**The v-Hive Green Box**

**UA ID** Technology #ua17-250

**Title:** The V-Hive Green Box

**Invention:** This invention maximizes plant cultivation efficiency through vertical modular units.

**Background:** Concerns about excessive land use and a desire for locally-grown food present an opportunity for innovative solutions. Indoor farming allows greater control of variables to optimize processes and grow food that may be unsuited for ambient conditions. The Vertical-Hive Green Box (V-Hive Green Box) effectively applies these concepts in a vertical modular system. This complements existing practices and incorporates available space in an efficient and sustainable way.

**Applications:**
- Urban agriculture
- Revitalize underutilized buildings

**Advantages:**
- Modular system easily adapts to variety of sites
- Complementary to other forms of structural use
- Concept is universally transferrable, independent of external growing conditions

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