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**Watson**

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(54) **MECHANISM FOR IMPLEMENTING VOICE OVER IP TELEPHONY BEHIND NETWORK FIREWALLS**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 36 days.

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(51) **Int. Cl.**<sup>7</sup> ..... **H04L 12/28**

(57) **ABSTRACT**

(52) **U.S. Cl.** ..... **370/401; 370/449**

(58) **Field of Search** ..... 370/351, 352, 370/353, 354, 400, 401-2, 409, 410, 411, 431, 437, 449, 450-1, 458-9, 460-3, 464-6, 469, 473, 474-5; 709/225, 226-230, 238; 713/200, 201

According to one embodiment, a network is disclosed. The network includes a first Voice Over Internet Protocol (VOIP) station a first communication medium coupled to the VOIP station a router, coupled to the first communication, that includes a network address translation (NAT) firewall, a second communication medium coupled to the router and a public proxy/gatekeeper (PPG) coupled to the second communication. The PPG masquerades un-translated NAT IP addresses received from the first VOIP station.

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**3 Claims, 8 Drawing Sheets**

