

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
MARUBENI AMERICA CORPORATION	07/16/2009
RECEIVING PARTY DATA	
Name:	TECHNOLOGIES AND DEVICES INTERNATIONAL, INC.
Street Address:	12214 Plum Orchard Drive
City:	Silver Spring
State/Country:	MARYLAND
Postal Code:	20877
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	6562124
Patent Number:	6579359
Patent Number:	6573164
Patent Number:	6656272
Patent Number:	6660083
Patent Number:	7501023
CORRESPONDENCE DATA	
Fax Number:	(949)625-8955
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	VISTA IP LAW GROUP LLP
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Address Line 4:	Irvine, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	TDI MARUBENI AGREEMENT

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**PATENT
REEL: 023273 FRAME: 0816**

NAME OF SUBMITTER:

Gary D. Lueck

Total Attachments: 3

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RELEASE OF SECURITY INTERESTS AND LIENS

Whereas, Marubeni America Corporation, a New York corporation, having an address at 375 Lexington Avenue, New York, New York ("Marubeni") and Technologies and Devices International, Inc. ("TDI"), having an address at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, and a prior address at 8660 Dakota Drive, Gaithersburg, Maryland 20877 ("TDI"), entered into a Loan Agreement on January 13, 2006, pursuant to which Marubeni made certain loan advances to TDI, and in consideration therefor, TDI granted to Marubeni certain security interests and liens in and to certain intellectual property owned by TDI (identified in attached Appendix) according to a Security Agreement executed on January 13, 2006 and a Patent Security Agreement executed on January 24, 2006, certain pages of one or more of which were recorded with the United States Patent and Trademark Office on February 6, 2006 at Reel 017115 / Frame 0941, and in acknowledgement of the repayment of said loan advances in full to Marubeni, Marubeni hereby fully releases any and all security interests and any and all liens in and to all intellectual property identified in said Appendix (including any and all reissues, divisions, continuations, extensions and renewals thereof) and all other intellectual property, if any, to which Marubeni was granted a security interest under said Security Agreement and said Patent Security Agreement and that was not listed in said Appendix.

Dated: 7/16, 2009

MARUBENI AMERICA CORPORATION

By: [Signature]
Name: Shiro Hashimoto
Title: Vice President & General Manager
Metals and Mineral Resources Unit

United States of America
State of New York
County of New York) ss:

On July 16, 2009 before me, David M. Appel, personally appeared Shiro Hashimoto, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity on behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]
Notary Public in and for said County and State

DAVID M. APPEL
Notary Public, State of New York
No. 02AP6006346
Qualified in Suffolk County
Commission Expires May 4, 2010

My Commission Expires 5/4/10

Dated: 09/21, 2009

TECHNOLOGIES AND DEVICES INT'L INC.

By: [Signature]
Name: Bernard Scanlan
Title: General Manager

United States of America
State of MARYLAND
County of Baltimore) ss:

On Sept 21, 2009 before me, Eva Barrett, personally appeared Bernard Scanlan, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity on behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]
Notary Public in and for said County and State

EVA BARRETT
NOTARY PUBLIC
CHESAPEAKE
PRINCE GEORGES COUNTY
MARYLAND
MY COMMISSION EXPIRES MARCH 30, 2013

My Commission Expires March 30, 2013

APPENDIX

US Patent Number	Title	Inventors	Issue Date
6,562,124	Method of Manufacturing GaN Ingots	Ivantsov, Sukhoveev, Dmitriev	May 13, 2003
6,579,359	Method of Crystal Growth and Resulted Structures	Mynbaeva, Tsvetkov, Dmitriev, Lebedev, Savkina, Syrkin, Sadow, Mynbaev	June 17, 2003
6,573,164	Method of Epitaxially Growing Device Structures With Sharp Layer Interfaces Utilizing HVPE	Tsvetkov, Nikolaev, Dmitriev	June 3, 2003
6,656,272	Method of Epitaxially Growing Submicron Group III Nitride Layers Utilizing HVPE	Tsvetkov, Nikolaev, Dmitriev	December 2, 2003
6,660,083	Method of Epitaxially Growing Device Structures With Submicron Group III Nitride Layers Utilizing HVPE	Tsvetkov, Nikolaev, Dmitriev	December 9, 2003

Patent Application Number	Title	Inventors	Filing Date
JP 2005-36894	Method and Apparatus for Fabricating Crack-Free Group III Nitride Semiconductor Materials	Dmitriev, Melnik	February 14, 2005
US 10/778,633	Method and Apparatus for Fabricating Crack-Free Group III Nitride Semiconductor Materials	Dmitriev, Melnik	February 13, 2004
JP 2002-578542	Method and Apparatus for Growing Submicron Group III Nitride Structures Utilizing HVPE Techniques	Tsvetkov, Dmitriev, Nikolaev	March 28, 2002
EP 02721646.4	Method and Apparatus for Growing Submicron Group III Nitride Structures Utilizing HVPE Techniques	Tsvetkov, Dmitriev, Nikolaev	March 28, 2002

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