

## SYSTEM AND METHOD FOR MANAGING CALL CONTINUITY IN IMS NETWORK ENVIRONMENT

### ABSTRACT OF THE DISCLOSURE

In one embodiment, a scheme is disclosed for managing call continuity in a network environment (100) including a circuit-switched (CS) network and an IP multimedia subsystem (IMS) network (112) wherein unique identity (ID) information supplied by a user equipment (UE) device (302) is utilized. A pool of dynamically allocable IP multimedia routing numbers (IMRNs) maintained at an IMS network node (308) are used for associating an IMRN with call information received from the UE device (302), which can include at least one of a GRUU, Instance ID, and the called party number relating to a call. When the dynamically allocated IMRN is returned by the UE device (302), the network node (308) utilizes the IMRN mapping to effectuate call continuity with respect to the called party.

Figure 1