Claim Mapping Table

1[pre] A method, performed by executing logic embodied by one or more computer-readable non-transitory storage media, comprising:	5[pre] A system comprising: 5[d] one or more computer-readable non-transitory storage media comprising logic that, when executed is operable to:	9[pre] One or more computer-readable non-transitory storage media comprising logic that, when executed is operable to:
1[a] sending a first set of signals to a first set of lines of a touch sensor, the first set of lines arranged along a first axis, each line of the first set of lines comprising electrodes;	5[a] a touch sensor comprising: 5[b] a first set of lines, the first set of lines arranged along a first axis, each line of the first set of lines comprising electrodes; 5[e] send a first set of signals to the first set of lines of the touch sensor;	9[a] send a first set of signals to a first set of lines of a touch sensor, the first set of lines arranged along a first axis, each line of the first set of lines comprising electrodes;
1[b] receiving a second set of signals on a second set of lines of the touch sensor in response to sending the first set of signals, the second set of lines arranged along a second axis that is different than the first axis, each line of the second set of lines comprising electrodes, the second set of lines capacitively coupled to the first set of lines;	5[c] a second set of lines, the second set of lines arranged along a second axis that is different than the first axis, each line of the second set of lines comprising electrodes, the second set of lines capacitively coupled to the first set of lines; and 5[f] receive a second set of signals on the second set of lines of the touch sensor in response to sending the first set of signals;	9[b] receive a second set of signals on a second set of lines of the touch sensor in response to sending the first set of signals, the second set of lines arranged along a second axis that is different than the first axis, each line of the second set of lines comprising electrodes, the second set of lines capacitively coupled to the first set of lines;
1[c] in response to receiving the second set of signals, measuring the second set of signals to determine a second set of measured values corresponding to the second set of signals;	5[g] in response to receiving the second set of signals, measure the second set of signals to determine a second set of measured values corresponding to the second set of signals;	9[c] in response to receiving the second set of signals, measure the second set of signals to determine a second set of measured values corresponding to the second set of signals;
1[d] storing the second set of measured values corresponding to the second set of signals;	5[h] store the second set of measured values corresponding to the second set of signals;	9[d] store the second set of measured values corresponding to the second set of signals;

1[e] sending a third set of signals to the first set of lines;	5[i] send a third set of signals to the first set of lines;	9[e] send a third set of signals to the first set of lines;
1[f] determining, after sending the third set of signals to the first set of lines, a fourth set of signals by measuring the first set of lines that received the third set of signals;	5[j] determine, after sending the third set of signals to the first set of lines, a fourth set of signals by measuring the first set of lines that received the third set of signals;	9[f] determine, after sending the third set of signals to the first set of lines, a fourth set of signals by measuring the first set of lines that received the third set of signals;
1[g] in response to measuring the fourth set of signals, determining a fourth set of measured values corresponding to the fourth set of signals;	5[k] in response to measuring the fourth set of signals, determining a fourth set of measured values corresponding to the fourth set of signals;	9[g] in response to measuring the fourth set of signals, determining a fourth set of measured values corresponding to the fourth set of signals;
1[h] storing the fourth set of measured values corresponding to the fourth set of signals;	5[l] store the fourth set of measured values corresponding to the fourth set of signals;	9[h] store the fourth set of measured values corresponding to the fourth set of signals;
1[i] determining a fifth set of signals by compensating the second set of signals based on the fourth set of signals, wherein determining the fifth set of signals comprises adjusting the second set of measured values corresponding to the second set of signals with the fourth set of measured values corresponding to the fourth set of signals; and	5[m] determine a fifth set of signals by compensating the second set of signals based on the fourth set of signals, wherein determining the fifth set of signals comprises adjusting the second set of measured values corresponding to the second set of signals with the fourth set of measured values corresponding to the fourth set of signals; and	9[i] determine a fifth set of signals by compensating the second set of signals based on the fourth set of signals, wherein determining the fifth set of signals comprises adjusting the second set of measured values corresponding to the second set of signals with the fourth set of measured values corresponding to the fourth set of signals; and
1[j] determining whether a touch occurred based on the fifth set of signals.	5[n] determine whether a touch occurred based on the fifth set of signals.	determine whether a touch occurred based on the fifth set of signals.
2[a] The method of claim 1 wherein determining the fifth set of signals by compensating the second set of signals based on the fourth set of signals comprises compensating for retransmission in the first set of lines.	6[a] The system of claim 5 wherein the logic is operable to determine the fifth set of signals by compensating the second set of signals based on the fourth set of signals comprises compensating for retransmission in the first set of lines.	10[a] The media of claim 9 wherein the logic is operable to determine the fifth set of signals by compensating the second set of signals based on the fourth set of signals comprises compensating for retransmission in the first set of lines.

Claim Mapping Table

3[a] The method of claim 1, further comprising: comparing the fourth set of signals to a threshold;	7[a] The system of claim 5, wherein: the logic is further operable to: compare the fourth set of signals to a threshold;	11[a] The media of claim 9, wherein: the logic is further operable to: compare the fourth set of signals to a threshold;
3[b] based on comparing the fourth set of signals to the threshold, determining to compensate the second set of signals; and	7[b] based on comparing the fourth set of signals to the threshold, determining to compensate the second set of signals; and	11[b] based on comparing the fourth set of signals to the threshold, determining to compensate the second set of signals; and
3[c] wherein determining the fifth set of signals by compensating the second set of signals based on the fourth set of signals comprises distributing a charge measurement associated with the fourth set of signals to the second set of signals.	7[c] wherein determining the fifth set of signals by compensating the second set of signals based on the fourth set of signals comprises distributing a charge measurement associated with the fourth set of signals to the second set of signals.	11[c] wherein determining the fifth set of signals by compensating the second set of signals based on the fourth set of signals comprises distributing a charge measurement associated with the fourth set of signals to the second set of signals.
4[a] The method of claim 1, wherein sending the third set of signals to the first set of lines and determining the fourth set of signals occurs after sending the first set of signals to the first set of lines and receiving the second set of signals.	8[a] The system of claim 5, wherein: the logic is further operable to: send the third set of signals to the first set of lines and determining the fourth set of signals occurs after sending the first set of signals to the first set of lines and receiving the second set of signals.	12[a] The media of claim 9, wherein: the logic is further operable to: send the third set of signals to the first set of lines and determining the fourth set of signals occurs after sending the first set of signals to the first set of lines and receiving the second set of signals.