

ABSTRACT

5 ROTATING MULTI-TIER RACK SYSTEM FOR AGRI/HORTI CULTURAL USE

A rotating multi-tier rack system for agricultural and horticultural use has a first and second vertical metal support, mounted on the ground at one end and spaced apart; a horizontal beam connected to the top of
10 the first and second vertical metal support. The system has a circular first roller chain along the inner web of the first vertical metal support and a circular second roller chain along the inner web of the second vertical metal support. A plurality of racks has attachment means to the first and second roller chains, the racks being suspended
15 horizontally. Portable planting beds are laid on the racks, the racks rotated upwards or downwards for maintenance, watering, dosing of fertilizers, exposure to sunshine and harvesting of the agriculture or horticulture produce grown on these portable planting beds.

20 A motor is provided to drive the roller chains so as to rotate the racks.

FIGURE 1

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