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(54) Title: INTEGRALLY FORMED BAKE PLATE UNIT FOR USE IN WAFER FABRICATION SYSTEM

(57) Abstract: A bake plate is integrally formed from a copper disk whose lower surface defines a desired heater element channel pattern that is filled with electrically conductive resistive material. Copper contamination is prevented by coating the structure. The channel pattern and fill material may be tailored to optimize thermal uniformity across the bake plate surface, and to produce a bake plate that may be mass produced with substantially uniform and repeatable thermal characteristics.