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Vaarala et al.

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(54) **METHOD AND SYSTEM FOR SENDING A MESSAGE THROUGH A SECURE CONNECTION**

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This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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H04L 9/32 (2006.01)
G06F 15/16 (2006.01)
H04L 29/06 (2006.01)

(52) **U.S. Cl.**
CPC **H04L 63/0428** (2013.01); **H04L 63/0281** (2013.01); **H04L 63/061** (2013.01)

(58) **Field of Classification Search**
USPC 709/236, 239, 245
See application file for complete search history.

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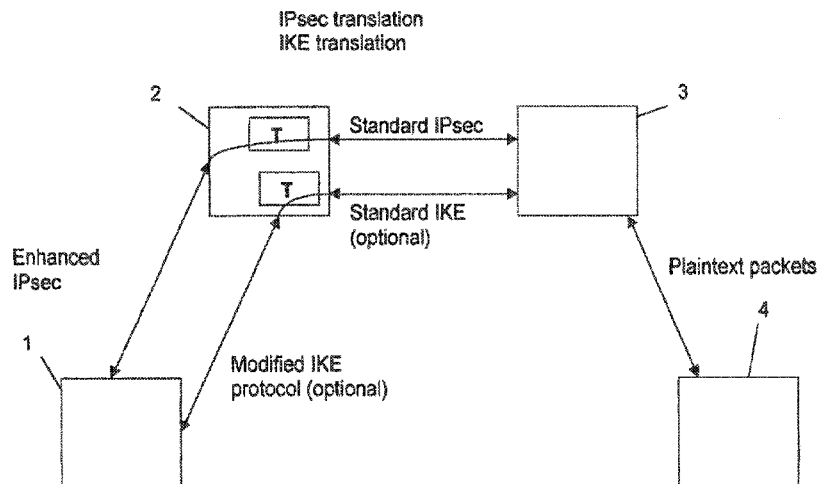
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(57) **ABSTRACT**

The method and system enable secure forwarding of a message from a first computer to a second computer via an intermediate computer in a telecommunication network. A message is formed in the first computer or in a computer that is served by the first computer, and in the latter case, sending the message to the first computer. In the first computer, a secure message is then formed by giving the message a unique identity and a destination address. The message is sent from the first computer to the intermediate computer after which the destination address and the unique identity are used to find an address to the second computer. The current destination address is substituted with the found address to the second computer, and the unique identity is substituted with another unique identity. Then the message is forwarded to the second computer.

10 Claims, 6 Drawing Sheets



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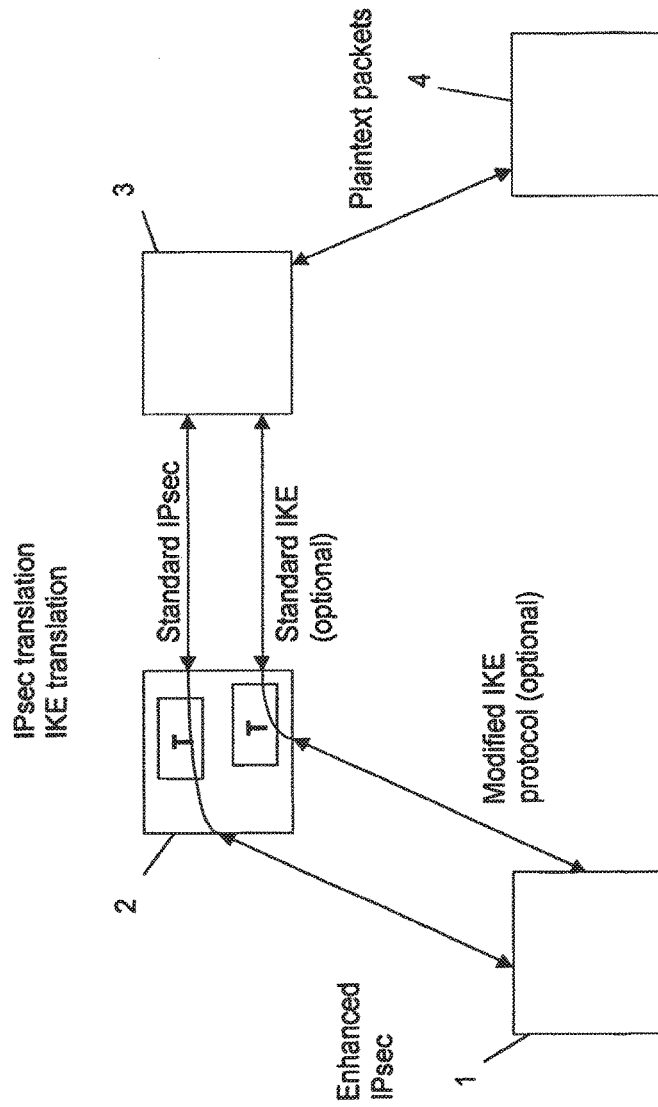


