AD58/40 Form PTO-1595 RE 12-31-2	
(Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	U.S. Palent and Trade
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To the Honorable Commissioner of Patents and Trademarks:	
1. Name of conveying party(ies): Detlef KOLLIGS	2. Name and address of receiving party(ies)
Klaus WEINGARTZ $\sqrt{\cdot 1200}$	Name: DEUTSCHE TELEKOM AG
	Internal Address:
Additional name of conveying party(ies) attached?  Yes X No	
3. Nature of conveyance:	Street Address: Friedrich-Ebert-Allee 140
🖾 Assignment 🗌 Merger	
Security Agreement Change of Name	City: Bonn State
Other	Country: Germany Zip: { 3113
Execution Date: August 23 and August 26, 2002 respectively	Additional Name(s) & address(es) attached?
A. Patent Application No.(s) NYA	B. Patent No.(s)
NYA 02 MKAYPAGH 00000104 10221600 40.00 DP	B. Patent No.(s)
NYA 22 MKAYPAGH 00000104 10221600 40.00 0P Additional numbers att 5. Name and address of party to whom correspondence	1022160
NYA D2 MKAYPAGH 00000104 10221600 L 40.00 DP Additional numbers att	1072 140 Lached? □ Yes ⊠ No
NYA 22 MKAYPAGH 00000104 10221600 40.00 DP Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: William C. Gehris	tached? ☐ Yes ⊠ No 6. Total number of applications and patents involved
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NYA         02 MKAYPAGH 00000104 10221600         1       40.00 0P         Additional numbers att         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       William C. Gehris         Internal Address:       DAVIDSON, DAVIDSON & KAPPEL, LLC         Street Address:       485 Seventh Avenue, 14 <sup>th</sup> Floor         City: New York       State: NY       Zip: 10018	tached? □ Yes ⊠ No         6. Total number of applications and patents involved.         7. Total fee (37 CFR 3.41)\$ 40.( )         ⊠ Enclosed         □ Authorized to be charged to dep sit account         8. Deposit account number:         50-0552
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NYA         02 MKAYPAGH 00000104 10221600         1       40.00 0P         Additional numbers att         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       William C. Gehris         Internal Address:       DAVIDSON, DAVIDSON & KAPPEL, LLC         Street Address:       485 Seventh Avenue, 14 <sup>th</sup> Floor         City: New York       State: NY       Zip: 10018         DO NOT US       9. Statement and signature.       To the best of my knowledge and belief, the foregoing information of the base of my knowledge and belief, the foregoing information of the base of my knowledge and belief, the foregoing information of the base of the bas	tached? □ Yes ⊠ No         6. Total number of applications and patents involved         7. Total fee (37 CFR 3.41)\$ 40.( )         ⊠ Enclosed         □ Authorized to be charged to deposit account         8. Deposit account number:         50-0552         (Attach duplicate copy of this page if paying by deposited by the page of paying by deposited by the paying by deposited by the paying by the paying by deposited by the paying by the p
NYA         D2 MKAYPAGH 000000104 10221600         40.00 DP         Additional numbers att         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       William C. Gehris         Internal Address:       DAVIDSON, DAVIDSON & KAPPEL, LLC         Street Address:       485 Seventh Avenue, 14 <sup>th</sup> Floor         City: New York       State: NY       Zip: 10018         DO NOT US         9. Statement and signature.         To the best of my knowledge and belief, the foregoing infories a true copy of the original document.       Milliam C. Gehris. Reg. No. 38,156	tached?       Yes ⊠ No         6. Total number of applications and patents involved.         7. Total fee (37 CFR 3.41)\$ 40.0 0         ⊠ Enclosed         □ Authorized to be charged to dep sit account         8. Deposit account number:         50-0552         (Attach duplicate copy of this page if paying by deposited and any attached copy         E THIS SPACE
NYA         D2 MKAYPAGH 00000104 10221600         1       40.00 0P         Additional numbers att         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       William C. Gehris         Internal Address:       DAVIDSON, DAVIDSON & KAPPEL, LLC         Street Address:       485 Seventh Avenue, 14 <sup>th</sup> Floor         City: New York       State: NY       Zip: 10018         DO NOT US       9. Statement and signature.       To the best of my knowledge and belief, the foregoing informing a true copy of the original document.       Milliam C. Gehris, Reg. No. 38,156         Name of Person Signing       Mare of Person Signing	tached? □ Yes ⊠ No         6. Total number of applications and patents involved.         7. Total fee (37 CFR 3.41)\$ 40.( )         ⊠ Enclosed         □ Authorized to be charged to der >sit account         8. Deposit account number:         50-0552         (Attach duplicate copy of this page if pa) ng by depo         E THIS SPACE         rmation is true and conjunct and any attached copy

PATENT REEL: 013322 FRAME: 0756

## ASSIGNMENT

WHEREAS, I (We), <u>Detlef KOLLIGS, residing at A. Brucknerstr isse 16, D-64807 Dieburg</u>, <u>Germany</u>; and <u>Klaus WEINGARTZ</u>, residing at Aussic <u>er Strasse 8</u>, <u>D-64342 Seeheim</u>, <u>Germany</u>; ASSIGNOR(S), have invented certain new and useful improvements in **METHOD AND DEVICE FOR MEASURING THE QUALITY OF A NETWORK FOR THE TRANSMISSION OF DIGITAL OR ANALOG SI GNALS**, an application for a Patent of the United States (for) which:

	l (we) am (are) about to execute; was executed on	
<u></u>	(date(s));	
<u>×</u>	is identified by Davidson, Davidson & Kappel, LLC, Docket No. was filed on Serial No.	520.1023;
<u>X</u>	(we) hereby authorize and request our attorney, Davidson, Da	

Kappel, LLC of 485 Seventh Avenue, 14<sup>th</sup> Floor, New York, Nev York 10018 to insert here in parentheses (Application number \_\_\_\_\_\_\_, filed \_\_\_\_\_\_) the filing date and application number of said application when known; and

WHEREAS, DEUTSCHE TELEKOM AG, Friedrich-Ebert-Allee 40, D-53113 Bonn, Germany, ASSIGNEE, is desirous of obtaining the entire right, tille and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar \$1.00) to me (us) in hand paid, and other good and valuable consideration, the rece pt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continua ions thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countr es foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, wil rout limitation, patents, utility models, inventors' certificates and designs which may b > granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

I (WE) HEREBY authorize and request the Commissioner of P∉ tents and Trademarks of the United States, and any Official of any country or ccuntries foreign to the United States, whose duty it is to issue patents or other evidenc ∋ or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

I (WE) HEREBY further covenant and agree that I (we) will con municate to the said ASSIGNEE, its successors, legal representatives and assign:, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

## PATENT REEL: 013322 FRAME: 0758

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand s) and seal(s) the day and year set opposite my (our) signature(s).

Dated: 16 08 2002

Detlef KOLLIGS

## PATENT REEL: 013322 FRAME: 0759

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Klaus WEINGARTZ

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