(72) Inventors:
• **Ray, Dipankar**
823 Plano TX 75023 (US)
• **Pauddar, Sonal**
Murphy TX 75094 (US)
• **Pobaru, Pankaj**
San Diego CA 92121 (US)
• **Curtin, John**
Richardson TX 75081 (US)

(74) Representative: **HOFFMANN EITLE**
Patent- und Rechtsanwälte
Arabellastrasse 4
81925 München (DE)

(54) **System and method for establishing an extended data session across multiple access networks of a data cellular network**

(57)   A system and method is disclosed for improved session management when roaming between access networks (AN) within a data cellular network, wherein an extended session is established across several ANs within a subnet. When an Access Terminal (AT) initiates a new extended session, the responsible AN negotiates a common session across the ANs covered by the extended session area. During the session negotiation, each AN establishes a new session and allocates a new Unicast Access Terminal Identifier (UATI). Each AN is notified of each UATI allocated for the extended session. Once the negotiation between ANs is completed, the AT can roam anywhere within the extended session area without re-negotiating the session or transferring session information.
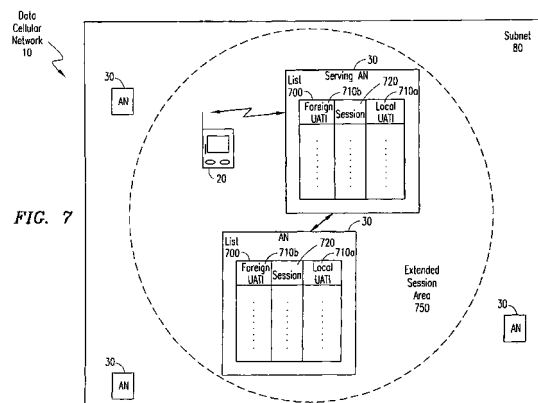
FIG. 7

EP 1 533 957 A8