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(54) Title: TRANSFERRING CONTAINERS IN STORAGE SYSTEM

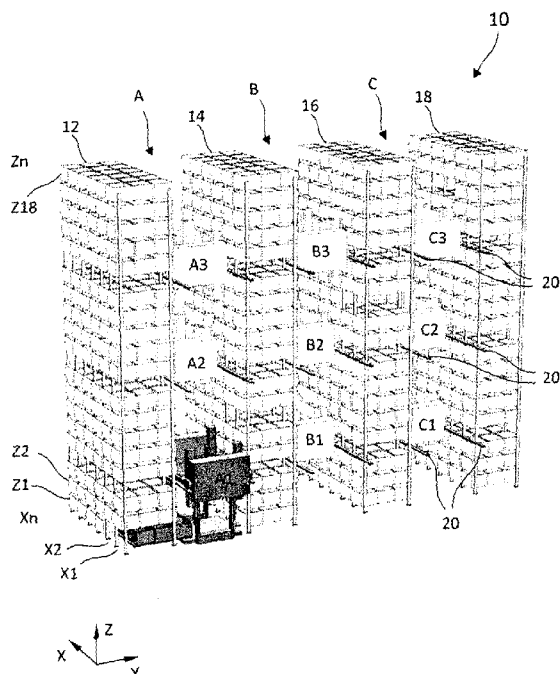


Fig.1

(57) Abstract: A storage system having first and second storage sections, each configured for storing containers arranged in multiple rows at various horizontal levels with respect to ground. A group of transportation devices is configured for moving in a horizontal direction along corresponding pairs of rails arranged at multiple horizontal levels in a passage between the first storage section and the second storage section so as to have access to the containers arranged in both the first and second storage sections. Each transportation device movable along a corresponding pair of rails is configured to include a container access mechanism movable up and down with respect to the corresponding pair of rails so as to handle one or more containers stored in a row above and below the corresponding pair of rails.



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