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(71) Applicant *(for all designated States except US)*: **AEROVIRONMENT, INC.** [US/US]; 181 W. Huntington Drive, Suite 202, Monrovia, California 91016 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **GRABOWSKY, John, F.** [US/US]; 2585 White Whig Ct, Camarillo, California 93012-8836 (US). **TOKUMARU, Philip, T.** [US/US]; 748 W. San Andres Circle, Thousand Oaks, California 91360 (US). **KNISKERN, Robert, Jay** [US/US]; 2624 Buckhurst Run, Fort Wayne, Indiana 46815 (US). **CURRENS, Nicholas, S.** [US/US]; 880 Deborah St., Lima, Ohio 45801 (US). **LEVINE, Allan, Lester, Jr.** [US/US]; 1781 Blossom Ct., Thousand Oaks, California 91320 (US).

(74) Agent: **BALZAN, Christopher, R.**; 674 County Square Drive, Suite 105, Ventura, California 93003 (US).

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(54) Title: DYNAMIC TRANSMISSION CONTROL FOR A WIRELESS NETWORK

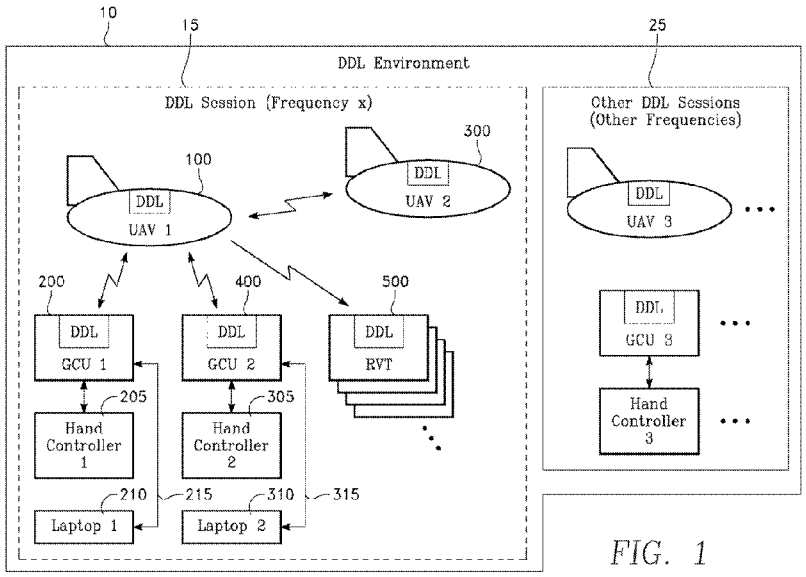


FIG. 1

(57) Abstract: In one possible embodiment, a wireless network with dynamic transmission control is provided that includes a multiple of nodes. The nodes include an arbiter and multiple client nodes. The arbiter is configured to control an operation of the client nodes by defining communications operation cycles and allocating a bandwidth to each of the client nodes on a cycle by cycle basis in response to requests for bandwidth from the client nodes.

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