

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mr. Ezekiel Kruglick	07/20/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Empire Technology Development, LLC
<b>Street Address:</b>	2711 Centerville Road
<b>Internal Address:</b>	Suite 400
<b>City:</b>	Wilmington
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19808
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12511457
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)903-8820
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<b>Correspondent Name:</b>	Dorsey & Whitney LLP
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<b>Address Line 4:</b>	Seattle, WASHINGTON 98104-7043
<b>NAME OF SUBMITTER:</b>	Jennifer M. Lane
<b>Total Attachments: 3</b> source=P190967US01_Assignment#page1.tif source=P190967US01_Assignment#page2.tif source=P190967US01_Assignment#page3.tif	

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**PATENT**  
**REEL: 026004 FRAME: 0189**

## ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Ezekiel Kruglick ("Assignor") hereby sells, assigns, and transfers to Empire Technology Development, LLC, having offices at 2711 Centerville Road, Suite 400, Wilmington, Delaware 19808 ("Assignee"), the full extent of his right, title, and interest in and without limitation to any and all of the following (collectively, the "Rights"):

1. U.S. Patent Application Serial No. 12/511,457 filed on July 29, 2009, entitled SELF-ASSEMBLED NANO-LITHOGRAPHIC IMPRINT MASKS ("the Application");
2. All inventions claimed or described in the Application (collectively, "the Inventions");
3. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application ("Potential Patents");
4. All reissues, reexaminations, extensions, or registrations of the Potential Patents;
5. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Application, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
6. The right to claim priority rights deriving from the Application;
7. All causes of action and remedies related to any or all of the Application, the Inventions, and Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. Any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Inventions, Potential Patents, or Foreign Rights.

Assignor will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest herein.

Assignor hereby authorizes and requests legal representative Dorsey & Whitney LLP to insert on this Assignment the filing date and Application Number of the Application when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, his successors, legal representatives and assigns.



Ezekiel Kruglick

on this 20 day of July, 2009

NOTARIZATION

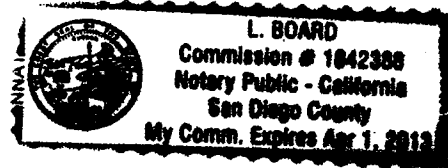
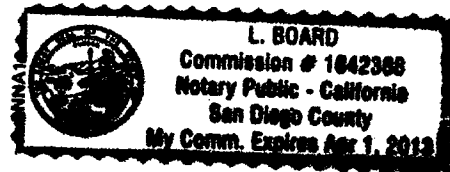
STATE OF California )  
 ) ss.  
COUNTY OF San Diego )

On July 20, 2009, before me, L. Board, Notary Public in and for said State, personally appeared Ezekiel Kruglick, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature(s) on the instrument the 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.

Signature:



(This area for the official notarial seal)