

29. The touch sensitive layer of claim **28**, wherein the electrical property detected by the processor is the resistance between the first and second set of conductors.

30. The touch sensitive layer of claim **28**, wherein the processor detects a property of the user input provided at a deformed particular region of the surface selected from the group consisting of: degree of inward deformation, speed of inward deformation, and direction of inward deformation.

31. The touch sensitive layer of claim **27**, further comprising a second volume of fluid arranged between the first and second layers outside of the sealed fluid vessel.

32. The touch sensitive layer of claim **31** wherein the second volume of fluid is substantially optically similar to the volume of fluid contained within the sealed fluid vessel.

33. The touch sensitive layer of claim **27**, wherein the spacers include an upper spacer mounted to the first layer and a lower spacer mounted to the second layer, and wherein the upper portion and the lower portion are in substantial contact to maintain a distance between the first and second layers.

34. The touch sensitive layer of claim **27**, wherein the processor detects the location of the user touch based on the

electrical property detected between different portions of the first and second sets of conductors.

35. The touch sensitive layer of claim **27**, wherein a portion of the fluid vessel is defined within the second conductive layer.

36. The touch sensitive layer of claim **27**, wherein the fluid vessel includes a portion that is fluidly coupled to the displacement device.

37. The touch sensitive layer of claim **27**, wherein the seal includes a plurality of spacers that are bonded to the first layer and to the second layer.

38. The touch sensitive layer of claim **27**, wherein a portion of the plurality of spacers is arranged within the fluid vessel.

39. The touch sensitive layer of claim **27**, further comprising a display arranged substantially underneath the surface that outputs images to the user.

40. The touch sensitive layer of claim **39**, wherein the volume of fluid cooperates with the first and second layers, the first and second sets of conductors, and the plurality of spacers to allow light to transmit an image through the first and second conductive layer.

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