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61/924,127 6 January 2014 (06.01.2014) US(71) Applicants: **DALI SYSTEMS CO. LTD.**; Maples Corporate Services Limited, P.O. Box 309, Ugland House, South Church Street, George Town, Grand Cayman, KY1-1104 (KY). **DALI WIRELESS, INC.** [US/US]; 535 Middlefield Road, Suite 280, Menlo Park, CA 94025 (US).(72) Inventors: **ZHUANG, Qianqi**; #39-12920 Jack Bell Dr., Richmond, British Columbia V6V 2V9 (CA). **STAPLETON, Shawn Patrick**; Burnaby, British Columbia V5A 4C6 (CA).(74) Agents: **LARGENT, Craig, C.** et al.; Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

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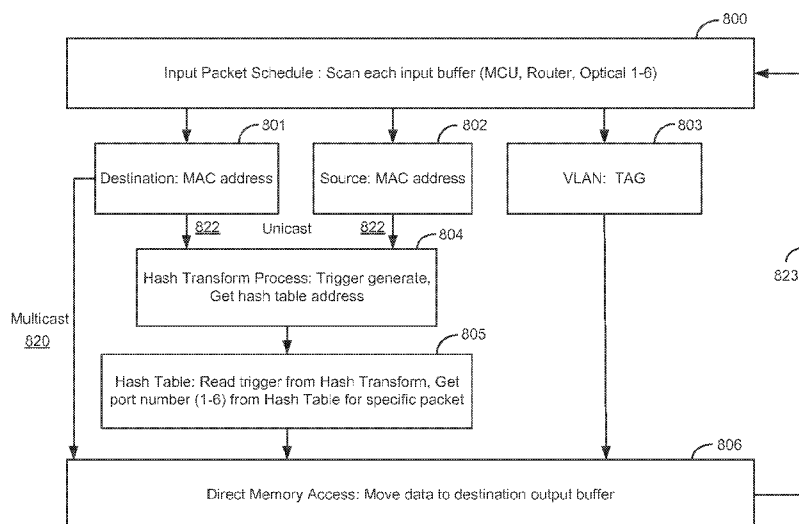


FIG. 8

(57) **Abstract:** A system for transporting IP data in a Distributed Antenna System includes at least one Digital Access Units (DAU) having a plurality of optical input/output ports and at least one Ethernet port and a plurality of Digital Remote Units (DRUs) coupled to the at least one DAU. Each of the plurality of DRUs has a plurality of optical input/output ports and at least one Ethernet port. The at least one DAU includes a Framer/Deframer operable to separate cellular payload data from IP data and a network switch operable to buffer the cellular payload data and the IP data and to route the IP data received from the plurality of DRUs to the at least one Ethernet port of the DAU.