Pen attachment mechanism

This pen attachment mechanism uses pen holder with clip mechanism (non metal material) to mount on exist hole on PC, such as K-lock, I/O connectors. The clip of holder is elastic and can be fastened on hole/connectors by temporary deformation, the deformation magnitude will be limited after the pen is attached, that means the pen holder is fixed and can’t be taken apart until the pen is detached. The benefit of this invention is as below:

- Plastic holder, no RF performance impact.
- Mechanical snap fit engagement, high reliable.
- Attached pen locks the holder and makes the holder fix on PC tightly.

Embodiment 1: By clip mechanism

- Consist of a pair of clip, a pin and a torsion spring.
- Could be mounted in K-lock hole.
- The holder can’t be ejected once the pen is attached.
Embodiment 2: By elastic hook

- Single plastic part with flexible hook feature.
- Could be mounted in K-lock hole.
- The holder can’t be ejected once the pen is attached

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