FIG. 1

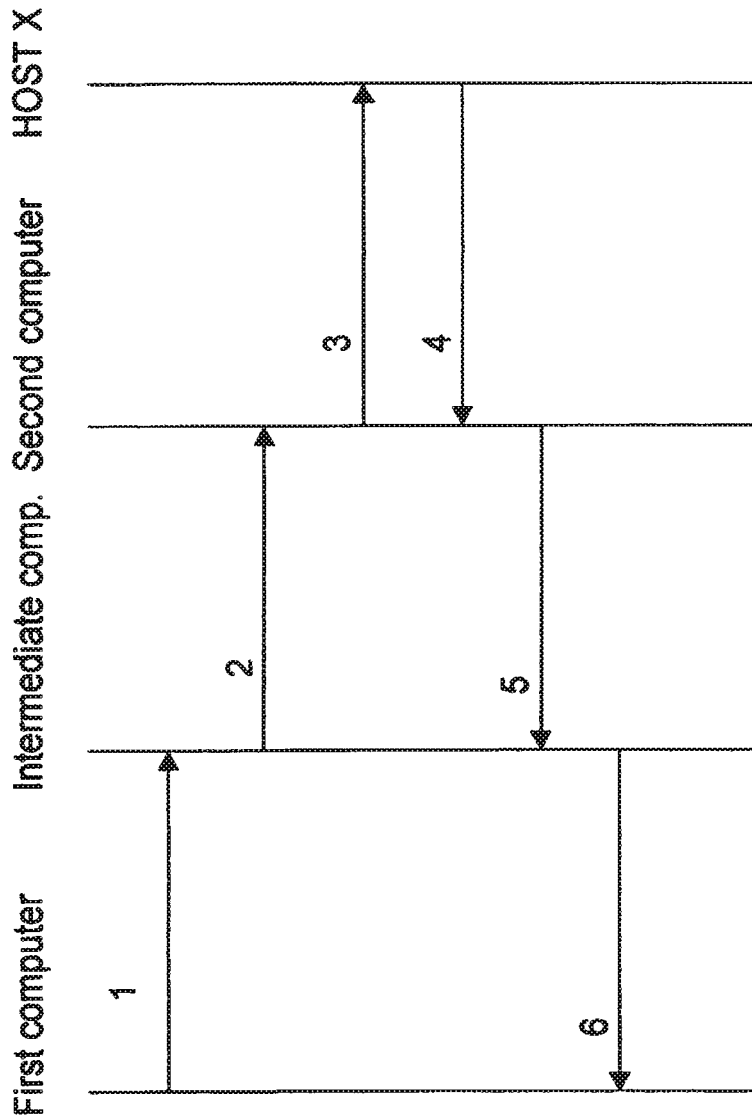


FIG. 2

c-addr-1	c-addr-2	c-SPI-1	c-SPI-2	s-addr-2	s-addr-3	s-SPI-2	s-SPI-3
195.1.2.3	212.90.65.1	0x80000001	0x12341234	212.90.65.1	103.6.5.4	0x1230012	0x56785678
...

FIG. 3

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