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**PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): <b>Hans Wilfried Peter KOOPS; John SHERIDAN</b></p> <p>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: <b>Deutsche Telekom AG</b> Internal Address: <b>Friedrich-Ebert-Allee 140</b> <b>53113 Bonn</b> <b>Federal Republic of Germany</b></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment                      0 Merger 0 Security Agreement              0 Change of Name 0 Other:</p> <p>Execution date(s): <b>March 15, 2000; March 17, 2000</b></p>	
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<p>4. Application numbers or patent numbers:</p>	
<p>A. U. S. Serial No.: <b>09/529,605</b> filed <b>October 18, 2000</b></p>	<p>B. Patent No.(s)</p>

Additional Numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <b>Richard L. Mayer</b> Internal Address: <b>KENYON &amp; KENYON LLP</b> Street Address: <b>One Broadway</b> City: <b>New York</b> State: <b>New York</b> ZIP: <b>10004</b></p>	<p>6. Total number of applications and patents involved: <b>1</b></p>
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	<p>7. Total fee (37 C.F.R. 3.41) ..... \$ <b>40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p>
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	<p>8. Deposit account number: <u>11-0600</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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<p>9. Statement and signature. <i>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.</i></p>
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<p><b>Richard L. Mayer</b> (Reg. No. 22,490) Name of Person Signing</p>	<p><i>Richard L. Mayer</i> Signature</p>	<p><b>May 22, 2006</b> Date</p>
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Total Number of pages including cover sheet and fax transmittal sheet: 6

OMB No. 0651-0011 (exp. 4/94)

**Documents to be recorded (including cover sheet) should be faxed to 1.571.273.0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office,  
P.O. Box 1450, Alexandria, VA 22313-1450**

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**ASSIGNMENT**

WHEREAS, we,

**Hans Wilfried Peter KOOPS**  
**Ernst-Ludwig-Strasse 16**  
**D-64372 Ober-Ramstadt**  
**Germany**  
**Citizenship: German**

**John SHERIDAN**  
**5 Harcourt Villas, Dundrum Road**  
**Windy Arbour**  
**Dublin 14**  
**Ireland**  
**Citizenship: Irish**

and

**Martin ZUERN**  
**Via Fermi**  
**I-21020 Ispra**  
**Italy**  
**Citizenship: German**

have made new and useful improvements in the invention entitled **PROCESS AND DEVICE FOR THE WAVELENGTH-SELECTIVE MIXTURE AND/OR DISTRIBUTION OF POLYCHROMATIC LIGHT**, the specification of which was filed as International Application No. **PCT/EP98/06131** on **25 September 1998**.

WHEREAS **Deutsche Telekom AG**, having a place of business at **Friedrich-Ebert-Allee 140, 53113 Bonn, Germany**, 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 in any and all countries, including all divisional, renewal, substitute, continuation, and Convention 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 name 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  
15<sup>th</sup> day of March, 2000.

x *Hans Koops*  
**Hans Wilfried Peter KOOPS**

WITNESSED BY:

x *Tom Thunke*  
Name

*Tom Thunke*

*Schwabe & Koch, P.C. 65572 Reddick Circle*  
Address

WITNESSED BY:

x *R. Wang*  
Name

\_\_\_\_\_

Address

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this

17 day of 3, 2000.

x   
John SHERIDAN

WITNESSED BY:

x   
\_\_\_\_\_  
Name

Lucy Walsh

Address Railway Terrace  
Castlebar, Co. Mayo (IRELAND)

WITNESSED BY:

x   
\_\_\_\_\_  
Name

S. Harcourt Villas  
Dundrum Rd., Dublin 14, ROI  
Address

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2001.

\_\_\_\_\_  
**Martin ZUERN**

WITNESSED BY:

\_\_\_\_\_  
Name

\_\_\_\_\_

\_\_\_\_\_  
Address

WITNESSED BY:

\_\_\_\_\_  
Name

\_\_\_\_\_

\_\_\_\_\_  
Address