What is claimed is :~~CLAIMS~~

1. A method for detecting input associated with an input instrument, comprising:

receiving, at a digitizer of a computer device, a signal from the input instrument, wherein the input instrument is configured to provide pressure information that identifies a pressure value exerted on a display screen surface of the computer device from a range of pressure values, and wherein the signal received at the digitizer ~~the signal~~ lacking the pressure information;

detecting whether the signal from the input instrument exceeds a voltage threshold;

determining that the input instrument is a pressure-less input instrument based at least on detecting that the signal exceeds the voltage threshold; and

configuring the input with default pressure information based at least on determining that the input instrument is the pressure-less input instrument.

2. The method of claim 1, further comprising:

storing information associated with the pressure-less input instrument from a first time period in a memory of the computer device for use during a second time period~~subsequent session~~.

3. The method of claim 2, further comprising:

calculating a probability that the input instrument is the pressure-less input instrument based on a length of time that the signal is detected exceeding the voltage threshold.

4. The method of claim 1, wherein the pressure-less input instrument includes damaged or broken pressure sensor.

5. The method of claim 1, wherein determination that the input instrument is the pressure-less input instrument is determined without modifying a digitizer communication pen protocol.

6. The method of claim 1, wherein the signal includes an indication that the input instrument is unable to transmit the pressure information.

7. The method of claim 1, further comprising:

retrieving pressure capability information associated with the input instrument from a remote storage, wherein the pressure capability information indicates whether a pressure sensor of the input instrument is damaged or broken.

8. A computer device for detecting input associated with an input instrument, comprises:

a memory to store data and instructions; and

a processor in communication with the memory, wherein the processor is configured to execute instructions to:

receive, at a digitizer of a computer device, a signal from the input instrument, wherein the input instrument is configured to provide pressure information that identifies a pressure value exerted on a display screen surface of the computer device from a range of pressure values, and wherein the signal received at the digitizer ~~the signal~~ lacking the pressure information;

detect whether the signal from the input instrument exceeds a voltage threshold;

determine that the input instrument is a pressure-less input instrument based at least on detecting that the signal exceeds the voltage threshold; and

configure the input with default pressure information based at least on determining that the input instrument is the pressure-less input instrument.

9. The computer device of claim 8, wherein the processor is further configured to execute instructions to:

store information associated with the pressure-less input instrument from a first time period in a memory of the computer device for use during a second time period. ~~subsequent session.~~

10. The computer device of claim 8, wherein the processor is further configured to execute instructions to:

calculate a probability that the input instrument is the pressure-less input instrument based on a length of the time that the signal is detected exceeding the voltage threshold.

11. The computer device of claim 8, wherein the pressure-less input instrument includes damaged or broken pressure sensor.

12. The computer device of claim 8, wherein determination that the input instrument is the pressure-less input instrument is determined without modifying a digitizer communication pen protocol.

13. The computer device of claim 8, wherein the signal includes an indication that the stylus is unable to transmit pressure information.

14. The computer device of claim 8, wherein the processor is further configured to execute instructions to:

retrieve pressure capability information associated with the input instrument from a remote storage, wherein the pressure capability information indicates whether a pressure sensor of the input instrument is damaged or broken.

~~15. A computer-readable medium storing instructions executable by a computer device according to the methods of any of claims 1 - 7.~~

15. A non-transitory computer-readable medium storing instructions executable by a computer device for detecting input associated with an input instrument comprising instructions executable by the computer device for :

receiving, at a digitizer of a computer device, a signal from the input instrument, wherein the input instrument is configured to provide pressure information that identifies a pressure value exerted on a display screen surface of the computer device from a range of pressure values, and wherein the signal received at the digitizer lacking the pressure information;

detecting whether the signal from the input instrument exceeds a voltage threshold;

determining that the input instrument is a pressure-less input instrument based at least on detecting that the signal exceeds the voltage threshold; and

configuring the input with default pressure information based at least on determining that the input instrument is the pressure-less input instrument.

16. The non-transitory computer-readable medium of claim 15, further comprising instructions for :

storing information associated with the pressure-less input instrument from a first time period in a memory of the computer device for use during a second time period.

17. The non-transitory computer-readable medium of claim 15, further comprising instructions for :

calculating a probability that the input instrument is the pressure-less input instrument based on a length of time that the signal is detected exceeding the voltage threshold .

18. The non-transitory computer-readable medium of claim 15, wherein the pressure-less input instrument includes damaged or broken pressure sensor.

19. The non-transitory computer-readable medium of claim 15, wherein determination that the input instrument is the pressure-less input instrument is determined without modifying a digitizer communication pen protocol.

20. The non-transitory computer-readable medium of claim 15, wherein the signal includes an indication that the input instrument is unable to transmit pressure information.