

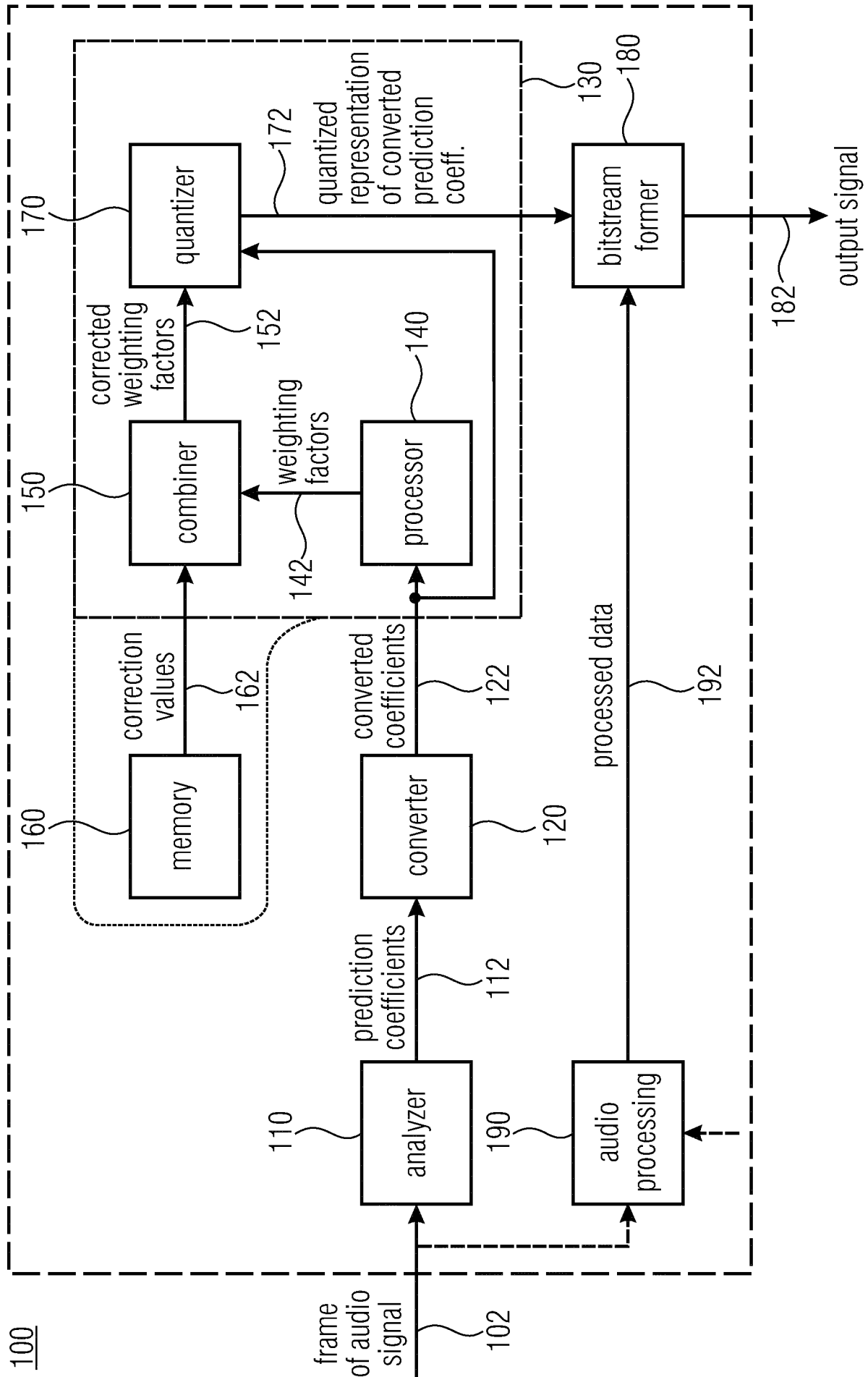


FIG 1

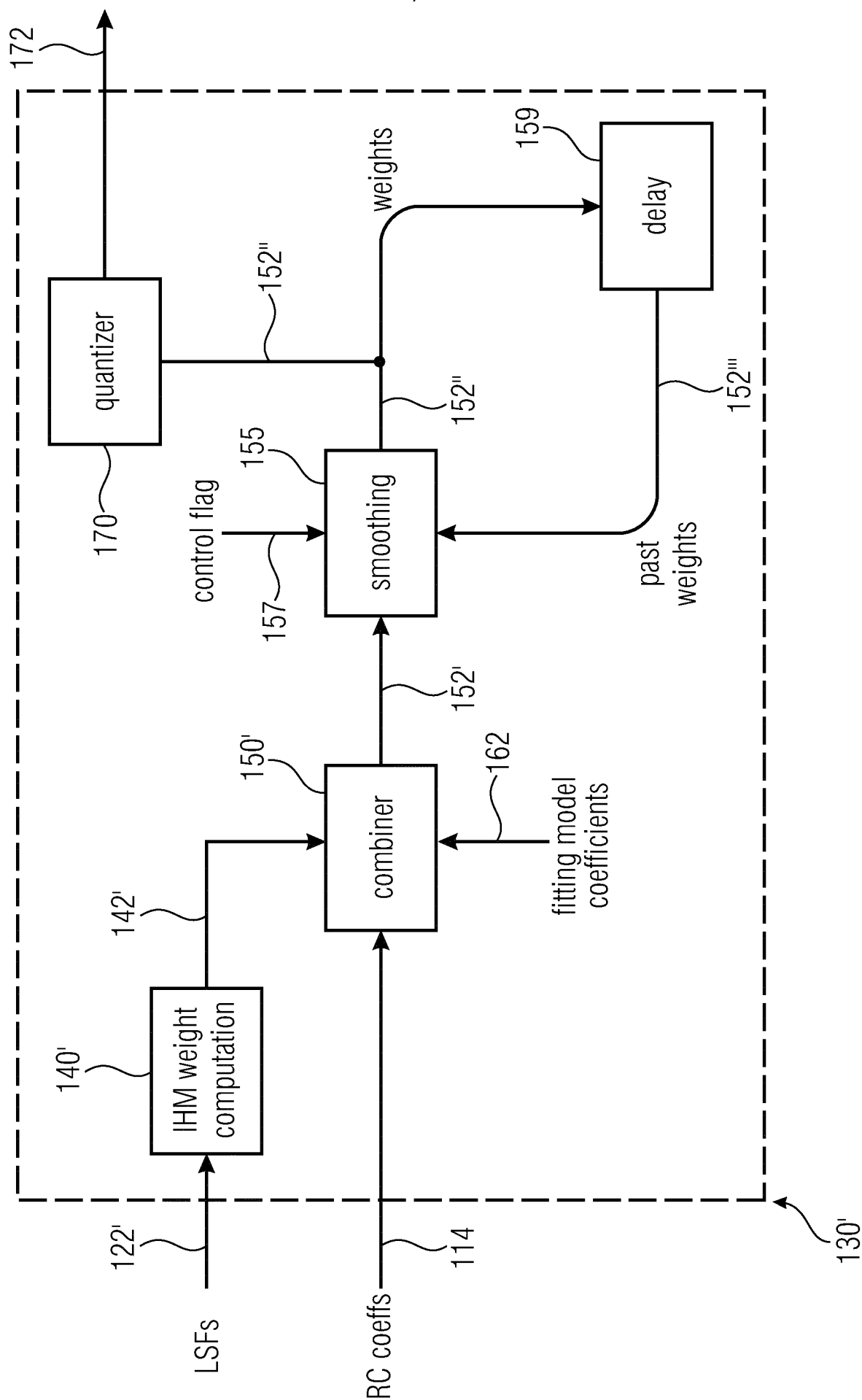


FIG 2

300

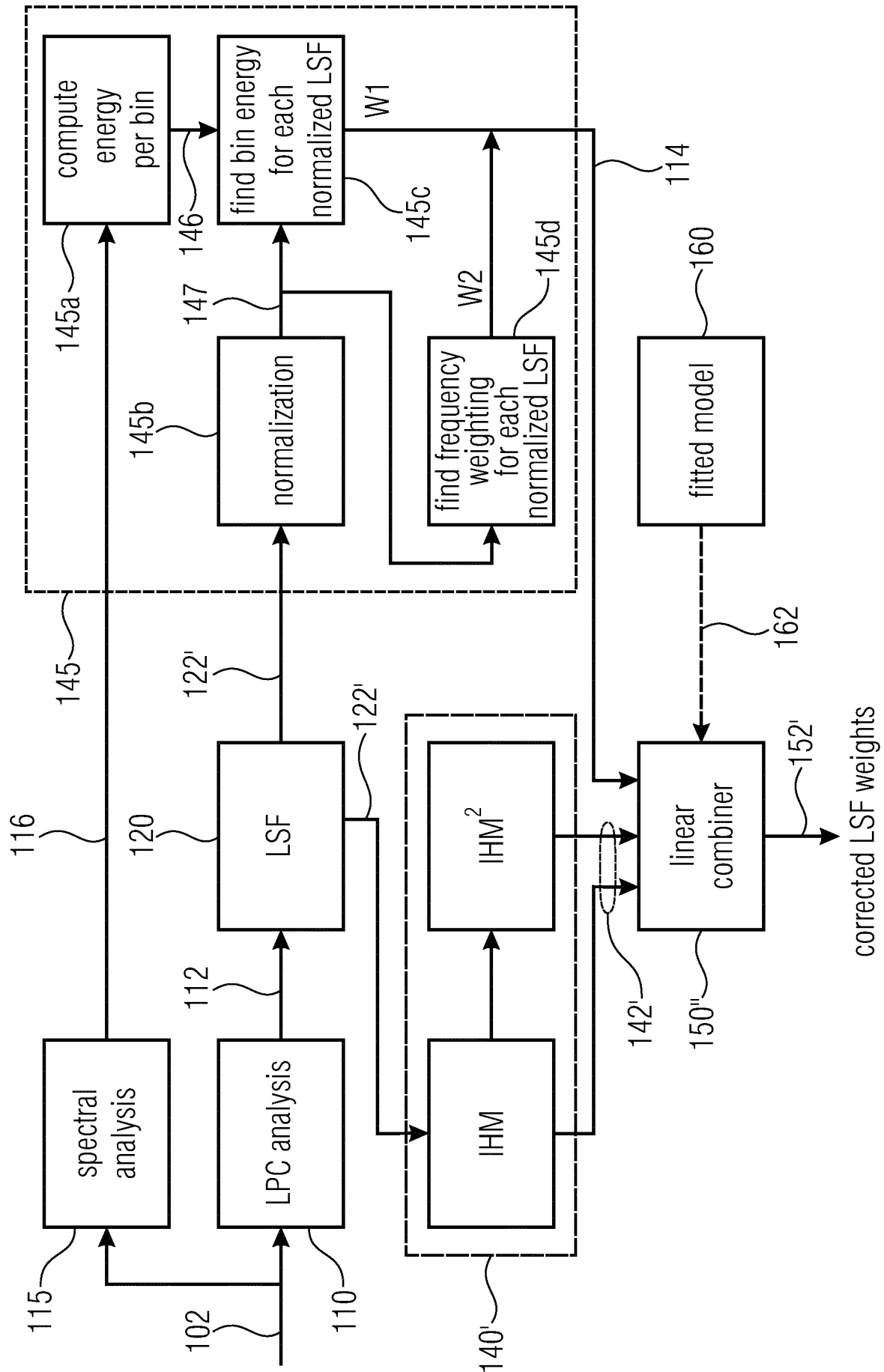


FIG 3

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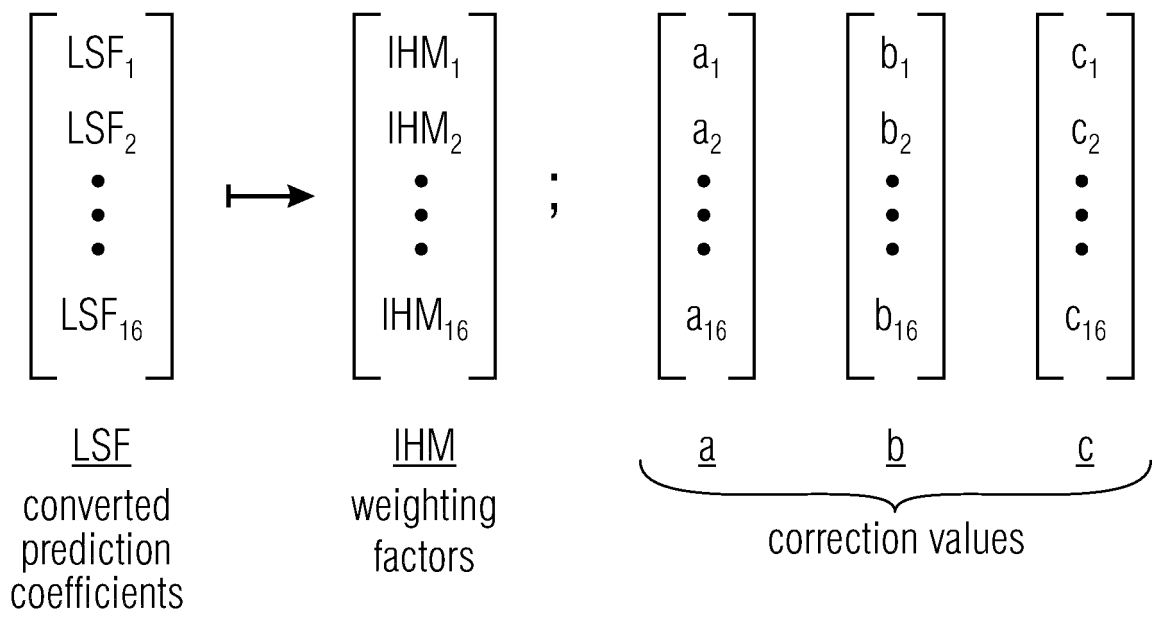


FIG 4A

