herical property in the person(s) whose name(s) is areproved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is aresubscribed to the within instrument and acknowledged to me that he/she/they executed the samein his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrumentthe person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal. PARESH AFRICAWALA Commission # 2004499 Notary Public - California Santa Clara County Signature My Comm. Expires Feb 15, 2017 ypes dur - Special power gattonay From Ecsterining UL To Banks America

RECORDED: 05/29/2015