Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008) 04-13-2007



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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

To the Director of the U.S. Patent a.	103394	1597	uments or the ne	w address(es) t	pelow.
Name of conveying party(ies):		2. Name and ad	dress of receiving pa	ırty(ies)	
Janne Konttinen (2/28/2007), Pietari T (2/28/2007), and Tomi Jouhti (2/28/200			EpiCrystal:		
Additional name(s) of conveying party(ies) attached?	Yes X No	Street Address:	, <u></u>		
3. Nature of conveyance/Execution Date(s):					
Execution Date(s): in parentheses after inventor  X Assignment Merger Change  Security Agreement Joint Research A	of Name	Hermiankatu			
Government Interest Assignment					
Executive Order 9424, Confirmatory License	•	Country:		Zip: F1-33	
4. Application or patent number(s):  A. Patent Application No.(s)  11/654,557  Additional pure	Imbers attached?	his document is b B. Patent No	eing filed together with	a new applicat	ion.
					<del></del>
<ol><li>Name and address to whom correspondence concerning document should be mailed:</li></ol>	•	patents involv	of applications and /ed:	1	
Name: Eric J. Franklin VENABLE LLP		7. Total fee (37 (	CFR 1.21(h) & 3.41)	\$ 40.00	)
Internal Address: Atty. Dkt.: 43289-240424 Street Address: P.O. Box 34385		X Authoriz	zed to be charged by c zed to be charged to do ed equired (government in	eposit account	ing title
City: Washington		8. Payment Info	rmation		-
State: DC Zip: 2 Phone Number: (202) 344-493		a. Credit Card	Last 4 Numbers Expiration Date	22-0261	
Fax Number: (202) 344-8300 Email Address: ejfranklin@venab	Authorized U				
9. Signature:	t	3		ril 9, 2007 Date	
Signatu Eric J. Franklin - 3 Name of Person Sign	7,134		Fotal number of pages in sheet, attachments, and	ncluding cover documents:	3

04/12/2007 MJAMA1 00000012 220261 11654557 40.00 DA 01 FC:8021

Attorney Docket:	
	TP105634

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Janne Konttinen, Kullervonkatu 23 A 22, FI-33500, Tampere, Finland; Pietari Tuomisto, Havumetsänkatu 27 D 75, FI-33820 Helsinki, Finland and Tomi Jouhti, Hämeentie 2 C 46, FI-00530 Helsinki, Finland, hereinafter (collectively) referred to as the assignor, has invented certain improvements relating to <u>LIGHT EMITTING DEVICE FOR VISUAL APPLICATIONS</u> for which said assignor has caused an application for United States Letter Patent to be prepared,

[ ] the inventor's declaration for said application being executed concurrently with the execution of this instrument;	
[ ] said application to be filed in the United States Patent and Trademark Office;	
[X] said Non-Provisional application having been filed in the United States Patent and	
Trademark Office on 18 January 2007, and given Application Number 11/654,557;	
[ ] said application having been filed under the Patent Cooperation Treaty on	,
and given Application No, the United States of America having been	
designated	

AND WHEREAS

EpiCrystals Oy Hermiankatu 8 D FI-33720 Tampere Finland

hereinafter referred to as the assignees is desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.

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PATENT REEL: 019164 FRAME: 0107

Attorney Docket: TP105634

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 28th day of February

Signature: Name:

Address:

Kullervonkatu 23 A 22, FI-33500, Tampere, Finland

EXECUTED, this 22th day of February, 2007

Signature:

Name:

Address:

Havumetsänkatu 27 D 75, FI-33820 Tampere, Finland

EXECUTED, this 28th day of February, 2007

Signature: Tomi Jouhti
Address: Hämeentie 2 C 46, FI-00530 Helsinki, Finland

RECORDED: 04/09/2007