

ABSTRACT

GLASS PANEL RECONFIGURABLE WALL PANELS

5 Reinforced panels include a layer of glass joined to a substrate to support the
glass. Connectors are joined to the side of the substrate opposite the glass to enable
the reinforced panel to be configured with and/or attached to a modular wall system.
The glass can be backpainted prior to joining to the substrate, and/or a film can be
included in the reinforced tile disposed between the glass panel and the substrate. A
10 reinforced panel includes a conductive material disposed between a glass layer and a
substrate to form a touch-responsive section. One or more intermediate layers
disposed between the glass layer and the substrate are included. The one or more
intermediate layers have sufficient elastic deformability so as to enable the reinforced
panel to tolerate differences in thermal expansion between the substrate and the glass
15 layer without resulting in cracking of the glass layer.

(Figure 1)