03-29-2001 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE RE EET 1-31-92 Patent and Trademark Office 3501 101652610 Docket No. 228/120 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party: **OMNIPOINT CORPORATION** Name: OMNIPOINT TECHNOLOGIES, INC. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address: Nature of conveyance: Assignment ☐ Merger City: _____State: ___ Zip: ___ ☐ Security Agreement Change of Name Street Address: 1365 Garden of the Gods Road ☐ Other _____ City: Colorado Springs State: CO Zip: 80907 Execution Date: June 26, 2000 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: ___ Patent Application No(s).: 08/988,505 B. Patent No(s).: Additional numbers attached?
Yes
No 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence concerning document should be mailed: \$ 40.00 € Name: Steven D. Hemminger Total fee (37 CFR 3.41): ☐ Enclosed Internal Address: LYON & LYON LLP 633 West Fifth Street, Suite 4700 Charge this Deposit Account if any additional fee is Los Angeles, CA 90071-2066 required Deposit Account Number: 12-2475 DO NOT USE THIS SPACE Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the Date: Steven D. Hemminger, Reg No. 30,755 Total number of pages including cover sheet: 3 OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

PATENT REEL: 011619 FRAME: 0712

ASSIGNMENT

WHEREAS, OMNIPOINT CORPORATION, c/o VOICESTREAM WIRELESS
CORPORATION, 3650 131st Avenue SE, Bellevue, Washington 98006, a Delaware corporation, being the owner of the patent application titled "AUTHENTICATION AND SECURITY IN WIRELESS COMMUNICATION SYSTEM", having U.S. Patent Application Serial No. 08/988,505, and filed 12/10/1997; and

WHEREAS, OMNIPOINT TECHNOLOGIES, INC., a Delaware corporation, having a place of business at 1365 Garden of the Gods Road, Colorado Springs, Colorado 80907, is desirous of acquiring the exclusive right, title and interest in and to said patent application and in and to any Letters Patent to be granted thereon and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto; and

WHEREAS I, DAVID A. MILLER, hereby acknowledge that I am Vice President and Assistant Secretary of Omnipoint Corporation and am authorized to execute this assignment of rights, title and interest in and to said patent application and to any patents resulting therefrom; and

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, OMNIPOINT CORPORATION does hereby sell, assign, transfer and set over unto said OMNIPOINT TECHNOLOGIES, INC., its successors and assigns, the entire right, title and interest in and to said patent application, and in and to any and all Letters Patent to be granted thereon and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also including all priority rights under the International Convention for the protection of industrial property for every member country, and all applications for patents heretofore or hereafter filed for any invention in any foreign countries

PATENT REEL: 011619 FRAME: 0713

and all patents (including all extensions, renewals and reissues thereof) granted on said application in any foreign countries to be held and enjoyed to the full term(s) for which the application or other grants of legal protection is entitled; and I hereby authorize and request the Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications, to issue all patents for any invention based on aforesaid

First Francisco
application to OMNIPOINT TECHNOLOGIES, INC., its successors and assigns, in accordance
with this Assignment.
Executed at BELLEVUE, WASHINGTON, this Later day of JUNE, 2000.
David A. Miller Vice President and Assistant Secretary OMNIPOINT CORPORATION
STATE OF WASHINGTON)
COUNTY OF KING) ss.
On this 26 day of, 2000, before me, a Notary Public, State of Washington, duly commissioned and sworn, personally appeared DAVID A. MILLER known to me to be the person whose name is subscribed to in the within instrument and acknowledged to me that he executed the same.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the day and year first above written WHENCE WASHINGTON NOTARY PUBLIC PUBLIC 13-02-05

2

PATENT REEL: 011619 FRAME: 0714

RECORDED: 03/05/2001