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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))
- of inventorship (Rule 4.17(iv))

[Continued on next page]

(54) Title: METHODS AND ARRANGEMENTS FOR DYNAMICALLY ADJUSTING THE RATE OF SUB CELL SEARCHING IN COORDINATED MULTIPLE POINT TRANSMISSION/RECEPTION, COMP, CELLS

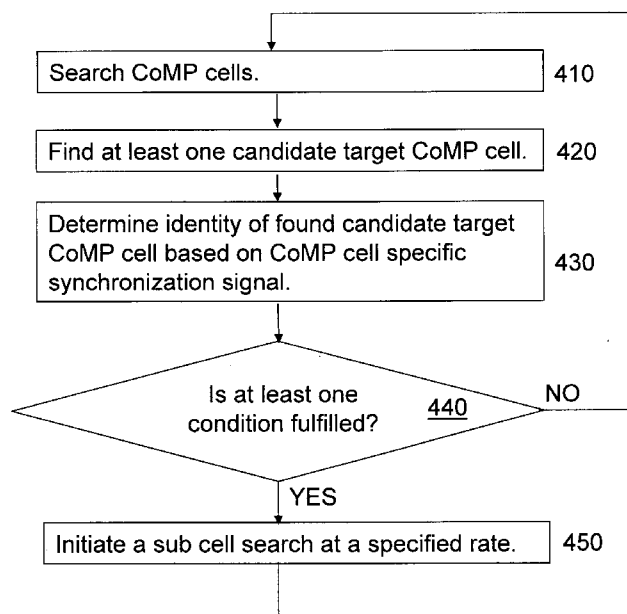


Fig. 4a

(57) Abstract: The present invention relates to methods and arrangements that enable a User Equipment UE to limit the number of sub cell searches needed in a wireless communication system with Coordinated Multiple Point transmission/reception (CoMP) cells, while keeping an acceptable system performance at handovers. This is achieved by a solution where the UE does sub cell search in a candidate target CoMP cell only when the candidate target CoMP cell quality performance is within a reasonable range or when the serving CoMP cell quality performance is low.

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