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**Vaarala et al.**

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(54) **METHOD AND NETWORK FOR ENSURING SECURE FORWARDING OF MESSAGES**

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(73) Assignee: **MPH Technologies OY**, Espoo (FI)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **12/560,481**

(22) Filed: **Sep. 16, 2009**

(65) **Prior Publication Data**

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**Related U.S. Application Data**

(63) Continuation of application No. 10/490,932, filed as application No. PCT/FI02/00770 on Sep. 27, 2002, now Pat. No. 7,620,810.

(30) **Foreign Application Priority Data**

Sep. 28, 2001 (FI) ..... 20011910

(51) **Int. Cl.**  
**H04L 9/00** (2006.01)

(52) **U.S. Cl.** ..... **713/153**; 713/151; 713/161; 380/247; 709/228; 370/401; 370/338; 455/436

(58) **Field of Classification Search** ..... 713/161  
See application file for complete search history.

(56) **References Cited**

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*Primary Examiner* — Nasser Moazzami

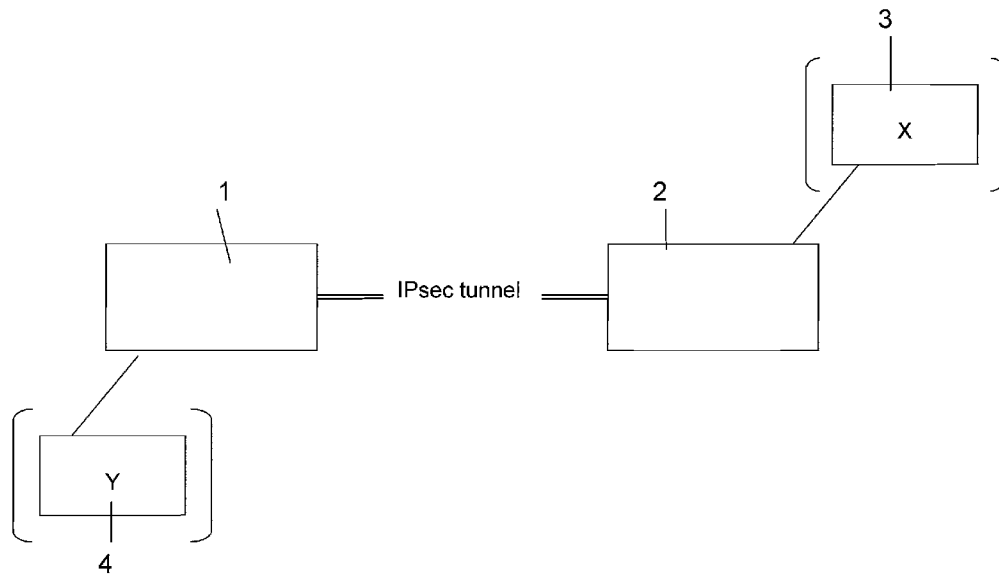
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(57) **ABSTRACT**

The method and network ensure secure forwarding of a message in a telecommunication network that has at least one first terminal and another terminal. The first terminal moves from a first address to a second address. A secure connection between the first address of the first terminal and the other terminal defining at least the addresses of the two terminals is established. When the first terminal moves from the first address to a second address, the connection is changed to be between the second address and to the other terminal by means of a request from the first terminal and preferably a reply back to the first terminal.

