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## SAFE CONTROL POWER BY MAGNET SWITCH

HP INC

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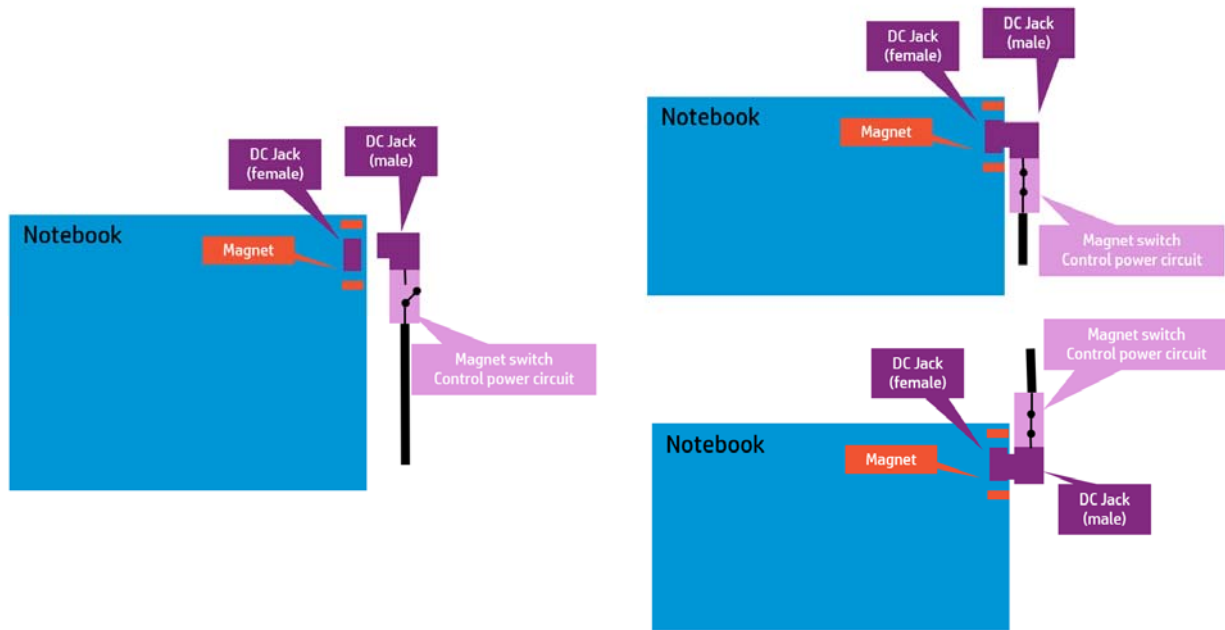
Safe control power by magnet switch

Disclosed is using a magnet switch to control the power on cable.

What has been done to date is isolate the metal/contact points on connector of cable/adopter but may have short circuit issue while foreign material touch/short those points.

This implementation can cut-off power on those metal/contact points and turn on only while attached with NB with magnet inside.

As shown in the figure, when the connector standalone, the magnet switch cut-off power. The connector plugs into the NB, the magnet switch will be enabled then the power can be delivered to the connector/contact points



*Disclosed by Chia-Tzu Huang and Arvin Wang, HP Inc.*