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| <p>(71) Applicant: TERADYNE, INC. [US/US]; 600 Riverpark Drive, North Reading, Massachusetts 01864 (US).</p> | |
| <p>(72) Inventor: KEUM, Byoung J.; 13 Wilshire Avenue, Westord, Massachusetts 01886 (US).</p> | |

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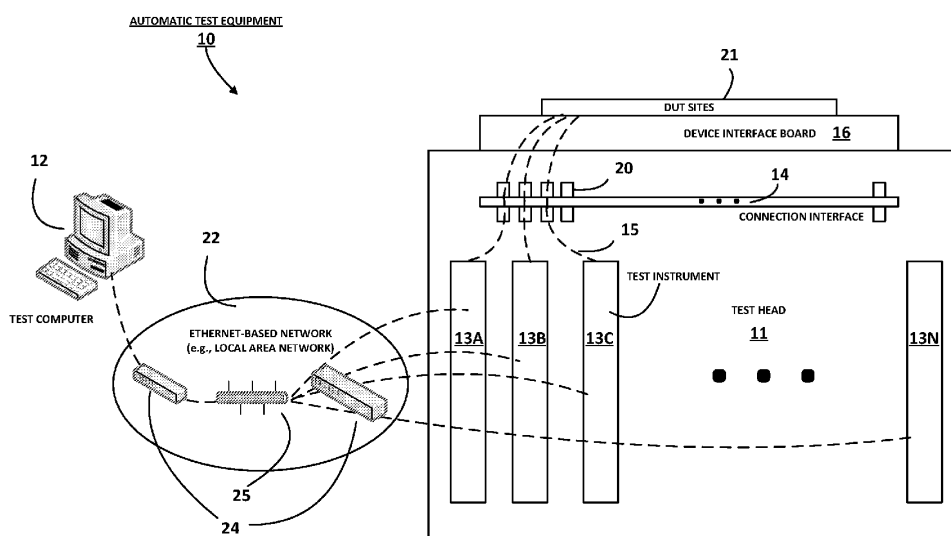


FIG. 1

(57) Abstract: An example method includes broadcasting periodically, from a computing system, control packets over a network to instrument modules, where a control packet includes data representing sequence numbers of last data packets received from the instrument modules and information based on the sequence numbers, and the control packet includes slots for all of the instrument modules, with each slot containing the data that is specific to one of the instrument modules. The example method also includes receiving, at the computing system and in response to the control packet, via unicast and over the network, an acknowledgement packet from each of the instrument modules, where the acknowledgement packet includes repair information that is based on a broadcast control packet received by the instrument module from the computing system.

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