ADJUSTABLE SCREW TAP DESIGN ON BATTERY PACK

HP INC

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Adjustable screw tap design on Battery pack

The screw taps can be adjusted/moved to fit in different screw location in different chassis of electrical device.

Nowadays, to leverage the battery pack in different platform as much as we can is one of the cost-down options that we are requested. Somehow, it always be gated by the screw location are not the same in different platforms, thus we need to be increased the complexity of battery pack and create extra battery pack (with screw taps at different location) to fulfill each platform design requirement.

This invention is to develop a battery pack with adjustable/moveable screw taps to fit in all platform design (the assumption is the battery capacity, size, thickness is accepted by the platforms).
the key of this design is to have a common screw tap (separated part) which can be clipped/snapped on the battery plastic frame of battery pack. After attached the screw taps on frame, the screw taps can be moved to any location to fit different system design requirement. And the battery is still able to be fixed solidly like traditional design. Since no matter this design or traditional one, after we screw the battery on chassis, the battery will be fixed in X/Y/Z direction in system.

**Keys/Options:**

1. Separated common screw tap
2. Battery plastic frame w/o screw taps
3. Others are the same as traditional battery design

*Disclosure by Travis Liu, Wisdom Huang, James Pan and Charlie Ku, HP Inc.*