PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert Spadinger	05/08/2008

RECEIVING PARTY DATA

Name:	Vodafone Holding GmbH
Street Address:	Mannesmannufer 2
City:	Duesseldorf
State/Country:	GERMANY
Postal Code:	40213

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11794628

CORRESPONDENCE DATA

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Address Line 4: Southborough, MASSACHUSETTS 01772

ATTORNEY DOCKET NUMBER: 82701

NAME OF SUBMITTER: Edward M. Kriegsman

Total Attachments: 2

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PATENT REEL: 026651 FRAME: 0221

ASSIGNMENT

82701

ANDREAS BINDER

WHEREAS, ANDREAS BINDER of Muehlenstrasse 3, 85609 Aschheim, Germany, and ROBERT SPADINGER of Rua dos Estados 235, Belo Hodzonte/MG, 31560-030, Brazil (hereinafter referred to as ASSIGNORS) have invented and own a certain invention entitled COMMUNICATIONS SYSTEM, INTERMEDIATE ELEMENT FOR A COMMUNICATIONS SYSTEM, AND METHOD FOR ESTABLISHING A COMMUNICATIONS LINK, which is described and claimed in an application filed as PCT Application No. PCT/DE2005/002324 on December 27, 2005, and has been assigned U.S. Patent Application No. 11/794,628.

WHEREAS, VODAFONE HOLDING GmbH, a business organized and existing under and by virtue of the laws of Germany and having a place of business at Mannesmannufer 2, 40213 Duesseldorf, Germany (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said invention and said application and in, to and under any Letters Patent to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest in, to and under said invention in the United States and its territorial possessions and in all foreign countries and in, to and under said application and any Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which could conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all perfinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I ha	eve hereunto set hand	and sea	il this	day of
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REEL: 026651 FRAME: 0222

IN WITNESS WHEREOF, I have hereunto set hand and seal this $- heta \chi$ day of

2008

ROBERT SPADINGER

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PATENT FFI : 026651 FRAME: 0223

RECORDED: 07/26/2011