



103550099

Attorney Docket No. 536-009.035

To the Honorable Commissioner of Patents and Trademarks. Please return the enclosed original documents or copy thereof.

1. Name of conveying party(ies):  
**Martin Kittler, Winfried Seifert,  
Manfred Reiche and Tzanimir Arguirov**  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):

**IHP GmbH**  
**Innovations for High Performance Microelectronics**  
Institut Für Innovative Mikroelektronik  
Im Technologiepark 25, D-15236  
Frankfurt, GERMANY

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other Assignment  
Execution Date: July 18, 2005

Additional name(s) and 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)

**11/919,915**

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

**Ware, Fressola, Van Der Sluys & Adolphson LLP**  
**Bradford Green, Building Five**  
**755 Main Street**  
**P.O. Box 224**  
**Monroe, CT 06468-0224**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  
 Authorized to be charged to credit card as shown on attached form PTO-2038

8. Deposit account number: 23-0442  
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attachment copy is a true copy of the original document.*

**Cathy A. Sturmer Reg. No. 60,869**  
Name of Person Signing

Signature

**February 23, 2009**  
Date

Total number of pages including cover sheet, attachments, and document: 76

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

2-24-09

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, **Martin KITTLER**, a citizen of Germany residing at **Kastanienallee 4, 15234 Frankfurt (Oder), Germany**; **Manfred REICHE**, a citizen of Germany residing at **Erhard-Hübener-Strasse 33, 06132 Halle, Germany**; **Tzanimir ARGUIROV**, a citizen of Bulgaria residing at **Willy-Brandt-Strasse 9, 03044 Cottbus, Germany**; and **Winfried SEIFERT**, a citizen of Germany residing at **Winsestrasse 5, 15230 Frankfurt (Oder), Germany**, hereby sell, assign and transfer to **IHP GmbH - INNOVATIONS FOR HIGH PERFORMANCE MICROELECTRONICS/ INSTITUT FÜR INNOVATIVE MIKROELEKTRONIK**, a corporation duly organized and existing under the laws of Germany and having a principal place of business at **Im Technologiepark 25, D-15236, Frankfurt (Oder), Germany**, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a ***Dislocation-based light emitter***, which is described in an application for Letters Patent of the United States now bearing the US serial number 11/919,915, which application is the US national phase of international application PCT/EP2006/062030 filed on 03 May 2006, which application in turn claims priority to DE Patent Application No. 10 2005 021 296.4 filed 03 May 2005, and which is further identified by Ware, Fressola, Van Der Sluys & Adolphson as Attorney Docket No. 536-009.035; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions in all countries be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.


We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

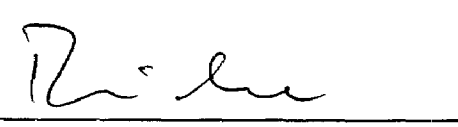
We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial Property, as amended, or by any

convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.


We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Frankfurt (G.) this 19<sup>th</sup>  
(city/state/country) (day)  
day of February, 2007.  
(month)  
  
**Martin KITTLER**

Signed at Halle this 19<sup>th</sup>  
(city/state/country) (day)  
day of February, 2007.  
(month)  
  
**Manfred REICHE**

Signed at Cottbus this 26<sup>th</sup>  
(city/state/country) (day)

day of February, 2007.  
(month)

  
\_\_\_\_\_  
Tzanimir ARGUIROV

Signed at Cottbus this 26<sup>th</sup>  
(city/state/country) (day)

day of February, 2007.  
(month)

  
\_\_\_\_\_  
Winfried SEIFERT