

**ABSTRACT**

**DIRECTION FINDER ANTENNA SYSTEM**

5

A direction-finding antenna system is described. The direction-finding antenna system comprises a plurality of tapered dipole antenna elements arranged in circular array around a central axis. Each tapered dipole antenna element comprises a pair of rectangular elongated antenna elements mounted radially from said central axis and  
10 configured to be curved such that a distance between said pair of rectangular elongated antenna elements is larger at periphery of the system with respect to center thereof.

**Figure 2**