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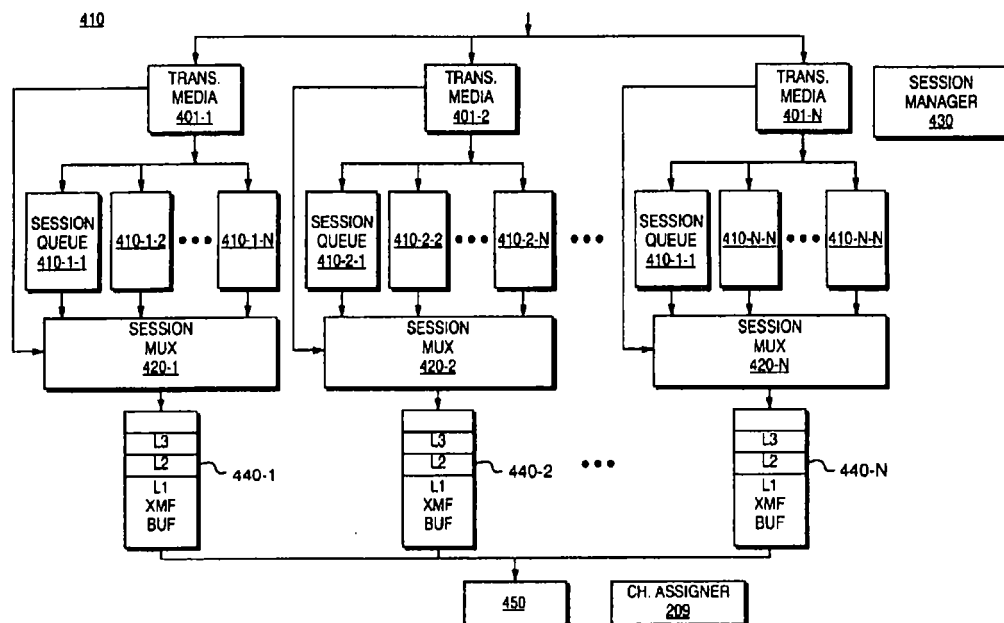
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- (71) Applicant: **TANTIVY COMMUNICATIONS, INC.**
[US/US]; 1450 S. Babcock Street, Melbourne, FL 32901 (US).
- (72) Inventors: **FOORE, Lawrence, Robert**; 1078 Helena Avenue, Palm Beach, FL 32907 (US). **PROCTOR, James, A., Jr.**; 258 Sea View Street, Melbourne Beach Florida 32951 (US).
- (74) Agents: **THIBODEAU, David, J., Jr.** et al.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
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(54) Title: DYNAMIC BANDWIDTH ALLOCATION FOR MULTIPLE ACCESS COMMUNICATION USING SESSION QUEUES



(57) Abstract: A technique for providing high speed data service over standard wireless connections via an unique integration of protocols and existing cellular signaling is disclosed. Channel resources are allocated according to a buffer monitoring scheme between a base station (104) and multiple subscriber units (101-1,...,101-n). Each buffer (440-1,...,440-N) is monitored over time for threshold levels of data and a probability is calculated that takes into account the arrival of data into the buffer (440-1,...,440-N).

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ACTION

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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