

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Matthias Gunkel	01/14/2008
Ralph Leppla	01/11/2008
Malte Schneiders	01/14/2008
Sascha Vorbeck	01/11/2008
Werner Weiershausen	01/23/2008
Michael Bousonville	01/12/2008
RECEIVING PARTY DATA	
Name:	Deutsche Telekom AG
Street Address:	Friedrich-Ebert-Allee 140
City:	Bonn
State/Country:	GERMANY
Postal Code:	53113
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11917391
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	20811/0208708-US0
NAME OF SUBMITTER:	Anna Mason

OP \$40.00 11917391

Total Attachments: 6

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ASSIGNMENT

I, Matthias Gunkel, a citizen of Germany, residing at Tulpenweg 29; 64291 Darmstadt; GERMANY; and

I, Ralph Leppla, a citizen of Germany, residing at Martinstrasse 76; 64285 Darmstadt; GERMANY; and

I, Malte Schneiders, a citizen of Germany, residing at Parkstrasse 12a; 64289 Darmstadt; GERMANY; and

I, Sascha Vorbeck, a citizen of Germany, residing at Mathildenstrasse 1; 64347 Griesheim; GERMANY; and

I, Werner Weiershausen, a citizen of Germany, residing at Nieder-Roeder.Strasse 48c; 64859 Eppertshausen; GERMANY; and

I, Michael Bousonville, a citizen of Germany, residing at Moselstrasse 15; 55118 Mainz; GERMANY;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

Deutsche Telekom AG

a Corporation organized under the laws of Germany, located at Friedrich-Ebert-Allee 140, 53113 Bonn, GERMANY (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

**METHOD FOR THE RAMAN AMPLIFICATION OF OPTICAL SIGNALS AND
TRANSMISSION SYSTEM**

invented by me and described in Patent Application No. 11/917,391, filed on December 13, 2007, in the United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.


I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be

presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

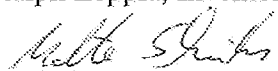
Dated: 14.01.08


Matthias Gunkel, Inventor

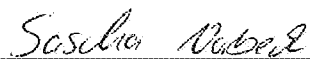
Dated: 11/11/08


Ralph Leppla, Inventor

Dated: 14.01.08


Malte Schneiders, Inventor

Dated: 11.01.2008


Sascha Vorbeck, Inventor

Dated: 23.01.2008


Werner Weiershausen, Inventor

Dated: _____

Michael Bousonville, Inventor

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I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be

presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: _____

Matthias Gunkel, Inventor

Dated: _____

Ralph Leppla, Inventor

Dated: _____

Malte Schneiders, Inventor


Dated: _____

Sascha Vorbeck, Inventor

Dated: _____

Werner Weiershausen, Inventor

Dated: 12. Jan. 2008



Michael Bousonville, Inventor