

ABSTRACT**VARIOUS TRAFFIC MANAGEMENT METHODS FOR DYNAMIC MULTI-HOP
BACKHAULING CELLULAR NETWORK AND SYSTEMS USEFUL IN
CONJUNCTION THEREWITH**

In a mobile communication system including a network having at least one base station operative to receive information in resource allocation terminology understandable to the base station and to allocate downlink bandwidth accordingly, at least one relay operative to convey to the base station information regarding needs of mobile communicators associated with the relay, using the resource allocation terminology understandable to the base station, and when receiving uplink bandwidth, from the base station, which generates an uplink between itself and the base station, to distribute the uplink bandwidth between the mobile communicators associated with the relay.

Fig. 9