

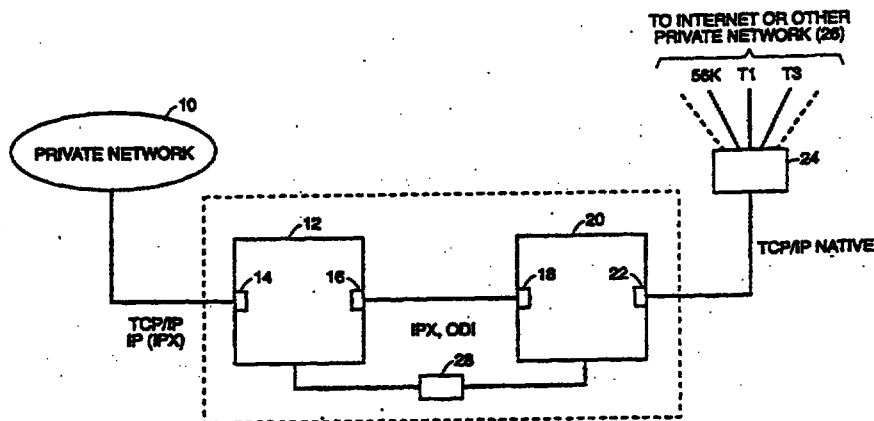


## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

|                                                                                                                  |  |                                                                                                                                                    |                                                              |
|------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| (51) International Patent Classification <sup>6</sup> :<br>H04L 13/00                                            |  | A1                                                                                                                                                 | (11) International Publication Number: <b>WO 96/18253</b>    |
|                                                                                                                  |  |                                                                                                                                                    | (43) International Publication Date: 13 June 1996 (13.06.96) |
| (21) International Application Number: <b>PCT/US95/07285</b>                                                     |  | (81) Designated States: AU, CA, CN, JP, KR, MX, RU, <b>SG</b><br>European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). |                                                              |
| (22) International Filing Date: <b>8 June 1995 (08.06.95)</b>                                                    |  |                                                                                                                                                    |                                                              |
| (30) Priority Data:<br>08/350,541 <b>7 December 1994 (07.12.94)</b> US                                           |  | Published<br>With international search report.                                                                                                     |                                                              |
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SG 9611175-2

(54) Title: SECURITY SYSTEM FOR INTERCONNECTED COMPUTER NETWORKS



## (57) Abstract

A security system for connecting a first computer network (10) to a second computer network (26) is provided. The security device has a pair of computer motherboards (12, 20), each of which has a network interface adapter (14 or 22) for receiving and transferring communications from a computer network (10) to a transfer adapter (16) to be transmitted to the other computer network (24) through a transfer adapter (18) and network interface adapter (22) provided on the other computer motherboard (20). Each motherboard (12 or 20) provides protocol translation from a first protocol to a second protocol and removes source and destination address information from communications transferred to the other computer motherboard (20). Application program interface shim software or dynamic link library software provides control of communications between the two motherboards (12, 20) for passing code necessary to request and receive services from the other computer network.

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