

EXHIBIT H

Tiedemann Describes “TDM Techniques”

CDMA frequencies. The Paging Channel is divided into slots of 80 ms duration. A mobile station need only listen for pages in its assigned slots. The base station can indicate that it has no more messages for mobile stations operating in the slotted mode, thus allowing these mobile stations, typically portables, to power down early in the slot further increasing battery life. For a mobile station, the period of slot repetition, called the slot cycle, is $0.08 \times 2^{N+4}$ seconds where N is from 0 though 7. The mobile station can select the period of its assigned slots by registering with the value of N that it is using. The mobile station uses a series of three hash functions to select the CDMA frequency to use, the Paging Channel on the frequency, and the slot in its specified slot cycle to monitor. Similarly, the base station performs the hashing to determine the frequency, Paging Channel, and slot in which to send a page.

Court's Construction

TDM Techniques:
techniques for allocating an interval of time within a predetermined frame period to a data item, based on one or more characteristics associated with the data item

DX 124 at 285

