

## **ABSTRACT OF THE DISCLOSURE**

### **UNICAST TRANSMISSIONS IN MESH NETWORK NODES**

One embodiment of the present invention sets forth a technique for communicating within a network. The technique includes receiving, from a first node in the network and at a first receive time, a first periodic beacon that includes a first network time associated with the first node. The technique also includes determining a first transmission time of a first unicast message to the first node based on the first network time and a unicast interval between consecutive unicast listening times on the first node. The technique further includes transmitting the first unicast message to the first node at the first transmission time.

FIG. 6A