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(71) Applicant *(for all designated States except US)*: **QUALCOMM Incorporated** [US/US]; Attn: International Ip Administration, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **KRISHNAN, Venkatesh** [IN/CA]; 10930 Caminito Alvarez, San Diego, CA 92126 (US). **KANDHADAI, Ananthapadmanabhan A.** [IN/US]; 12526 Heatherton Court, #183, San Diego, CA 92128 (US).

(74) Agents: **BACHAND, Richard A.** et al.; Attn: International Ip Administration, 5775 Morehouse Drive, San Diego, CA 92121 (US).

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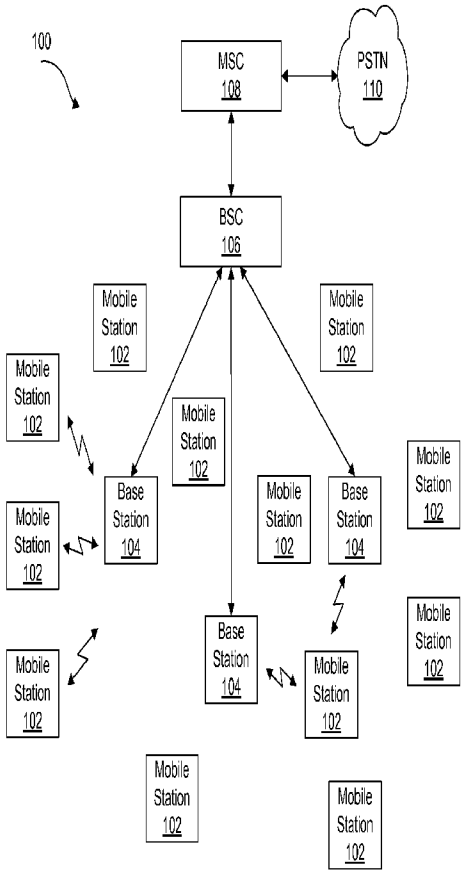
(54) Title: SYSTEMS AND METHODS FOR MODIFYING A WINDOW WITH A FRAME ASSOCIATED WITH AN AUDIO SIGNAL



(57) Abstract: A method for modifying a window with a frame associated with an audio signal is described. A signal is received. The signal is partitioned into a plurality of frames. A determination is made if a frame within the plurality of frames is associated with a non-speech signal. A modified discrete cosine transform (MDCT) window function is applied to the frame to generate a first zero pad region and a second zero pad region if it was determined that the frame is associated with a non-speech signal. The frame is encoded. The decoder window is the same as the encoder window.

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