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(54) **ADJUSTABLE POWER SHELF SYSTEM**

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(57) **ABSTRACT**

Examples provide an adjustable power shelf system. Electrical power is supplied to a power bus running through a shelf support railing. The railing includes a slots for engaging mounting brackets on a shelf. The shelf is removably attached to the railing via the mounting brackets. The mounting bracket includes a plug with a tab sized to fit within the slots when the shelf is mounted on the railing. The tab is guided into position to engage the power bus by a guide formed within nonconducting insulation within the hollow cavity of the shelf support railing. Power flows from the power bus through the tab to wiring on or within the shelf to power peripheral devices. The shelf receives power when it is mounted to the railing and disengages the power bus when removed from the shelf railing without alteration to electrical wiring providing power to peripheral devices.