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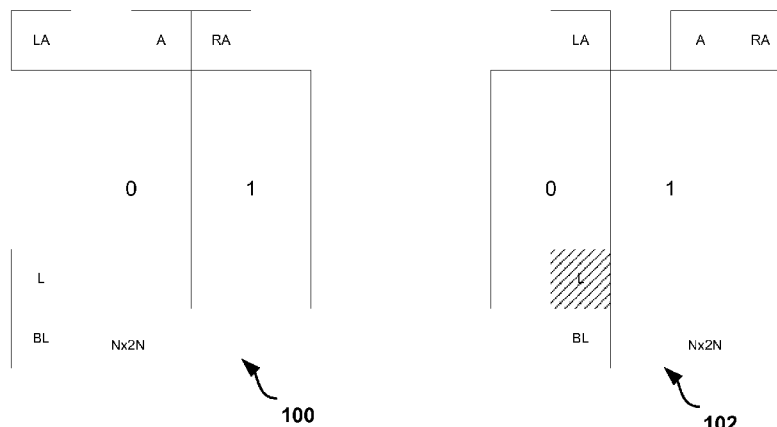
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Declarations under Rule 4.17:

- 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: PARALLELIZATION FRIENDLY MERGE CANDIDATES FOR VIDEO CODING

**FIG. 3A**

(57) Abstract: This disclosure presents methods and systems for coding video in merge mode of a motion vector prediction process. A method of coding video data may determining a merge candidate set for a current prediction unit of a current coding unit, wherein the merge candidate set is determined without comparing motion information of a merge candidate in the merge candidate set to motion information of any other prediction units, and performing a merge motion vector prediction process for the current prediction unit using the merge candidate set. The method may further comprise excluding merge candidates from the merge candidate set that are within another prediction unit of the current coding unit.



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