# APPENDIX 1

**LISTING OF '012 PATENT CLAIMS UNDER REEXAMINATION**

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A listing of the patent claims of the '012 Patent currently under *ex parte* reexamination is provided below for ease of reference and review. The following Claims 1-148 are subject to *ex parte* reexamination:

1.      A method for adapting a piece of Ethernet data terminal equipment, the piece of Ethernet data terminal equipment having an Ethernet connector, the method comprising: selecting contacts of the Ethernet connector comprising a plurality of contacts, the selected contacts comprising at least one of the plurality of contacts of the Ethernet connector and at least another one of the plurality of contacts of the Ethernet connector; coupling at least one path across the selected contacts of the Ethernet connector; and associating distinguishing information about the piece of Ethernet data terminal equipment to impedance within the at least one path.

2.      The method according to claim 1 wherein the piece of Ethernet data terminal equipment is a personal computer.

3.      The method according to claim 1 wherein the associating distinguishing information about the piece of Ethernet data terminal equipment to impedance within the at least one path comprises associating identifying information about the piece of Ethernet data terminal equipment to impedance within the at least one path.

4.      The method according to claim 1 wherein the Ethernet connector comprising the plurality of contacts is an RJ45 jack comprising the contact 1 through the contact 8.

5.      The method according to claim 1 wherein the impedance within the at least one path is part of a detection protocol.

6.      The method according to claim 1 wherein the piece of Ethernet data terminal equipment is a piece of BaseT Ethernet data terminal equipment.

7.      The method according to claim 1 wherein the at least one of the plurality of contacts of the Ethernet connector comprises two of the plurality of contacts of the Ethernet connector.

8.      The method according to claim 1 wherein the at least another one of the plurality of contacts of the Ethernet connector comprises two of the plurality of contacts of the Ethernet connector.

9.      The method according to claim 1 wherein the Ethernet connector is an RJ45 jack comprising the contact 1 through the contact 8, the at least one of the plurality of contacts of the Ethernet connector comprises two of the plurality of contacts of the Ethernet connector and the two of the plurality of contacts comprise the contact 3 and the contact 6.

10.      The method according to claim 1 wherein the coupling at least one path across the selected contacts comprises coupling at least one path having at least one resistor.

11.     The method according to claim 1 wherein the coupling at least one path across the selected contacts comprises coupling two paths across the selected contacts.

12.     The method according to claim 1 wherein the coupling at least one path across the selected contacts comprises coupling two paths across the selected contacts, at least one of the two paths having a zener diode.

13.     The method according to claim 1 wherein the coupling at least one path across the selected contacts comprises coupling at least one path having a controller across the selected contacts.

14.     The method according to claim 1 wherein the Ethernet connector is an RJ45 jack comprising the contact 1 through the contact 8 and the piece of Ethernet data terminal equipment is a piece of BaseT Ethernet terminal data equipment.

15.     The method according to claim 1 wherein the Ethernet connector is an RJ45 jack comprising the contact 1 through the contact 8 and the associating distinguishing information about the piece of Ethernet data terminal equipment to impedance within the at least one path comprises associating identifying information about the piece of Ethernet data terminal equipment to impedance within the at least one path.

16.     The method according to Claim 1 wherein the associating distinguishing information about the piece of Ethernet data terminal equipment to impedance within the at least one path comprises associating identifying information about the piece of Ethernet data terminal equipment to impedance within the at least one path and the piece of Ethernet data terminal equipment is a piece of BaseT Ethernet data terminal equipment.

17.     The method according to Claim 1 wherein the Ethernet connector is an RJ45 jack comprising the contact 1 through the contact 8, the piece of Ethernet data terminal equipment is a piece of BaseT Ethernet data terminal equipment and the associating distinguishing information about the piece of Ethernet data terminal equipment to impedance within the at least one path comprises associating identifying information about the piece of Ethernet data terminal equipment to impedance within the at least one path.

18.     The method according to claim 1 wherein the associating distinguishing information about the piece of Ethernet data terminal equipment to impedance within the at least one path comprises associating distinguishing information related to an electrical aspect of the piece of Ethernet data terminal equipment to impedance within the at least one path.

19.     The method according to claim 1 wherein the associating distinguishing information about the piece of Ethernet data terminal equipment to impedance within the at least one path comprises associating distinguishing information related to a physical aspect of the piece of Ethernet data terminal equipment to impedance within the at least one path.

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