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(71) Applicant: SHAREWAVE, INC. [US/US]; 5175 Hillsdale Circle, El Dorado Hills, CA 95762 (US).

(72) Inventors: GUBBI, Rajugopal, R.; Apartment #123, 8842 Winding Way, Fair Oaks, CA 95628-6467 (US). NGUYEN, Bao; 6220 Rustic Hills Drive, Rocklin, CA 95677 (US). EKAMBARAM, Natarajan; 2330 Vehicle Drive, #197, Rancho Cordova, CA 95670 (US).

(74) Agents: FAHMI, Tarek, N. et al.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

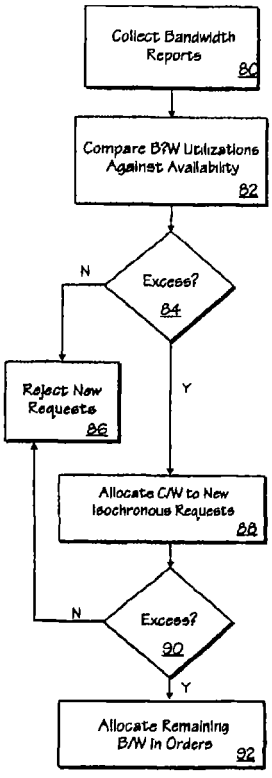
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(54) Title: DYNAMIC BANDWIDTH NEGOTIATION SCHEME FOR WIRELESS COMPUTER NETWORKS



(57) Abstract: Bandwidth within a communication channel of a computer network is dynamically allocated according to bandwidth requests of devices within the computer network. Such requests may include releases of excess bandwidth in addition to requests for additional bandwidth. In some cases, the communication channel may be a wireless, spread spectrum communication channel. In general, the bandwidth may be dynamically allocated according to priorities of the requests. For example, the requests may be arranged such that those associated with isochronous transmissions within the computer network are accorded the highest priority. A table of such bandwidth allocations may be maintained (e.g., by a network master device) so as to account for bandwidth utilization within the network. Such a table may include bandwidth allocations for the various information streams according to their varying priorities. The table may then by dynamically updated according to the bandwidth requests and any bandwidth allocations made in accordance therewith.

WO 01/06710 A1



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