

**23.** The device of claim 22 wherein the area occupied by the display comprises a small fraction of the total area of the flexible surface.

**24.** The device of claim 23 wherein the flexible surface comprises a chip card.

**25.** The device of claim 23 wherein the substrate comprises a brittle material.

**26.** The device of claim 25 wherein the support lid comprises a material more ductile and stiff than the substrate.

**27.** The device of claim 26 wherein the device comprises a thickness of less than 0.6 mm.

**28.** The device of claim 26 wherein the lid comprises different shapes.

**29.** The device of claim 1 wherein the substrate comprises a brittle material.

**30.** The device of claim 29 wherein the support lid comprises a material more ductile and stiff than the substrate.

**31.** The device of claim 30 wherein the lid material comprises metal.

**32.** The device of claim 31 wherein the device comprises a thickness of less than 0.6 mm.

**33.** The device of claim 32 wherein the lid comprises different shapes.

**34.** A device comprising:

a substrate including a device region;

a lid on the substrate, the lid encapsulating the device; and

a reinforcement layer on the lid, reducing the device's susceptibility to breakage.

**35.** The device of claim 34 wherein the device comprises an OLED device.

**36.** The device of claim 35 wherein the device is integrated into a flexible surface.

**37.** The device of claim 36 wherein the area occupied by the display comprises a small fraction of the total area of the flexible surface.

**38.** The device of claim 37 wherein the flexible surface comprises a chip card.

**39.** The device of claim 37 wherein the substrate comprises a brittle material.

**40.** The device of claim 39 wherein the reinforcement layer comprises a material more ductile and stiff than the substrate.

**41.** The device of claim 40 wherein the reinforcement layer comprises different shapes.

**42.** The device of claim 41 wherein the reinforcement layer comprises a thin and flat shape.

**43.** The device of claim 42 wherein the reinforcement layer comprises a shape that extends the outer dimensions of the substrate.

**44.** The device of claim 43 wherein the reinforcement layer comprises a round shape.

**45.** The device of claim 43 wherein the reinforcement layer comprises a wedge shape.

**46.** The device of claim 34 wherein the device is integrated into a flexible surface.

**47.** The device of claim 46 wherein the area occupied by the display comprises a small fraction of the total area of the flexible surface.

**48.** The device of claim 47 wherein the flexible surface comprises a chip card.

**49.** The device of claim 48 wherein the reinforcement layer comprises a material more ductile and stiff than the substrate.

**50.** A device comprising:

a substrate including a device region;

isolation pillars formed on the substrate, the pillars supporting layers above them and isolating cathode materials; and

a support lid on the substrate, the lid encapsulating the device and reducing the substrate's susceptibility to breakage.

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