$$\underline{y} = \underline{a} + \underline{b}x + \underline{c}x^2$$

FIG 4B

$$\begin{bmatrix} w_1 \\ w_2 \\ \vdots \\ w_{16} \end{bmatrix} = \begin{bmatrix} a_1 + b_1 \text{IHM}_1 + c_1 \text{IHM}_1^2 \\ a_2 + b_2 \text{IHM}_2 + c_2 \text{IHM}_2^2 \\ \vdots \\ a_{16} + b_{16} \text{IHM}_{16} + c_{16} \text{IHM}_{16}^2 \end{bmatrix}$$

w
corrected
weighting
factors

FIG 4C

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$$w_1(\text{LSF}'_1 - \text{LSF}_1)^2 + w_2(\text{LSF}'_2 - \text{LSF}_2)^2 + \dots + w_{16}(\text{LSF}'_{16} - \text{LSF}_{16})^2$$

$$\cong \sum_{i=1}^{16} w_i(\text{LSF}'_i - \text{LSF}_i)^2$$

FIG 5A

$$\begin{array}{l} \text{LSF}'_1, \text{LSF}'_2 \dots \text{LSF}'_{16} = \text{Qu}' \\ \text{LSF}''_1, \text{LSF}''_2 \dots \text{LSF}''_{16} = \text{Qu}'' \end{array} ; \quad \text{Qu} = \begin{bmatrix} \text{Qu}' \\ \text{Qu}'' \\ \text{Qu}''' \\ \vdots \\ \text{Qu}^n \end{bmatrix}$$