**9 Claims, 5 Drawing Sheets**



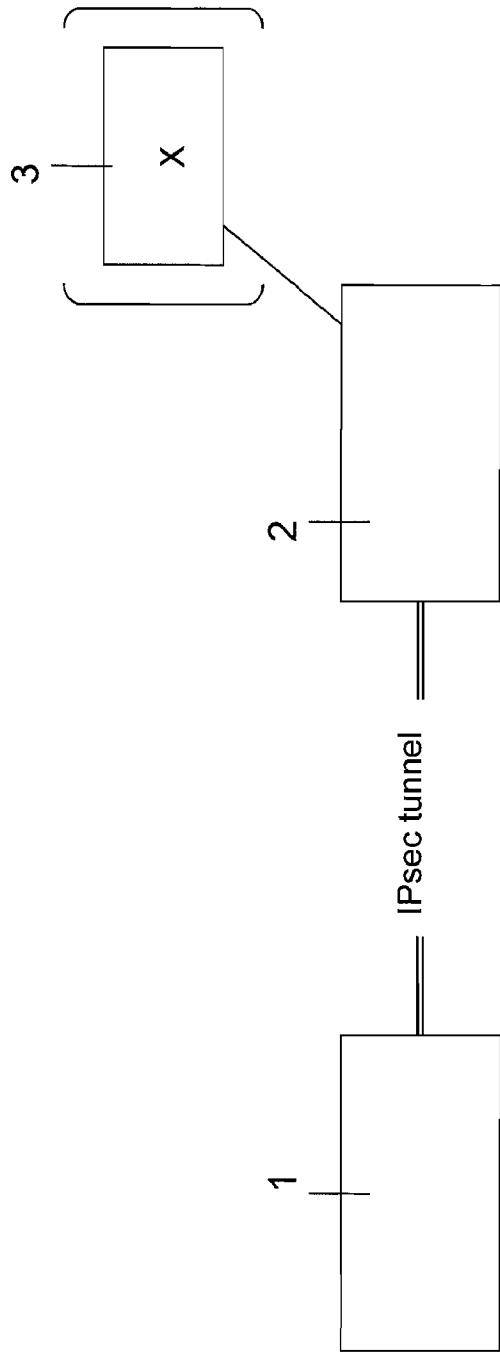


FIG. 1

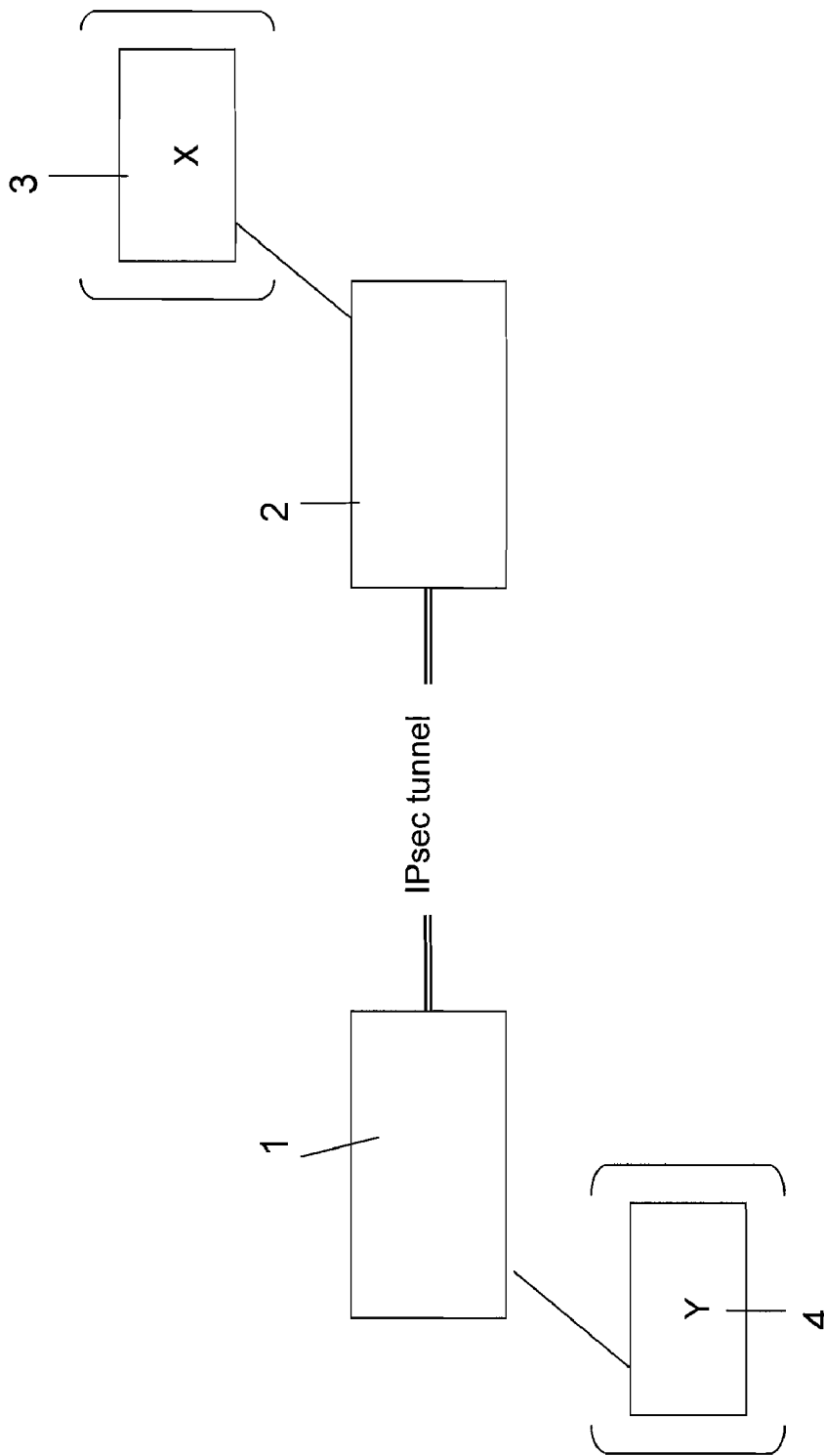


