# SYSTEM AND METHOD FOR ADDRESSING AND TRACING PATCH CORDS IN A DEDICATED TELECOMMUNICATIONS SYSTEM

**Abstract**

A patch cord tracing system and method for tracing patch cords in a telecommunications patching system. The system includes a plurality of tracing interface modules that attach to the patch panels in a telecommunications closet. On the patch panels in a telecommunications closet are located a plurality of connector ports that receive the terminated ends of patch cords. The tracing interface modules mount to the patch panels and provide a sensor, an LED and a tracing button to each of the connector ports. The sensor detects whenever a patch cord is connected to, or removed from, a connector port. Accordingly, by connecting a computer controller to the various sensors, the computer controller can monitor and log all changes to the patch cord interconnections in an automated fashion.

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