

CLAIMS

1. A stylus device for use with a display of a computing device, the stylus device including:

a compressible member with a first end of the compressible member being for mounting to a central stem of the stylus device; and

a guide structure configured to be removably mounted to a body of the stylus device, the guide structure having an engaging portion configured to frictionally engage the compressible member as a second end of the compressible member protrudes from the guide structure;

wherein the central stem includes an elongated protuberance having a first end which aids in preventing removal of the compressible member when the guide structure is removed.

2. The stylus device of claim 1, wherein the central stem includes a threaded portion, the threaded portion being at least partially threaded into an attachment portion of the compressible member.

~~3. The stylus device of claim 1, wherein the central stem includes an elongated protuberance.~~

34. The stylus device of any one of claims 1 and 2 to ~~3~~, wherein the compressible member is of a generally cylindrical shape at a tip of the second end.

54. The stylus device of any one of claims 1 to 3 4, wherein the compressible member is made from a material selected from a group consisting of: rubber, silicon, and foam.

65. The stylus device of any one of claims 1 to 4 5, wherein the frictional engagement of the compressible member ensures rigidity of the compressible member.

76. The stylus device of any one of claims 1 to 5 6, wherein the first end of the compressible member is configured to be in contact with an inner portion of the guide structure, the first end having either a straight or tapered section arranged to engage and match the inner portion of the guide structure.

87. The stylus device of claim 67, wherein the second end of the compressible member is shaped in a form of an enlarged tapered head with a contact edge to rest against a rim of an opening of the guide structure.

98. The stylus device of any one of claims 1 to 78, wherein the display is either a capacitive or a resistive touch panel.

409. The stylus device of any one of claims 1 to 89, wherein the guide structure is mounted to the body of the stylus device using the central stem.

4410. The stylus device of any one of claims 1 to 940, wherein the second end of the compressible member protrudes from the opening by 2 mm.

4211. The stylus device of any one of claims 1 to 1044, wherein the guide structure has an opening defined by a rim, the rim being the engaging portion.

4312. The stylus device of claim 1142, wherein the rim includes a jaw for compressing a side of the compressible member.

4413. The stylus device of any one of claims 1 to 4410, wherein the guide structure has a channel for passage of the second end of the compressible member, the channel being the engaging portion.

4514. The stylus device of claim 4413, wherein the channel is configured to frictionally engage a wall of the compressible member.

~~16. A method for assembling a stylus device, the stylus device having a compressible member, a central stem and a guide structure having an engaging portion configured to frictionally engage the compressible member, the method including:~~

~~— mounting a first end of the compressible member to the central stem; —~~

~~— allowing a second end of the compressible member to protrude through the guide structure while the engaging portion frictionally engages the compressible member; and~~

~~— mounting the guide structure to a body of the stylus device.~~

~~17. The method of claim 17, wherein the frictional engagement of the compressible member ensures rigidity of the compressible member.~~

~~18. The method of either claim 17 or 18, wherein the guide structure is configured to anchor the compressible member to the central stem.~~