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(71) Applicant: SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC [US/US]; 5701 N. Pima Road, Scottsdale, Arizona 85250 (US).

(72) Inventor: MEDINA, Joel; #49 East Bayan Park Aurora Hill, Baguio City, 2600 (PH).

(74) Agent: LEIJA, Javier M.; onsemi, 5701 N. Pima Road, Scottsdale, Arizona 85250 (US).

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(54) Title: ELECTROPLATING SYSTEMS AND METHODS

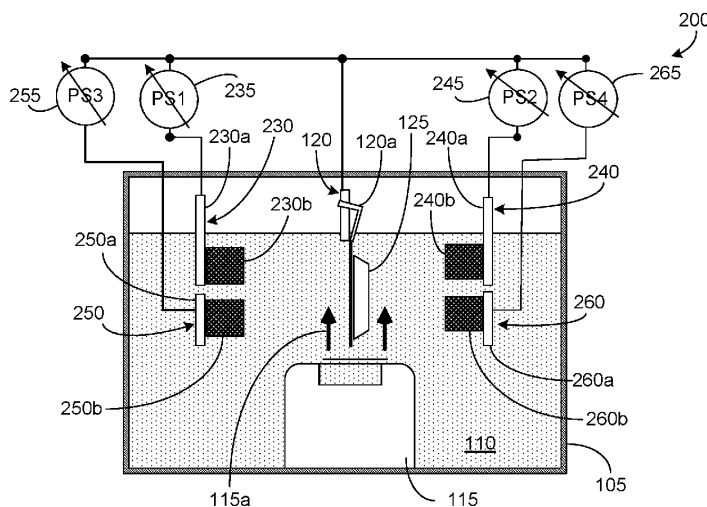


FIG. 2

(57) Abstract: In a general aspect, an electroplating system (100) includes a vessel (105), an electrolytic plating solution (110) in the vessel, a cathode terminal (120), a first anode terminal (130) and a second (140) anode terminals, a first variable power supply (135), and a second variable power supply (145). The cathode terminal is configured to electrically connect with a workpiece (125) that is submerged in the electrolytic plating solution. The first anode terminal is in the electrolytic plating solution on a first side of the workpiece. The second anode terminal is in the electrolytic plating solution on a second side of the workpiece opposite the first side. The first variable power supply coupled between the cathode terminal and the first anode terminal. The second variable power supply coupled between the cathode terminal and the second anode terminal.

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