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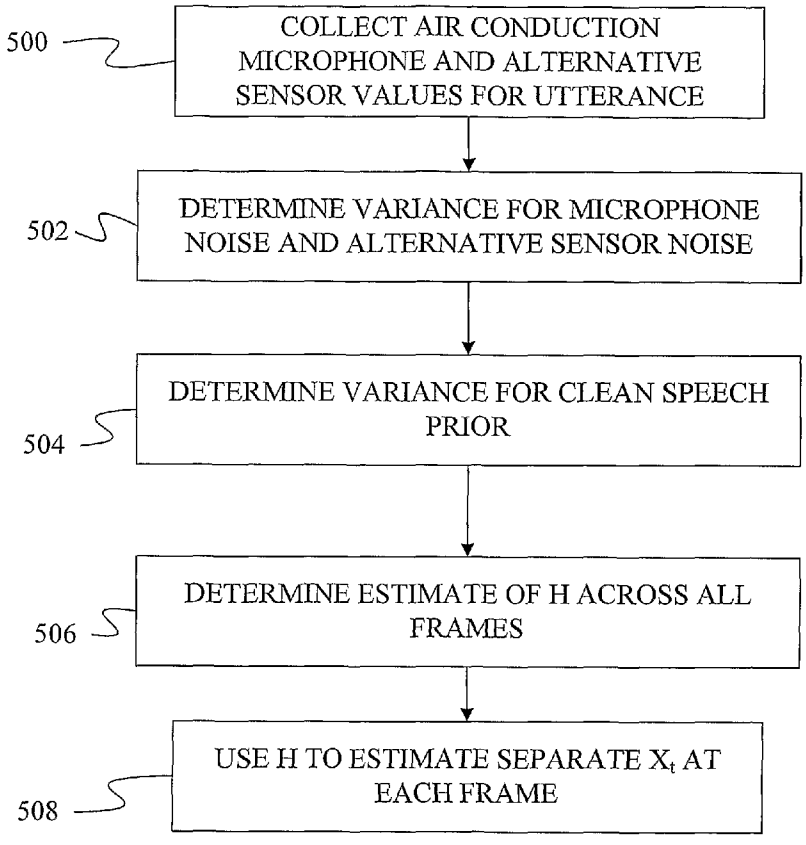
Declarations under Rule 4.17:
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) Title: MULTI-SENSORY SPEECH ENHANCEMENT USING A CLEAN SPEECH PRIOR



(57) Abstract: A method and apparatus to determine a channel response for an alternative sensor using an alternative sensor signal and an air conduction microphone signal (500). The channel response and a prior probabillity distuibution for clean speech valuse then used to estimate a clean speech value (502, 504, 506 and 508).

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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