FIG. 2



FIG. 3

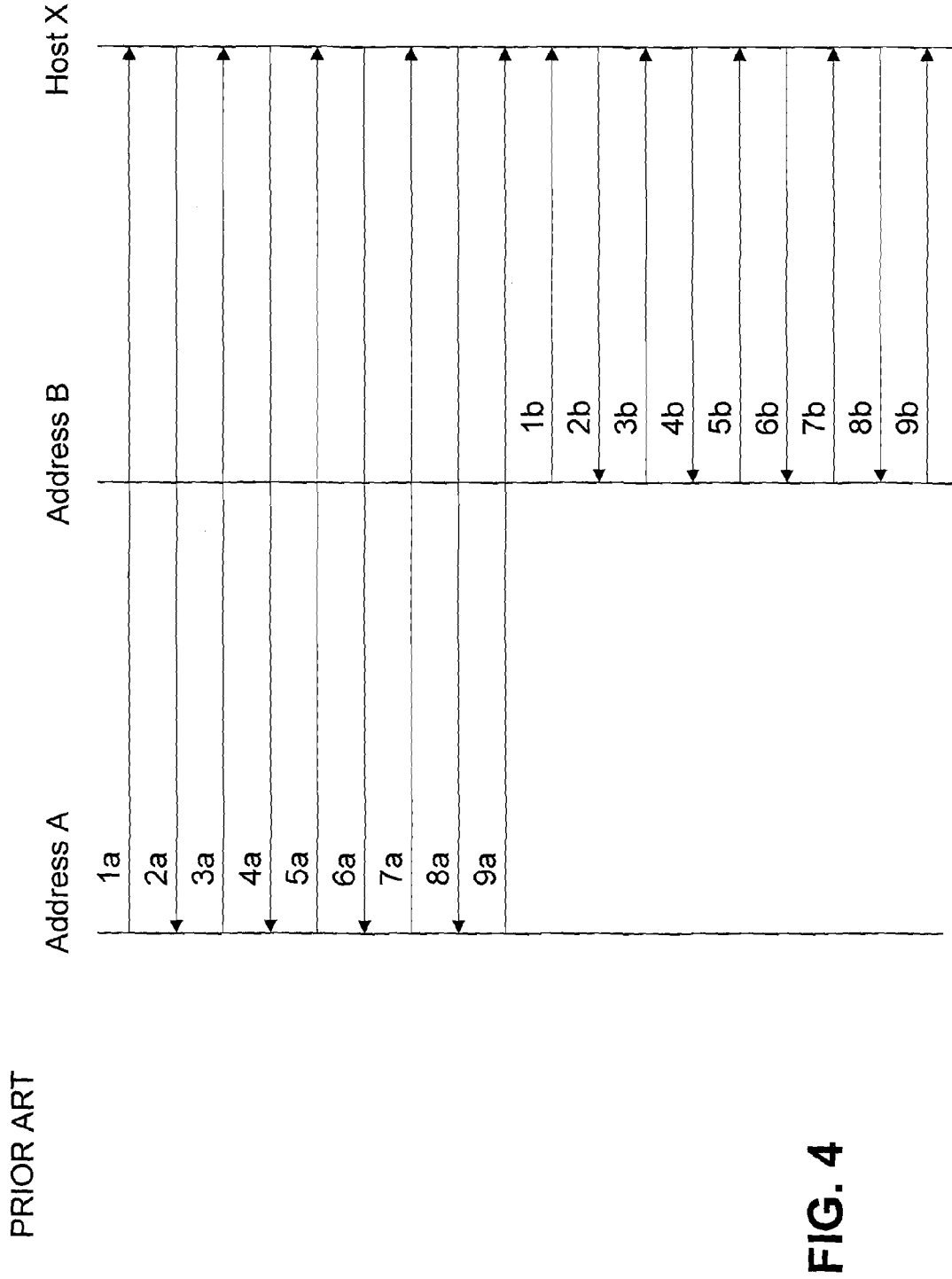


FIG. 4

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