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(54) Title: RESONATING NOZZLE SYSTEM

(57) Abstract: A liquid jet nozzle system is provided. The liquid jet nozzle system includes a resonator chamber (14) to receive and to oscillate a liquid jet. The resonator chamber includes a first aperture (18) having an angle of entry to receive the liquid jet. A discharge chamber (16) is coupled to the resonator chamber (14) to receive the oscillating liquid jet. The discharge chamber (16) then discharges the oscillating liquid in a fan shape.