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(71) Applicant: **GENIP PTE. LTD.** [SG/SG]; 10 Anson Road # 23-14G, International Plaza, Singapore 079903 (SG).

(72) Inventor: **JANG, Min**; Hanshin-green APT A-1107, Jam-won-dong, Seocho-gu, Seoul (KR).

(74) Agent: **BEIJING GRANDER IP LAW FIRM**; Suite 18A6, East wing, Hanwei plaza, No.7 Guanghua Road, Chaoyang District, Beijing 100004 (CN).

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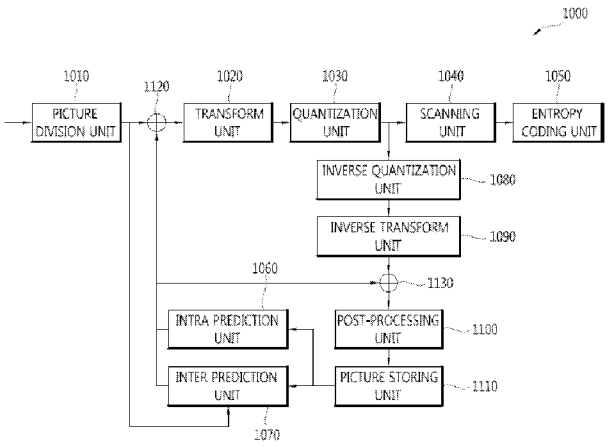


Fig 2

(57) Abstract: Provided is a methoddetermines a boundary strength for each 4-sample edge lying on 8x8 sample grid, determines whether deblocking filtering is performed on the 4-sample edge or not if the boundary strength is not equal to zero, selects a deblocking filter if the deblocking filtering is performed on the 4-sample edge, and filters the 4-sample edge using the selected filter. Accordingly, the computational complexity required to determine the boundary strength according to the present invention is reduced by 50% or more when compared with the HEVC under development. Also, the memory capacity and bandwidth required to determine the boundary strength are reduced by 50% or more without deterioration of image quality.

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