

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jelena Vuckovic	06/21/2007
Ilya Fushman	06/21/2007
Dirk Robert Englund	07/02/2007

RECEIVING PARTY DATA

Name:	The Board of Trustees of the Leland Stanford Junior University
Street Address:	1705 El Camino Real
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94306-1106

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11747721

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

STFD.120PA

NAME OF SUBMITTER:

Robert J. Crawford, Esq.

Total Attachments: 3

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PATENT

REEL: 019544 FRAME: 0120

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ASSIGNMENT

WHEREAS, I/we, Jelena Vuckovic, residing at 279 Swain Way, Palo Alto, California 94304; Ilya Fushman, residing at 215 Swain Way, Palo Alto, California 94304; and Dirk Robert Englund, residing at 621 Escondido Road #225, Stanford, California 94305 made certain new and useful inventions and improvements for which we herewith filed an application for Letters Patent of the United States, U.S. Patent Application Serial No. 11/747,721 filed on May 11, 2007, which is entitled: **OPTICAL MICROCAVITY EMITTER ARRANGEMENTS AND METHODS THEREFOR** (Attorney Docket No. STFD.120PA).

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

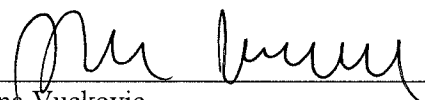
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the

entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

~~21~~ 21 - 06 - 2007
(day) (month) (year)



Jelena Vuckovic

Witnessed by: Andrii Tarzon

Witnessed by: Ilya Fushman

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

21 - 06 - 2007
(day) (month) (year)



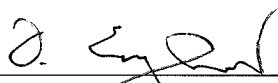
Ilya Fushman

Witnessed by: Andrii Tarzon


Witnessed by: Jelena Vuckovic

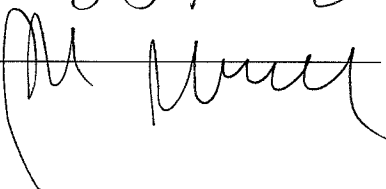
IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

2 - 07 - 2007
(day) (month) (year)



Dirk Robert Englund

Witnessed by: _____

Witnessed by: _____