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(54) Title: LIQUID COOLING UNIT, APPARATUS AND METHOD FOR COOLING INDOOR SPACES

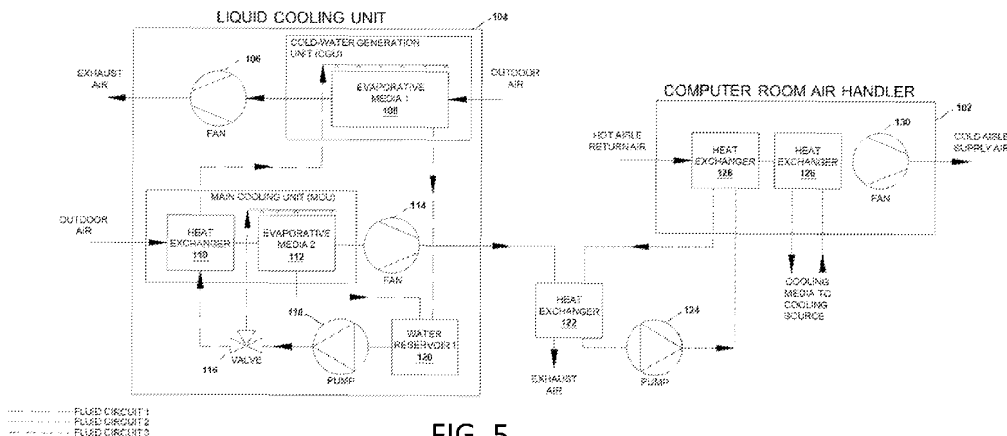


FIG. 5

(57) Abstract: A liquid cooling unit comprises a cold-water generation unit (CGU) adapted to receive outdoor air from a first outdoor air inlet through a first air stream and to cool water; and a main cooling unit (MCU) adapted to receive outdoor air from a second outdoor air inlet through a second air stream and to cool the outdoor air so received from the second outdoor air inlet. The cold-water generation unit comprises a first evaporative media configured to circulate evaporative cooling water therethrough, wherein airflow through first air stream is separate from airflow through the second streams such that the airflows do not mix with one another, and the main cooling unit and the cold-water generation unit are arranged in fluid communication with the water management system via a first fluid stream.

[Continued on next page]

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