

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIMMO ANTERO KYLLONEN	12/17/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARRIER CORPORATION
<b>Street Address:</b>	5 FARM SPRINGS
<b>City:</b>	FARMINGTON
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15533722
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<b>ATTORNEY DOCKET NUMBER:</b>	1511607.129US9
<b>NAME OF SUBMITTER:</b>	JUDY NAAMAT
<b>SIGNATURE:</b>	/Judy Naamat/
<b>DATE SIGNED:</b>	06/09/2017
<b>Total Attachments: 2</b>	
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## ASSIGNMENT BY INVENTOR

I, Kimmo Antero Kyllonen, of Shakopee, Minnesota, have invented certain improvements in "NETWORK TOPOLOGY", and described in U.S. Provisional Application Serial No. 62/092,468, filed on December 16, 2014, and International Application Docket No. 76982WO01, executed on even date herewith and listing as inventor: Kimmo Antero Kyllonen, (hereinafter the Application(s)) and for which International Application I authorize insertion post-execution here in parentheses (PCT/US2015/065974, filed December 16, 2015) the international filing date and International Application number when known.

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to Carrier Corporation, (hereinafter Assignee) a Connecticut, U.S.A. corporation, having a place of business at 5 Farms Springs, Farmington, Connecticut, United States of America 06032.

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned has sold, assigned, transferred and set over and by these presents does hereby sell, assign, transfer and sets over unto Assignee, its successors and assigns, my entire right, title and interest in and to:

said invention or inventions as described in the Application(s), in all forms and embodiments thereof and in all countries and other jurisdictions;

the Applications(s) and all applications filed in all countries and jurisdictions based thereon or otherwise for said invention or inventions, including direct or indirect nonprovisional of, divisional, continuation, continuation-in-part, or substitute applications, and including the right to file all said applications under the provisions of the Paris Convention for the Protection of Industrial Property, Patent Cooperation Treaty or other international convention or agreement;

all patents and reissues, reexaminations, or extensions thereof to be obtained in all countries and jurisdictions upon said invention or inventions or from all said applications; and

to all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorizes and requests the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns.

The undersigned further agrees, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testifies in all interference or other legal proceedings, whenever requested; executes and delivers, on request, all lawful papers required to make all of the foregoing provisions effective; and generally does everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions.

**IN TESTIMONY WHEREOF**, the undersigned have-hereunto set his hand and seal on the date after his signature.

(L.S.)   
\_\_\_\_\_  
Kimmo Antero Kyllonen

12/17/2014  
\_\_\_\_\_  
Date