dynamically reconfigure the at least one of the size or shape of the selected portion of pixels to the at least one of the respective different size or shape based on the determined parameter.

23. The device of claim **22**, wherein the determined parameter includes at least one of a distance of the object from the device, a velocity of the object perpendicular to the device, a velocity of the object parallel to the device, and a direction of motion of the object with respect to the device.

24. The device of claim **22**, the capacitive sensing pixels formed within a capacitive sensing panel.

25. The device of claim **24**, wherein the capacitive sensing panel is a single-touch sensing panel, a multi-touch sensing panel, a near field proximity sensing panel, a far field proximity sensing panel, or a combination thereof.

26. A multi-touch sensor panel comprising:

a plurality of touch pixels; and

a region having at least one of a dynamically reconfigurable size or shape of touch pixels, the at least one of the size or shape being correlated with at least one characteristic of an object detectable by the panel.

27. The panel of claim **26**, the panel further comprising:

a plurality of drive lines and a plurality of sense lines, an intersection of a drive line and a sense line defining a touch pixel.

28. The panel of claim **27**, wherein the plurality of drive lines are laid in rows on the panel and the plurality of sense lines are laid in columns on the panel,

a group of the drive lines being interconnected,

a group of the sense lines being interconnected, and

the touch pixels defined by the groups being interconnected to form a composite touch pixel, the composite touch pixel providing the region having the at least one of the size or shape.

29. The panel of claim **27**, wherein the plurality of drive lines are laid in rows on the panel and the plurality of sense lines are laid in columns on the panel,

a first group of the sense lines being interconnected, and

a second group of the sense lines being interconnected,

the touch pixels defined by the groups being interconnected to form a composite touch pixel, the composite touch pixel providing the region having the at least one of the size and shape.

30. The panel of claim **26**, the panel further comprising:

a plurality of electrodes, an electrode defining a touch pixel.

31. The panel of claim **30**, wherein the plurality of electrodes are laid in an array, the electrodes in the region being interconnected column-wise to form a composite electrode defining a composite touch pixel.

32. The panel of claim **30**, wherein the plurality of electrodes are laid in an array, the electrodes in the region being interconnected row-wise to form a composite electrode defining a composite touch pixel.

33. The panel of claim **30**, wherein the plurality of electrodes are laid in an array, the electrodes in the region being interconnected both column-wise and row-wise to form a composite loop electrode defining a composite touch pixel.

34. The panel of claim **26**, the panel incorporated within a computing system.

35. A mobile telephone, comprising:

a capacitive sensing panel comprising a plurality of capacitive sensing pixels placed along the panel at a predetermined initial size and shape;

a CPU connected to the panel; and

a memory comprising a software executable at the CPU, the software being configured to cause the CPU to

responsive to an object sensed by the panel, identify the portion of the panel that sensed the object, the portion including the entire panel or any portion thereof,

calculate a parameter associated with the object, and

dynamically reconfigure at least one of the size or shape of the pixels in at least the identified portion of the panel based on the calculated parameter.

36. An audio player, comprising:

a capacitive sensing panel comprising a plurality of capacitive sensing pixels placed along the panel at a predetermined initial size and shape;

a CPU connected to the panel; and

a memory comprising a software executable at the CPU, the software being configured to cause the CPU to

responsive to an object sensed by the panel, identify the portion of the panel that sensed the object, the portion including the entire panel or any portion thereof,

calculate a parameter associated with the object, and

dynamically reconfigure at least one of the size or shape of the pixels in at least the identified portion of the panel based on the calculated parameter.

37. A computer, comprising:

a capacitive sensing panel comprising a plurality of capacitive sensing pixels placed along the panel at a predetermined initial size and shape;

a CPU connected to the panel; and

a memory comprising a software executable at the CPU, the software being configured to cause the CPU to

responsive to an object sensed by the panel, identify the portion of the panel that sensed the object, the portion including the entire panel or any portion thereof,

calculate a parameter associated with the object, and

dynamically reconfigure at least one of the size or shape of the pixels in at least the identified portion of the panel based on the calculated parameter.

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