

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Youssef Chami | 03/04/2011 |
| David Lister | 03/16/2011 |
| RECEIVING PARTY DATA | |
| Name: | Vodafone Group PLC |
| Street Address: | Vodafone House |
| Internal Address: | The Connection |
| City: | Newbury, Berkshire |
| State/Country: | UNITED KINGDOM |
| Postal Code: | RG14 2FN |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12737633 |
| CORRESPONDENCE DATA | |
| Fax Number: | (508)898-8602 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 5088988601 |
| Email: | docketing@westboro-ip.com |
| Correspondent Name: | Muirhead and Saturnelli, LLC |
| Address Line 1: | 200 Friberg Parkway |
| Address Line 2: | Suite 1001 |
| Address Line 4: | Westborough, MASSACHUSETTS 01581 |
| ATTORNEY DOCKET NUMBER: | VPM-09201 |
| NAME OF SUBMITTER: | Donald W. Muirhead |
| <p>Total Attachments: 2</p> <p>source=VPM-09201, Executed Assignments#page1.tif</p> | |

OP \$40.00 12737633

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PATENT
REEL: 025972 FRAME: 0963

ASSIGNMENT

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled:

MOBILE TELECOMMUNICATIONS NETWORK

filed on July 31, 2009 as PCT/GB2009/050948 and has full right to convey their entire interest both legal and equitable in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, VODAFONE GROUP PLC ("ASSIGNEE"), a corporation having offices at Vodafone House, The Connection, Newbury, Berkshire RG14 2FN, GREAT BRITAIN is desirous of acquiring the entire right, title and interest in and to said inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the undersigned, each of the undersigned hereby sells, assigns, transfers and sets over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said inventions, as described in the aforesaid application, and all applications resulting therefrom, including any and all divisionals, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents;

AND, each of the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; each of the undersigned agrees that the attorney of record shall hereinafter act on behalf of said ASSIGNEE;

AND, each of the undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said inventions in this or any foreign country;

Each of the undersigned hereby authorizes Muirhead and Saturnelli, LLC, 200 Friberg Parkway, Suite 1001, Westborough, MA 01581 to insert herein any further identification information necessary or desirable for recordation of this document.

Inventor(s)Date SignedWitness

1. Youssef CHAMI
Name: Youssef CHAMI

4/3/2011

Gabriel Khoo

2. David LISTER
Name: David LISTER

[Signature]

PATENT

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| <u>Inventor(s)</u> | <u>Date Signed</u> | <u>Witness</u> |
|--|-----------------------------------|-----------------------------------|
| 1. _____ Name: Youssef CHAMI | _____ | _____ |
| 2. <u>David Lister</u> Name: David LISTER | <u>16th March 2011</u> | <u>Eric Murray</u> ERIC MURRAY |