

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Technologies and Devices International Inc.	05/26/2006
RECEIVING PARTY DATA	
Name:	Freiberger Compound Materials GmbH
Street Address:	Am Junger Lowe Schacht 5
City:	Freiberg/ Sachsen
State/Country:	GERMANY
Postal Code:	D-09599
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	6576054
Patent Number:	6613143
Patent Number:	6936357
Patent Number:	6616757
Patent Number:	6656285
Application Number:	11083609
Application Number:	11134200
Application Number:	11114414
CORRESPONDENCE DATA	
Fax Number:	(703)892-4510
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(703) 486 1150
Email:	ellenb@eitangroup.com
Correspondent Name:	Eitan Law Group, C/O Landon IP Inc.
Address Line 1:	1700 Diagonal Street, Suite 450
Address Line 4:	Alexandria, VIRGINIA 22314

CH \$320.00 6576054

ATTORNEY DOCKET NUMBER:

102820-38-00

NAME OF SUBMITTER:

Ellen Boermeester

Total Attachments: 16

source=Assignments-TDI to FCM-MAY06#page1.tif
source=Assignments-TDI to FCM-MAY06#page2.tif
source=Assignments-TDI to FCM-MAY06#page3.tif
source=Assignments-TDI to FCM-MAY06#page4.tif
source=Assignments-TDI to FCM-MAY06#page5.tif
source=Assignments-TDI to FCM-MAY06#page6.tif
source=Assignments-TDI to FCM-MAY06#page7.tif
source=Assignments-TDI to FCM-MAY06#page8.tif
source=Assignments-TDI to FCM-MAY06#page9.tif
source=Assignments-TDI to FCM-MAY06#page10.tif
source=Assignments-TDI to FCM-MAY06#page11.tif
source=Assignments-TDI to FCM-MAY06#page12.tif
source=Assignments-TDI to FCM-MAY06#page13.tif
source=Assignments-TDI to FCM-MAY06#page14.tif
source=Assignments-TDI to FCM-MAY06#page15.tif
source=Assignments-TDI to FCM-MAY06#page16.tif

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in United States Patent No. 6,576,054 issued June 10, 2003 and is entitled

Method for Fabricating Bulk AlGaN Single Crystals

and in and to said patent and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

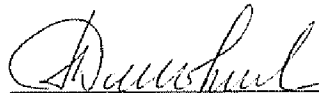
Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name]

[Signature]



[Name]

V. Brindley

[Position]

President

Witness:



[Signature]

Jonathan Seals

[Name]

Vancouver, Washington USA

[Address]

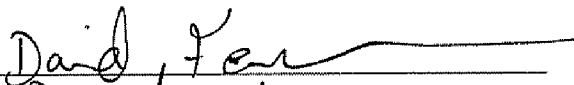
26 May 2006

[Date]

[day / month / year]

Executed by: [Assignee's name]

[Signature]



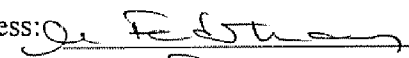
[Name]

David Federman

[Position]

Business Dev.

Witness:



[Signature]

Michael Federman

[Name]

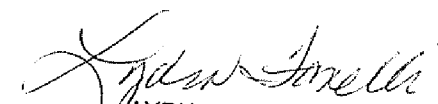
100 Penn Island

[Address]

26. 05. 2006

[Date]

[day / month / year]



LYDIA FANELLI
Notary Public, State of New York
No. 01FA6094377
Qualified in New York County
Commission Expires, March 28, 2007

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in United States Patent No. 6,613,143 issued September 2, 2003 and is entitled

Method for fabricating Bulk GaN Single Crystals

and in and to said patent and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

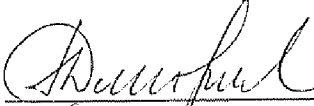
Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

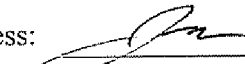
Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;

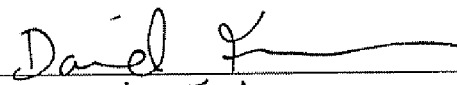
PATENT D.F. 10


REEL: 017746 FRAME: 0874


COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name] [Signature] 
[Name] V. Dmitriev
[Position] President

Witness:  [Signature]
Jonathan Sachs [Name]
Vancouver, Washington USA [Address]
26 May 2006 [Date]
[day / month / year]

Executed by: [Assignee's name] [Signature] 
[Name] David Federmann
[Position] Business Dev.

