

CLAIMS

What is claimed is:

1. A functional wall module for at least partially forming an individual space in a building and for positioning and selectively repositioning one or more objects within the individual space, the functional wall module comprising:
 - a frame comprising a plurality of frame supports, the frame defining an interior space;
 - an interior support disposed within the interior space and connected to at least one of the plurality of frame supports;
 - a bracket associated with the interior support, the bracket comprising one or more bracket arms extending away from the interior space and from the frame, wherein the bracket arms are configured to support or couple to one or more movable platforms; and
 - a positioning mechanism positioned within the interior space and connected to the bracket, wherein the positioning mechanism is operable to selectively reposition the bracket.
2. The functional wall module as recited in claim 1, further comprising at least one panel connected to the frame in a manner that at least partially conceals the interior space.
3. The functional wall module as recited in claim 2, wherein the at least one panel comprises one or more bracket slots aligned with the one or more bracket arms such that at least a portion of the one or more bracket arms extends through the one or more bracket slots.
4. The functional wall module as recited in claim 3, wherein at least one of the one or more bracket slots is elongate and disposed about a path that one of the one or more bracket arms is configured to transit during repositioning of the bracket by the positioning mechanism.
5. The functional wall module of claim 1, wherein the one or more interior supports comprises one or more interior vertical supports or one or more interior horizontal supports disposed within the interior space and connected to at least one of the plurality of frame supports.
6. The functional wall module of claim 1, wherein the bracket arms further comprise one or more attachment surfaces.
7. The functional wall module of claim 6, wherein the bracket arms are configured to support or couple to the one or more movable platforms via the one or more attachment surfaces.
8. The functional wall module of claim 7, wherein the one or more attachment surfaces comprise one or more of a horizontal attachment surface, a vertical attachment surface, or a movable platform attachment surface.

9. The functional wall module of claim 1, wherein the bracket comprises a lower bracket arm and an upper bracket arm.
10. The functional wall module of claim 9, wherein each of the lower bracket arm and the upper bracket arm further comprise a vertical attachment surface and one or more of a horizontal attachment surface or a movable receptacle attachment surface.
11. The functional wall module of claim 10, wherein the movable platform comprises one or more of a shelf, a cabinet, a work surface, or a monitor.
12. The functional wall module of claim 1, wherein the interior support further comprises a guide member operable to stabilize the bracket.
13. The functional wall module of claim 12, wherein the guide member further comprises a track and wherein the bracket is associated with one or more roller bearings or wheels configured to roll within the track.
14. A modular wall for creating an individual space and positioning and repositioning one or more objects within the individual space, the modular wall comprising:
- one or more wall modules selectively and detachably connected together, the one or more wall modules including a functional wall module comprising:
 - a frame defining an interior space of the functional wall module;
 - a positioning mechanism disposed within the interior space;
 - a bracket associated with the positioning mechanism and comprising a lower bracket arm and an upper bracket arm, wherein each of the lower bracket arm and the upper bracket arm extend away from the interior space and from the frame, and wherein the positioning mechanism is operable to reposition the bracket;
 - a first movable platform connected to the lower bracket arm; and
 - a second movable platform connected to the upper bracket arm.
15. The modular wall as recited in claim 14, wherein the upper and lower bracket arms are fixedly associated with the bracket such that the upper and lower bracket arms remain equidistant during repositioning of the bracket.
16. The modular wall as recited in claim 15, further comprising a panel connected to the frame, the panel comprising one or more bracket slots, wherein the one or more bracket slots are sized and shaped to permit at least a portion of the upper and lower bracket arms to transit the bracket slots during repositioning of the bracket.
17. The modular wall as recited in claim 16, wherein the first movable platform comprises a work surface, and wherein the second movable platform comprises a cabinet.

18. The modular wall as recited in claim 14, wherein the functional wall module additionally comprises:

a second positioning mechanism disposed within the interior space; and

a second bracket associated with the second positioning mechanism and comprising a second lower bracket arm and a second upper bracket arm,

wherein each of the second lower bracket arm and the second upper bracket arm are substantially aligned with and parallel to the lower bracket arm and the upper bracket arm, respectively,

wherein the first movable platform is additionally connected to the second lower bracket arm, and

wherein the second movable platform is additionally connected to the second upper bracket arm.

19. The modular wall as recited in claim 18, wherein the second positioning mechanism is operable to reposition the second bracket concurrently with repositioning of the bracket by the positioning mechanism.

20. A reconfigurable individual space including a system for positioning and repositioning one or more objects therein, the individual space comprising:

a first modular wall;

a second modular wall detachably connected to the first modular wall, the second modular wall including one or more functional wall modules comprising:

a frame defining an interior space of the functional wall module;

one or more positioning mechanisms disposed within the interior space;

two or more brackets associated with the one or more positioning mechanisms, wherein each of the two or more brackets comprises at least one bracket arm extending away from the interior space and from the frame, and wherein the one or more positioning mechanisms are operable to dependently or independently reposition the two or more brackets;

at least one movable platform connected to one or more of the two or more brackets lower bracket arm; and

a controller in electrical communication with the one or more positioning mechanisms, the controller comprising one or more buttons or input switches operable to receive movement instructions for the one or more positioning mechanisms.