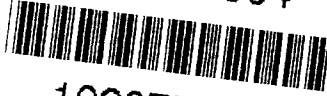


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To the Director of the United States Patent and Trademark Office.

attached original documents or copy thereof.

11-02-04

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Victor MALYARCHUCK, Jong-Wan PARK,  
Yeo-Chan YOON, Han-Youl RYU, Kyeong-Hwa YOO**

2. Name and address of receiving party(ies):  
**Max-Born-Institute Fut Nichtlineare  
Name: Optik Und Kurzzeitspektroskopie**

Address:  
**Max-Born-strasse 2a,**

City: **Berlin** State/Prov.: \_\_\_\_\_  
Country: **Germany** ZIP: **D-12489**

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**10/494,814 05/07/2004**

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

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Registration No. **33,986**  
Address: **1221 McKinney Street, Suite 2800**

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**Page Two of Recordation Form Cover Sheet**

Additional Assignee:

2. Names and Addresses of Additional Receiving Parties:

Dai-Sik KIM  
Department of Physics, Seoul National University  
Sillim-dong, Kwanak-gu  
151,742 Seoul  
REPUBLIC OF KOREA

Sung-Chul HOHNG  
Department of Physics, Seoul National University  
Sillim-dong, Kwanak-gu  
151,742 Seoul  
REPUBLIC OF KOREA

## ASSIGNMENT – U.S. RIGHTS ONLY

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

**MAX-BORN-INSTITUT FÜR NICHTLINEARE OPTIK UND KURZZEITSPEKTROSKOPIE**

having the following address:

**Max-Born-strasse 2a, D-12489 Berlin, Germany,**

and

**KIM, Dai-Sik**

having the following address:

**Department of Physics, Seoul National University, Sillim-dong, Kwanak-gu, 151-742 Seoul, Republic of  
Korea**

and

**HOHNG, Sung-Chul**

having the following address:

**Department of Physics, Seoul National University, Sillim-dong, Kwanak-gu, 151-742 Seoul, Republic of  
Korea**

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

**SURFACE PLASMON OPTIC DEVICES AND RADIATING SURFACE PLASMON SOURCES FOR  
PHOTOLITHOGRAPHY**

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;

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**OSHA & MAY L.L.P.**

**PATENT  
REEL: 015945 FRAME: 0566**

2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA & MAY L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

August 4, 2004	1 <sup>st</sup> Inventor Signature: <u>KIM Dai Sik</u>
Date	Print or Type Name: <u>KIM, Dai-Sik</u>
August 4, 2004	2 <sup>nd</sup> Inventor Signature: <u>HOHNG Sung Chul</u>
Date	Print or Type Name: <u>HOHNG, Sung-Chul</u>
August 4, 2004	3 <sup>rd</sup> Inventor Signature: <u>Christoph Lienu</u>
Date	Print or Type Name: <u>LIENAU, Christoph</u>
August 4, 2004	4 <sup>th</sup> Inventor Signature: <u>Viktor Malychuk</u>
Date	Print or Type Name: <u>MALYARCHUCK, Victor</u>

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This Assignment may be signed before either:  
 (a) a Notary Public for one of the States of the United States, or (b) two witnesses who sign below:

NOTARY PUBLIC	State of _____			
	County of _____			
	Before me personally appeared:			
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1 <sup>st</sup> Inventor	2 <sup>nd</sup> Inventor			
3 <sup>rd</sup> Inventor	4 <sup>th</sup> Inventor			
each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.				
Dated: _____				
Notary Public	My commission expires: _____			



WITNESSES

August 4, 2004  
Date

Signature of Witness: Jin Suk  
Print or Type Name: LEE, Jin - Suk

August 4, 2004  
Date

Signature of Witness: Kim Jung Suk  
Print or Type Name: KIM, Jung - Suk

When this Assignment is not filed concurrently with the patent application,  
the following identifying information may be added after execution:

U.S. Application Serial No.: 10/494,814  
Filing Date: May 7, 2004