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(54) Title: CAROUSEL FOR MODULAR BIOLOGIC PRODUCTION UNITS

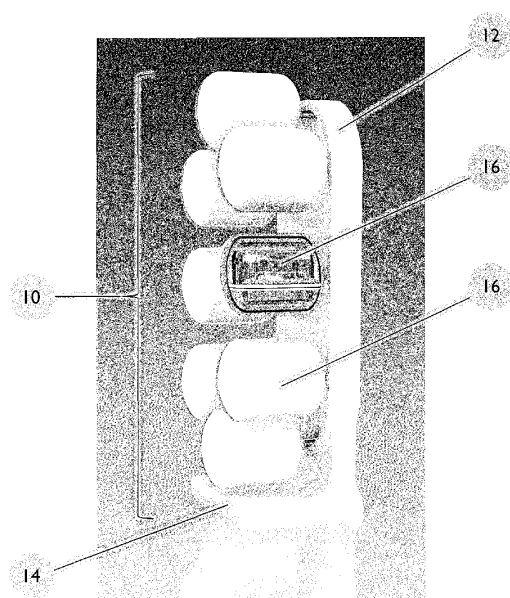


Figure 1

(57) Abstract: An automated carousel and system configured for translationally moving a plurality of biological production units in unison along a vertical frame while maintaining a precise alignment of each of the biological production units relative to gravity, and simultaneously providing independent dynamic adjustment of the axial orientation of each of the plurality of biological production units relative to gravity. The automated carousel may be adapted for use with a variety of biological production units supporting cell culture and/or tissue engineering systems in various clinical and laboratory settings and provides for ergonomic use thereof.

WO 2020/124231 A1

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