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Declarations under Rule 4.17:

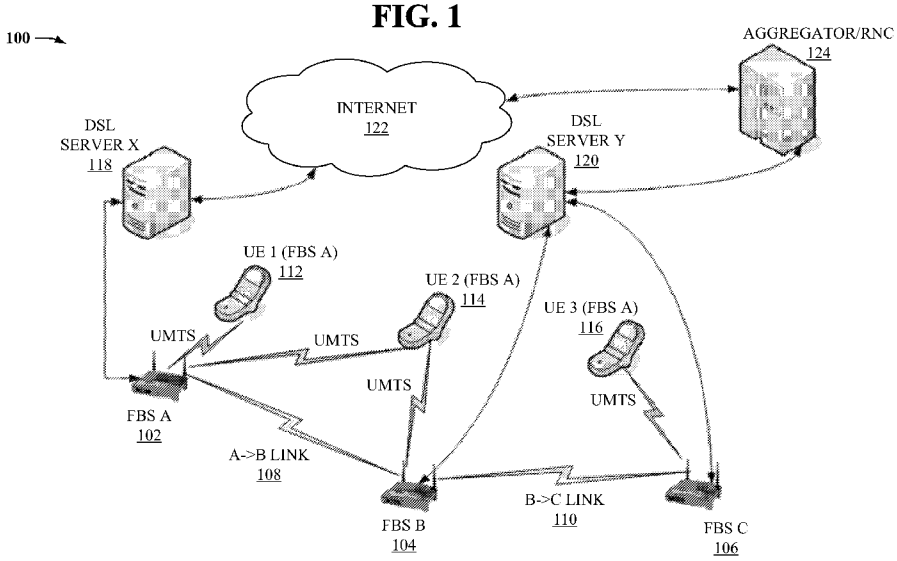
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

[Continued on next page]

(54) Title: BACKHAUL NETWORK FOR FEMTO BASE STATIONS

FIG. 1



(57) Abstract: Providing an inter-femto Base Station (fBS) network to facilitate low interference, low power cellular access utilizing two or more fBSs is provided herein. For example, a group of fBSs can be inter-connected by a wired and/or wireless communication network. Multiple fBSs then can link with a mobile device and coordinate cellular traffic amongst the fBS network to facilitate hand-off related communication. Additionally, cellular traffic can be forwarded from one or more fBSs to an appropriate fBS designated to carry cellular traffic for each mobile device. Furthermore, by inter-connecting multiple fBSs, multi-base station cellular-type hand-off can be supported by the fBS network, while preserving predetermined cellular interface constraints associated with such mobile devices.

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