Witness:  [Signature]
Michael Federmann [Name]
Tel Aviv LSRAEC [Address]
26. 05. 2006 [Date]
[day / month / year]


LYDIA FANELLI
Notary Public, State of New York
No. 01FA6094377
Qualified in New York County
Commission Expires, March 28, 2007

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in United States Patent No. 6,936,357 issued August 30, 2005 and is entitled

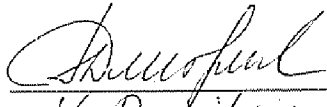
Bulk GaN and ALGaN Single Crystals


and in and to said patent and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

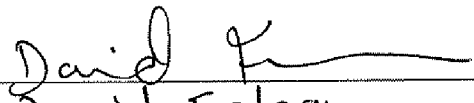
Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

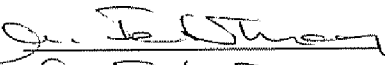
Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;


COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name] [Signature] 
[Name] V. Dmitriev
[Position] President

Witness:  [Signature]
Sorahia Suelis [Name]
Vancouver, Washington USA [Address]
26 May 2006 [Date]
[day / month / year]

Executed by: [Assignee's name] [Signature] 
[Name] David Federmann
[Position] Business Dev.

Witness:  [Signature]
Michael Federmann [Name]
Tel Aviv ISRAEL [Address]
26. 05. 2006 [Date]
[day / month / year]


LYDIA FANELLI
Notary Public, State of New York
No. 01FA6094377
Qualified in New York County
Commission Expires, March 28, 2007

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in United States Patent No. 6,616,757 issued September 9, 2003 and is entitled

Method for Achieving Low Defect Density GaN Single Crystal Boules

and in and to said patent and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;

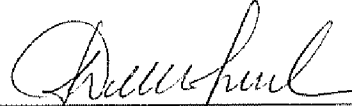
WD
PATENT D.F

REEL: 017746 FRAME: 0878

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name]

[Signature]



[Name]

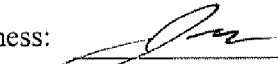
V. Dombrov

[Position]

President

Witness:

[Signature]



[Name]

Sonali Sub

[Address]

Vancouver, Washington USA

[Date]

26 May 2006

[day / month / year]

Executed by: [Assignee's name]

[Signature]



[Name]

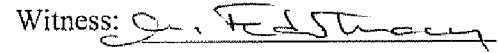
David Federmann

[Position]

Business Dev.

Witness:

[Signature]



[Name]

Michel Federmann

[Address]

Tel Aviv ISRAEL

[Date]

26 05. 2006

[day / month / year]



LYDIA FANELLI

Notary Public, State of New York

No. 01FA6094377

Qualified in New York County

Commission Expires, March 28, 2007

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in United States Patent No. 6,656,285 issued December 2, 2003 and is entitled


Reactor for Extended Duration Growth of Gallium Containing Single Crystals

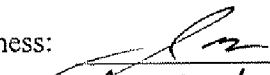
and in and to said patent and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

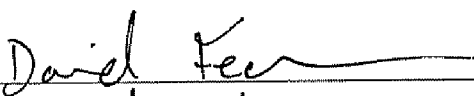
Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

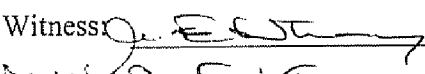
Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;


COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name] [Signature] 
[Name] V. Drotman
[Position] President

Witness:  [Signature]
30th St Suite [Name]
Vancouver, WA 98661 [Address]
26 May 2006 [Date]
[day / month / year]

Executed by: [Assignee's name] [Signature] 
[Name] David Federmann
[Position] Business Dev

