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;



Claim Mapping Table

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



Claim Mapping Table

3[a] The method of claim 1,	7[a] The system of claim 5,	11[a] The media of claim 9,
further comprising:	wherein: the logic is further	wherein: the logic is further
comparing the fourth set of	operable to: compare the	operable to: compare the
signals to a threshold;	fourth set of signals to a	fourth set of signals to a
	threshold;	threshold;
3[b] based on comparing the	7[b] based on comparing the	11[b] based on comparing the
fourth set of signals to the	fourth set of signals to the	fourth set of signals to the
threshold, determining to	threshold, determining to	threshold, determining to
compensate the second set of	compensate the second set of	compensate the second set of
signals; and	signals; and	signals; and
3[c] wherein determining the	7[c] wherein determining the	11[c] wherein determining
fifth set of signals by	fifth set of signals by	the fifth set of signals by
compensating the second set	compensating the second set	compensating the second set
of signals based on the fourth	of signals based on the fourth	of signals based on the fourth
set of signals comprises	set of signals comprises	set of signals comprises
distributing a charge	distributing a charge	distributing a charge
measurement associated with	measurement associated with	measurement associated with
the fourth set of signals to the	the fourth set of signals to the	the fourth set of signals to the
second set of signals.	second set of signals.	second set of signals.
4[a] The method of claim 1,	8[a] The system of claim 5,	12[a] The media of claim 9,
wherein sending the third set	wherein: the logic is further	wherein: the logic is further
of signals to the first set of	operable to: send the third set	operable to: send the third set
lines and determining the	of signals to the first set of	of signals to the first set of
fourth set of signals occurs	lines and determining the	lines and determining the
after sending the first set of	fourth set of signals occurs	fourth set of signals occurs
signals to the first set of lines	after sending the first set of	after sending the first set of
and receiving the second set	signals to the first set of lines	signals to the first set of lines
of signals.	and receiving the second set	and receiving the second set
<i>6</i>	of signals.	of signals.

