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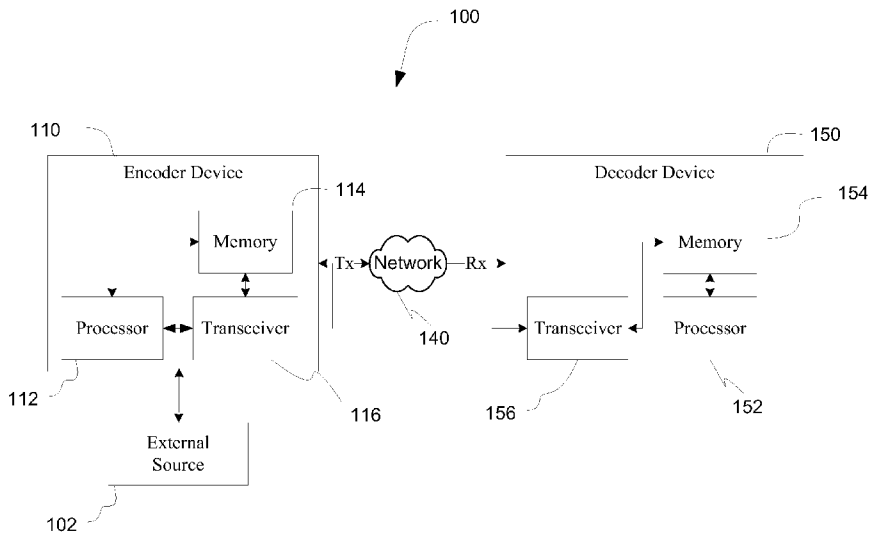
Declarations under Rule 4.17:

— *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:** APPARATUS AND METHOD OF REDUCED REFERENCE FRAME SEARCH IN VIDEO ENCODING



(57) **Abstract:** Aspects include systems and methods of improving processing in an encoder in a multimedia transmission system. Multimedia data may include one or more of motion video, audio, still images, or any other suitable type of audio-visual data. Aspects include an apparatus and method of encoding video data. For example, an apparatus and method of reduced reference frame search in video encoding is disclosed.

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