Witness:  [Signature]
Michael Federmann [Name]
122 Ave LEASE [Address]
26.05.2006 [Date]
[day / month / year]


LYDIA FANELLI
Notary Public, State of New York
No. 01FA6094377
Qualified in New York County
Commission Expires, March 28, 2007

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 11/083,609 filed March 18, 2005 and is entitled

Bulk GaN and ALGaN Single Crystals

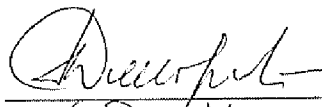
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

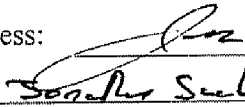
Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

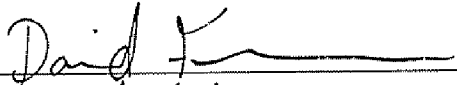
Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for

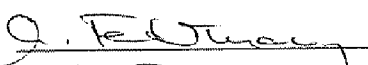
patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;

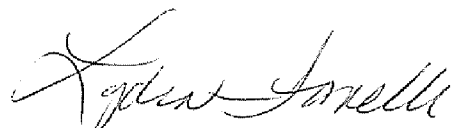
COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name] [Signature] 
[Name] V. Dimitrov
[Position] President

Witness:  [Signature]
Sonja Suebs [Name]
Vancouver, Washington USA [Address]
26 May 2006 [Date]
[day / month / year]

Executed by: [Assignee's name] [Signature] 
[Name] David Federmann
[Position] Business Dev.

Witness:  [Signature]
Michael Federmann [Name]
TEL AVIV ISRAEL [Address]
26.05.2006 [Date]
[day / month / year]


LYDIA FANELLI
Notary Public, State of New York
No. 01FA6094377
Qualified in New York County
Commission Expires, March 28, 2007

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 11/134,200 filed May 20, 2005 and is entitled

Method for Achieving Low Defect Density AlGaIn Single Crystal Boules

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider

(W)

desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name]

[Signature]



[Name]

V. Drobviev

[Position]

President

Witness:

[Signature]



[Name]

Unconver, Washington USA

[Address]

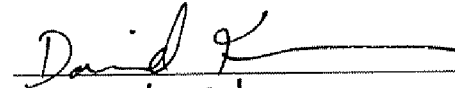
26 May 2006

[Date]

[day / month / year]

Executed by: [Assignee's name]

[Signature]



[Name]

David Federmann

[Position]

Business Dev.

Witness:

[Signature]



[Name]

Tel Aviv ISRAEL

[Address]

26.05.2006

[Date]

[day / month / year]



LYDIA FANELLI

Notary Public, State of New York

No. 01FA6094377

Qualified in New York County

Commission Expires, March 28, 2007

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, we the undersigned, Technologies and Devices International, Inc., a Maryland Corporation, located at 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, USA:

Hereby sell, assign and transfer to Freiburger Compound Materials GmbH, located at Am Junger Löwe Schacht 5, D-09599 Freiberg/Sachsen, Germany its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 11/114,414 filed April 26, 2005 and is entitled

Bulk GaN and ALGaN Single Crystals

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for

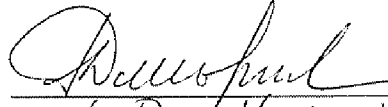


patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by: [Assignor's name]

[Signature]



[Name]

V. Dubitviev

[Position]

President

Witness:

[Signature]



[Name]

Sorolla Sule

[Address]

Unimover, Washington USA

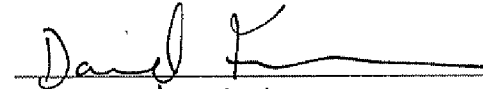
[Date]

26 May 2006

[day / month / year]

Executed by: [Assignee's name]

[Signature]



[Name]

David Federmann

[Position]

Business Dev.

Witness:

[Signature]



[Name]

Michael Federmann


[Address]

Tel Aviv ISRAEL

[Date]

26. 05. 2006

[day / month / year]



LYDIA FANELLI

Notary Public, State of New York

No. 01FA6094377

Qualified in New York County

Commission Expires, March 28, 2007