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(57) Abstract :

A modular apparatus in the field of garment care utilizes a central hub composed of a semi-translucent, bamboo fiber composite seed pod integrated with a low-wattage positive temperature coefficient ceramic heater, airflow fan, ventilation grills, and micro LED bead lighting, with concealed wiring and slider switches for independent control. Fractal-inspired asymmetrical branching arms constructed from recycled ocean-plastic polymer with internal steel-aluminum reinforcement provide garment suspension surfaces and airflow channels, while a modular garment hanger system aids multi-directional drying. The auto-articulating leg assembly featuring 360-degree swivel wheels accommodates uneven floors, and a dedicated connector power system including an inverter ensures power stability. The integrated design promotes efficient thermal drying, ventilation, ambient lighting, and automated leveling for enhanced indoor garment care.

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