

10/20/03

10-22-2003

Form PTO-1595  
(Rev. 03/01)

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U.S. DEPARTMENT OF COMMERCE  
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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Daryoosh Vakhshoori  
Masud E. Azimi

2. Name and address of receiving party(ies)

Name: CoreTek, Inc.

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Street Address: 600 Technology Park

City: Billerica State: MA Zip: 01821

Execution Date: 09/23/02

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) \_\_\_\_\_

10/079,313

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark J. Pandiscio

Internal Address: Pandiscio & Pandiscio, P.C.

Street Address: 470 Totten Pond Road

City: Waltham State: MA Zip: 02451

6. Total number of applications and patents involved:  1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account  
(any deficiencies)

8. Deposit account number:

16-0221

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9. Signature.

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James A. Sheridan

Name of Person Signing

James A. Sheridan 10/16/03

Signature

10/16/03

Date

Total number of pages including cover sheet, attachments, and documents:  4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

KK/CORE88.ASN

CORE-88

PATENT  
REEL: 014605 FRAME: 0772

ASSIGNMENT

We, Daryoosh Vakhshoori and Masud E. Azimi, residing respectively at 10 Rogers Street, Apt.#205, Cambridge, MA 02142, and 101 Fletcher Road, Belmont, MA 02478, having invented improvements in METHOD AND APPARATUS FOR INTEGRATING A VERTICAL CAVITY SURFACE EMITTING LASER WITH A SEMICONDUCTOR OPTICAL AMPLIFIER, and having executed an application for United States patent describing the same and based thereon (and we hereby authorize our attorney(s), authorized to prosecute said application, to here insert the filing date and serial number of said application, when known, Serial No. 10/079,313, filed 02/20/02), for good and valuable consideration, receipt of which is hereby acknowledged from CoreTek, Inc., a Delaware corporation having a place of business at Wilmington, Massachusetts, hereinafter called the Assignee (which term shall include its successors and assigns), do hereby sell, assign and transfer unto the Assignee our entire right, title, and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or any part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application.

And for the same consideration we do also hereby sell, assign and transfer unto the Assignee all our rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and said application and we do hereby authorize the Assignee to apply in our names or its own name for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention or any such other treaty;

And for the same consideration we do hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, promptly upon request of the Assignee, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for

*Pandiscio & Pandiscio, P.C.*  
470 Totten Pond Road  
Waltham, MA 02451  
Tel. (781) 290 0060

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PATENT  
REEL: 014605 FRAME: 0773

patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee fully to secure to it said right, title, and interest as aforesaid in and to said inventions, application, and said several patents and like rights of exclusion, or any of them, all, however, at the expense of the Assignee;

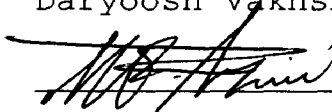
And we do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Officer of each country foreign thereto to issue to the Assignee any and all patents and like rights of exclusion which may be granted in any country upon said application or on or for said inventions;

And we do hereby jointly and severally covenant for ourselves and for our respective legal representatives and agree with the Assignee that we have granted no right or license to make, use or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title and interest in and to said inventions has not been otherwise encumbered by us, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we hereunto set our hands and seals on the day and year hereinafter noted.

 9/23/02.

Daryoosh Vakhshoori

 09/23/2002

Masud E. Azimi

State of Massachusetts )  
County of Middlesex ) ss.

Before me this 23rd day of September, 2002,  
personally appeared Daryoosh Vakhshoori, who is to me personally  
known, and acknowledged the foregoing instrument to be his/her  
free act and deed.

SEAL

Uokya Tshala  
NOTARY PUBLIC

My commission expires: April 17, 2009

State of Massachusetts )  
County of Middlesex ) ss.

Before me this 23rd day of September, 2002,  
personally appeared Masud E. Azimi, who is to me personally  
known, and acknowledged the foregoing instrument to be his/her  
free act and deed.

SEAL

Uokya Tshala  
NOTARY PUBLIC

My commission expires: April 17, 2009

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