

FORM PTO-1585

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12-05-2001

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

1. Name of conveying party(ies):

Norbert HANIK and Herbert SCHMID

Additional name(s) of conveying parties attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution dates: 11-05-01 and 11-05-01

2. Name and address of receiving party(ies)

Name: Deutsche Telekom AG

Internal Address: _____

Street Address: Friedrich-Ebert-Allee 140City: 53113 BonnState: Federal Republic of Germany

ZIP: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Date application executed: August 13, 2001

A. Patent Application: 09/913,375

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

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

Name: Richard L. MayerInternal Address: KENYON & KENYONStreet Address: One BroadwayCity: New York State: New York ZIP: 10004

CUSTOMER NO. 26646

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

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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)

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Signature

Date

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PATENT
 REEL: 012331 FRAME: 0986

ASSIGNMENT

WHEREAS, WE,

**Norbert HANIK
Hauptstrasse 26d
13591 Berlin
Federal Republic of Germany
Citizenship: German**

and

**Herbert SCHMID
Feldstrasse 31
63512 Hainburg
Federal Republic of Germany
Citizenship: German**

have made new and useful inventions and discoveries in **METHOD FOR MONITORING THE TRANSMISSION QUALITY OF AN OPTICAL TRANSMISSION SYSTEM, IN PARTICULAR OF AN OPTICAL WAVELENGTH-DIVISION MULTIPLEX NETWORK**, the specification of which was filed as International Application Number PCT/EP00/00420 on January 20, 2000, and filed as a U.S. application having a Serial No.09/913,375 on August 13, 2001 for Letter Patent in the U.S.P.T.O.; and

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 5 day
of November, 2001.

X 
Norbert HANIK

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 05 day
of November, 2001.

X Herbert Schmid
Herbert SCHMID