

FORM PTO-1585

11-27-2002

HEET



102295029

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): Karsten BUSE and Marc LUENNEMANN Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Deutsche Telekom AG</u> Internal Address: _____ Street Address: <u>Friedrich-Ebert-Allee 140</u> City: <u>53113 Bonn</u> State: <u>Federal Republic of Germany</u> ZIP: <u>D-53113</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution dates: <u>October 12, 2002 and October 17, 2002</u></p>	
<p>4. Application numbers or patent numbers: If this document is being filed together with a new application, the execution date of the application is: A. Patent Application Serial No. <u>10/211,768</u> B. Patent No.(s) _____ Additional Numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Richard L. Mayer</u> Internal Address: <u>KENYON & KENYON</u> Street Address: <u>One Broadway</u> City: <u>New York</u> State: <u>New York</u> ZIP: <u>10004</u> CUSTOMER NO. 26646</p>	<p>6. Total number of applications and patents involved: _____ 7. Total fee (37 C.F.R. 3.41) \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>11-0600</u> COPY OF THIS RECORDAL SHEET ATTACHED FOR THIS PURPOSE</p>

RECORDS SECTION
NOV 19 AM 7:44
2002

DO NOT USE THIS SPACE

9. Statement and signature. *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Richard L. Mayer (Reg. No. 22,490)
Name of Person Signing

Richard L. Mayer
Signature

*By: Cynthia Shuck
Reg. No. 47084 Nov. 15, 2002*
Date

Total Number of pages including cover sheet, attachments and document: 6

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

**Commissioner for Patents
Box Assignments
U.S. Patent and Trademark Office
Washington, D.C. 20231**

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0605-0011), Washington, D.C. 20503

11/26/2002 6TOM11 00000261 110600 10211768
01 FC:0021 40.00 CH

[2345/186]

ASSIGNMENT

WHEREAS, WE,

Karsten BUSE
Am Wiesenbach 31
49124 Georgsmarienhuette
Federal Republic of Germany
Citizenship: Germany

and

Marc LUENNEMANN
Goethestrasse 11
49757 Werlte
Federal Republic of Germany
Citizenship: German

have made new and useful inventions and discoveries in **NON-LINEAR INCREASE IN PHOTSENSITIVITY OF PHOTOREFRACTIVE MATERIALS**, the specification of which was filed as International Application Number 101 37 550.6 on August 1, 2001 and filed as an application having Serial No. 10/211,768 for Letters Patent in the United States Patent and Trademark Office on August 1, 2002.

WHEREAS Deutsche Telekom AG, having a place of business at **Friedrich-Ebert-Allee 140, D-53113 Bonn, Federal Republic of Germany**, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all


of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12 day
of October, 2002.



Karsten BUSE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 17th day
of October, 2002.



Marc LUENNEMANN