Atty. Docket No. 23600-7007

102148604

PATENT

FORM PTO-1595 RECORDATION FO	RM COVER SHEET U.S. Department of Commerce				
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	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:				
Name and address of conveying party(ies):	Name and address of receiving party(ies):				
Name: Denis V. Tsvetkov, Andrey E. Nikolaev and Vladimir A. Dmitriev	Address: 8660 Dakota Drive Gaithersburg, MD 20877				
[X] Individualx [] Association [] General Partnership [] Limited Partnership [] Corporation [] Other: Additional name(s) of conveying party(ies) attached?	Additional name(s) of receiving party(ies) attached?				
[] Yes [X] No					
3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name Execution Date: June 16, 2002, June 17, 2002, June 18, 2002	[] Other:				
[V] Vin					
If this document is being filed together with a new application	on, the execution date of the application is:				
A. Patent Application Number(s). 10/109,988 Additional numbers attached? [] Yes [X] No	B. Patent Number(s): Additional numbers attached? [] Yes [] No				
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. § 3.41)(\$40.00 per assignment): \$40.00				
Name: <u>David G. Beck</u>	[] Enclosed				
Address: McCutchen, Doylc, Brown & Enersen Three Embarcadero Center San Francisco, California 94111	 [X] Authorized to be charged to Deposit Account No. 50-1193. [x] The Commissioner is authorized to charge underpayment of any fees or credit any overpayment to Deposit Account No. 50-1193. 				
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. David G. Beck 37,776 Name Registration Number Signature.	2 rd chelon				
Name Registration Number Chaptaire Date Total number of pages including cover sheet, attachments and document: 3					
	th required cover sheet information to: s,Box Assignments, Washington, D.C. 20231				

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, inventors: Denis V. Tsvetkov, Andrey E. Nikolaev and Vladimir A. Dmitriev

Who have created a certain invention for which an application for United States Letters Patent entitled METHOD OF EPITAXIALLY GROWING DEVICE STRUCTURES WITH SHARP LAYER INTERFACES UTILIZING HVPE has been executed and

	is filed herewith;
E are is a a	was filed in the U.S. Patent and Trademark Office on March 28, 2002 and
assigned	Serial Number 10/109,988;

Do hereby sell, assign and transfer to Technologies and Devices International, Inc., having a place of business at 8660 Dakota Drive, Gaithersburg, MD 20877, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Technologies and Devices International, Inc.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives;

The terms "Application" and Application for Letters Patent" as used herein include both provisional and non-provisional applications;

!1428605_1.DOC Docket No. 23600-7009

> PATENT REEL: 013050 FRAME: 0988

Inventor(s) hereby authorizes the above mentioned Assignee cr its legal representative to insert in this instrument the filing date and serial number of said Application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and

Covenant with said Assignee, its successors, assigns, or 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 has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

Denis V. Tsvetkov

Date: 06/17/01

Andrey E. Nikolaev

Date: 06/18/02

Vladimir A. Dmitriey

Date: June 16,02

RECORDED: 07/08/2002