

A VERTICAL FARMING ASSEMBLY AND A METHOD OF LOADING SEEDLINGS ONTO THE SAME

ABSTRACT OF THE DISCLOSURE

A vertical farming assembly is disclosed. The farming assembly comprises a plurality
5 of vertical frames and horizontal frames forming into rack structure with a plurality of
shelves; a plurality of rollers forming into a conveyor system for holding a plurality of
trays containing seedlings; a lighting system being formed on each shelf for the
cultivation of seedling; and a trackless robot which navigates within the cultivation
area and harvesting area to deliver matured plants and to upload the trays onto the
10 shelves of the vertical farming assembly. A method of loading seedlings onto the
vertical farming assembly is also disclosed.

(FIG. 1)