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(54) Title: HIGH DENSITY STORAGE FACILITY

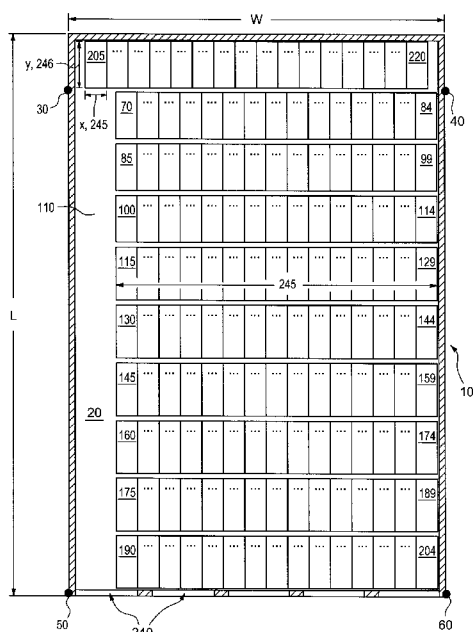


FIG. 3

(57) Abstract: A high density storage facility including a plurality of rows of independently movable carriage racks, each row having a plurality of the independently movable carriage racks. Each carriage rack has a height, a length and a width, and defines a plurality of tiers, each tier defining at least one storage slot, the slots extending substantially the length of the carriage racks and being substantially open and accessible for inserting and removing objects into and from the width ends of the carriage racks. The carriage racks are disposed within the floor area and are independently movable along the floor in a direction consistent with the width of the floor area.