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To the Director of the U.S. Patent & Trademark Office

and the enclosed documents or the new address(es) below.

1. Name of conveying party(ies)

Alexei Kulakov, Yang Lu and Peter Wild

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 27, 2010

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Vodafone Holding GmbH

Internal Address: _____

Street Address: Mannesmannufer 2

City: Duesseldorf

State: _____

Country: Germany Zip: 40213

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/804,827

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: KRIEGSMAN & KRIEGSMAN

Internal Address: _____

Street Address: 30 Turnpike Road, Suite 9

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Phone Number: 508-481-3500

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Email Address: daniel.kriegsman@kriegsmanlaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

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D.S. Kriegsman

Signature

12-7-10

Date

Daniel S. Kriegsman

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

ASSIGNMENT

83022

WHEREAS, ALEXEI KULAKOV of OSTERODER STRASSE 8, 40595 DUESSELDORF, GERMANY, YANG LU of HANS-VILZ-WEG 7B, 40489 DUESSELDORF, GERMANY and PETER WILD of KAARSTER WEG 6, 47807 KREFELD, GERMANY (hereinafter referred to as ASSIGNORS) have invented and own a certain invention entitled METHOD FOR ASSIGNING A UNIQUE IDENTIFIER TO A MOBILITY MANAGEMENT ENTITY AND FOR IMPLEMENTING A MOBILITY MANAGEMENT ENTITY IN A CORE NETWORK OF AN SAE/LTE COMMUNICATION SYSTEM AS WELL AS A MOBILITY MANAGEMENT ENTITY, for which a U.S. application for Letters Patent was filed on July 29, 2010 and assigned Serial No. 12/804,827.

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 pertinent 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

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IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
27.10, 2010



ALEXEI KULAKOV

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
Oct. 27th, 2010



YANG LU

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
Oct. 27th, 2010



PETER WILD