CLAIMS

1. A network cable (20) comprising wires intended to convey network electrical power, and comprising a device for visual identification of the ends of said cable, said device comprising a first electronic circuit (101) having at least one light–emitting diode (11) and a switch (12) and a second electronic circuit (102) having at least one light–emitting diode (21); characterized in that both circuits (101, 102) are connected via a conductive link (103), said conductive link comprising two or three conductor wires; the first of said electronic circuits being connected to a first conductor wire of said conductive link at one end of the cable, and the second electronic circuit being connected to a second conductor wire of said conductive link at the opposite end of said cable, said electronic circuits (101, 102) being arranged so that activation of the switch allows the network power source to power at least the light–emitting diode of the electronic circuit of opposite end.

2. The network cable (20) according to claim 1, characterized in that at least one of the electronic circuits (101) comprises a circuit (110) triggering network electrical powering able to be transferred via the cable.

3. The network cable (20) according to claim 1 or 2, characterized in that the electronic circuits (101, 102) are connected via the conductive link (103) so that the LEDs are connected in series, activation of the switch allowing the passing of power current and illumination of both diodes.

4. The network cable according to any one of the preceding claims, characterized in that the first and second electronic circuits comprise a switch (12, 22), these switches are connected to the LEDs and via activation of one or the other, allow powering of said diodes; power delivery being cut off by deactivating the activated switch.

5. The network cable according to any one of claims 1 to 3, characterized in that the first and second electronic circuits comprise a switch, these switches are connected to the LEDs to allow two–way operation, the powering thereof being

obtained by activating either switch and power delivery being cut off by deactivating either of said switches.

6. The network cable according to any one of the preceding claims, characterized in that the electronic circuits (101, 102) are incorporated in the cable or advantageously in the cable connectors.

7. The network cable according to claims 2 and 5, characterized in that the circuit (110) triggering network powering is moulded in a connector (1, 2) of the cable.

8. The network cable according to any one of the preceding claims, characterized in that the cable is a twisted pair cable provided with RJ45 connectors of which one is intended to be connected to switch–type power sourcing equipment meeting standard POE.

9. The network cable according to claim 6, characterized in that the identification device is connected to power source conductor wires n°4 and/or 5 (DC–) and n°6 and/or 7 (DC+) of the cable.

10. The network cable according to any one of the preceding claims, characterized in that the conductive link (103) connecting the two electronic circuits is housed in the cable.

11. The network cable according to any one of the preceding claims, characterized in that the conductive link (103) connecting the two circuits is housed in a sheath attached to the cable.

12. The network cable according to any one of the preceding claims, characterized in that the conductive link comprises two or three conductor wires.

13. The network cable according to any one of the preceding claims, characterized in that the cable (20) is a computer or telephone network cable.

14. The network cable according to any one of the preceding claims, characterized in that said cable is a plugging cable intended for a computer plugging bay.

15. A plugging cabinet, characterized in that it comprises computer links formed by network cables comprising a device for visual identification of cable ends according to any one of claims 1 to 11.

16. A device for visual identification of the ends of a network cable comprising wires intended to transfer network electrical power, and comprising at least one first electronic circuit (101) having at least one light–emitting diode and a switch and a second electronic circuit (102) having at least one light–emitting diode; characterized in that both circuits being connected via a conductive link; said conductive link comprising two or three conductor wires; the first of said electronic circuits being connected to a first conductor wire of said conductive link at one end of the cable, and the second electronic circuit being connected to a second conductor wire of said conductive link at the opposite end of said cable, said electronic circuits being arranged so that activation of the switch allows the network power source to power at least the light–emitting diode of the electronic circuit of opposite end.

17. The device for visual identification of the ends of a network cable according to claim 16, characterized in that at least one of the electronic circuits comprises a circuit (110) to trigger network electrical powering able to be conveyed via the cable.