

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
Rave N.P., Inc.	09/01/2011
RECEIVING PARTY DATA	
Name:	Bridge Bank, National Association
Street Address:	55 Almaden Boulevard, Suite 100
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95113
PROPERTY NUMBERS Total: 19	
Property Type	Number
Patent Number:	5561527
Patent Number:	5611491
Patent Number:	5766368
Patent Number:	5804826
Patent Number:	5836809
Patent Number:	5837064
Patent Number:	5853962
Patent Number:	5989355
Patent Number:	6066032
Patent Number:	6099396
Patent Number:	6146466
Patent Number:	6173916
Patent Number:	6276169
Patent Number:	6405560
Patent Number:	6500758

Patent Number:	6852173
Patent Number:	6949145
Patent Number:	7056391
Patent Number:	7564625

# CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Troy Zander
Signature:	/s/ Troy Zander
Date:	05/01/2013

# Total Attachments: 6

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of September 1, 2011 (the "Agreement") between BRIDGE BANK, NATIONAL ASSOCIATION ("Lender") and RAVE N.P., INC., ("Grantor") is made with reference to the Business Financing Agreement, dated as of September 1, 2011 (as amended from time to time, the "Financing Agreement"), by and among Lender, Grantor and RAVE, LLC. Terms defined in the Financing Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Financing Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Financing Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Financing

Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

**GRANTOR:**

RAVE, N.P., INC.

By: Barry Hopkins  
Name: BARRY HOPKINS  
Title: PRESIDENT & CEO

Address for Notices:

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Livermore, CA 94551  
Fax:

**LENDER:**

BRIDGE BANK, NATIONAL ASSOCIATION

By: Jeffrey Javier  
Name: JEFFREY JAVIER  
Title: SVP

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San Jose, California 95113  
Tel: (408) 556-6501  
Fax: (408) 282-1681

EXHIBIT A  
COPYRIGHTS

Please Check if No Copyrights Exist ☐

<u>Type of Work:</u>	<u>Title:</u>	<u>International Standard Serial Number (ISSN):</u>	<u>Registration Number:</u>	<u>Filing Date:</u>	<u>Pre - registered?</u>
	Maskclean 150 Software		V3593D618	8/26/10	
	Waferclean 1600 Software		TX5-954-215	8/26/10	
	Waferclean 1600 Software		TX5-903-905	8/26/10	

Exhibit B  
TRADEMARKS

Please Check if No Trademarks Exist ☐

<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>U.S. Registration Number:</u>	<u>USPTO Reference Number:</u>	<u>Filing Date:</u>
NANOSNOW	77741222	3786068		5/20/09
SNOWSTRIP	77741212	3923748		5/20/09
ECO-SNOW	75751354	2429388		7/14/99
WAFERCLEAN	75751353	2436017		7/14/99
WAFERCLEAN	77271136	3434792		9/4/07
VersaClean	77076999	3316127		1/5/07
MaskClean	77076955	3316126		1/5/07
PrecisionClean	78479254	3070328		9/7/04
PrecisionClean	77102573	3316697		2/8/07

## EXHIBIT C

## PATENTS

Please Check if No Patents Exist ☐

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
System for precision cleaning by jet spray	5315793	08033906	Issued	05/31/94
Environment control apparatus	5316560	07769894	Issued	05/31/94
Method for cleaning surface by heating and a stream of snow	5354384	08056684	Issued	10/11/94
Electrostatic discharge control during jet spray	5409418	07952126	Issued	04/25/95
Optical sensing apparatus for CO2 jet spray devices	5561527	08403039	Issued	10/01/96
Modular CO2 jet spray device	5611491	08395124	Issued	03/18/97
Integrated circuit chip module cleaning using a carbon dioxide jet spray	5766368	08813267	Issued	06/16/98
Carbon dioxide liquid and gas sensor apparatus for use with jet spray cleaning systems	5804826	08850873	Issued	09/08/98
Carbon dioxide jet spray disk cleaning system	5806544	08799679	Issued	09/15/98
Apparatus and method for cleaning large glass plates using linear arrays of carbon dioxide (CO2) jet spray nozzles	5836809	08727809	Issued	11/17/98
Electrostatic discharge protection of static sensitive devices cleaned with carbon dioxide spray	5837064	08821960	Issued	11/17/98
Photoresist and redeposition removal using carbon dioxide jet spray	5853962	08814792	Issued	12/29/98
Apparatus for cleaning and testing precision components of hard drives and the like	5989355	08805510	Issued	11/23/99
Wafer cleaning using a laser and carbon dioxide snow	6066032	08850874	Issued	05/23/00
Carbon dioxide jet spray pallet cleaning system	6099396	08818522	Issued	08/08/00
Use of electrostatic bias to clean non-electrostatically sensitive components with a carbon dioxide spray	6146466	08816954	Issued	11/14/00
CO2 jet spray nozzles with multiple orifices	6173916	09157094	Issued	01/16/01
Apparatus and method for analysis of impurities in liquid carbon dioxide	6276169	09411396	Issued	08/21/01
Apparatus for analysis of impurities in liquid carbon dioxide	6405560	09886098	Issued	06/18/02

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Method for selective metal film layer removal using carbon dioxide jet spray	6500758	09660354	Issued	12/31/02
Liquid-assisted cryogenic cleaning	6852173	10324221	Issued	02/08/05
Vapor-assisted cryogenic cleaning	6949145	10403147	Issued	09/27/05
Liquid-assisted cryogenic cleaning	7056391	10886251	Issued	06/06/06
System for cleaning a surface using cryogenic aerosol and fluid reactant	N/A	11793647	Published	01/12/09
CO2 system for polymer film cleaning	N/A	12261157	Published	10/30/08
CO2 nozzles	N/A	12556643	Published	09/10/09
Integrated Substrate Cleaning System and Method	N/A	13284078	Published	10/28/11
Method of improving x-ray lithography in the sub 100nm range to create high quality semiconductor devices	6295332	09332206	Issued	9/25/01
Method of improving x-ray lithography in the sub 100nm range to create high quality semiconductor devices	6845145	09876443	Issued	1/18/05
Vertical stepper stage apparatus	D451937	29105130	Issued	12/11/01
Contamination removal apparatus and method	N/A	61649012	N/A	5/18/12
System and method for scanning boom microscope	7564625	11336390	Issued	7/21/09