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(71) Applicant: **OY HALTON GROUP LTD.** [FI/US]; Firdonkatu 2 T 146, Tripla - Workery West, 00240 Helsinki (FI).

(72) Inventors: **LIVCHAK, Andrey V.**; 706 Newberry Street, Bowling Green, Kentucky 42103 (US). **LYONS, Gregory A.**; 5258 Mud Lick Flippin Road, Tompkinsville, Kentucky 42167 (US). **ARNOLD, Ben**; 7790 Three Springs Road, Bowling Green, Kentucky 42104 (US). **SANDUSKY, Jimmy**; 7419 Old Greenhill Road, Bowling Green, Kentucky 42103 (US). **MEREDITH, Philip J.**; 312 Cambridge Grove Circle, Alvaton, Kentucky 42122 (US).

(74) Agent: **DOLINA, George S.**; Potomac Law Group, PLLC, 8229 Boone Boulevard, Suite 430, Vienna, Virginia 22182 (US).

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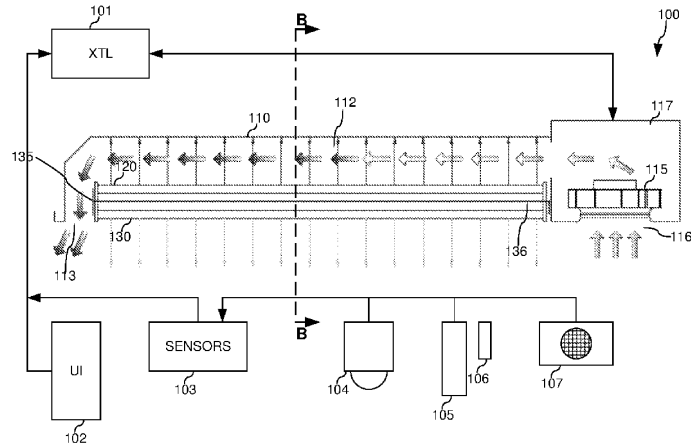


Fig. 1A

(57) Abstract: A ventilation system return register is mountable in a room from with air will flow through the return register. It includes a housing that defines an internal volume through which air can flow, a transition collar configured to attach to the ventilation system duct, an electrical junction box configured to receive an electrical connection and a disinflecting light source electrically connected to the electrical junction box and configured to emit a radiation in a range that destroys microbial contaminants. A reflective surface faces the disinflecting light and defines a disinflecting pathway through which air passes when the ventilation system is operating while it prevents the disinflecting light from shining into the room.

[Continued on next page]

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