FIG 5B

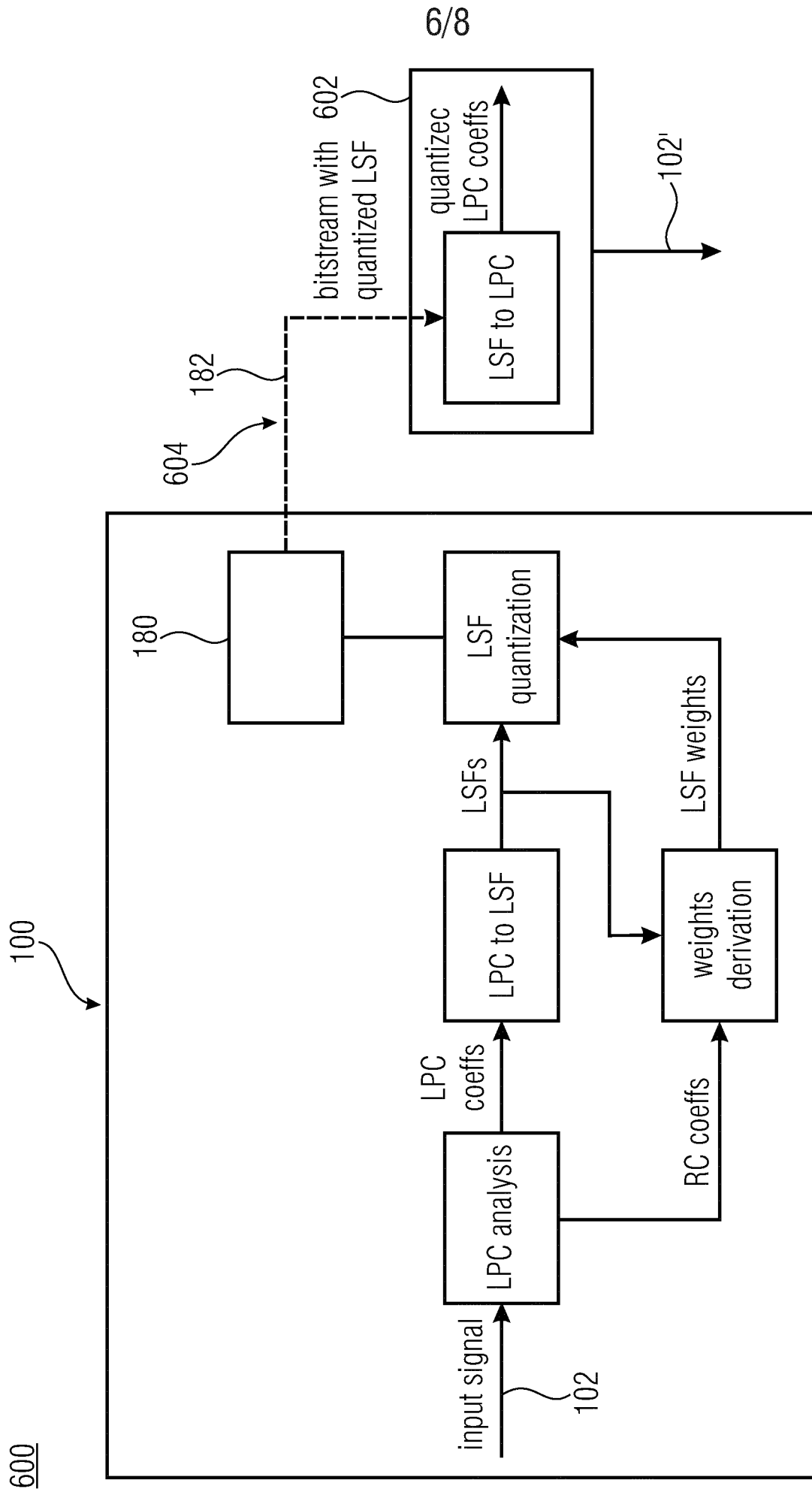


FIG 6

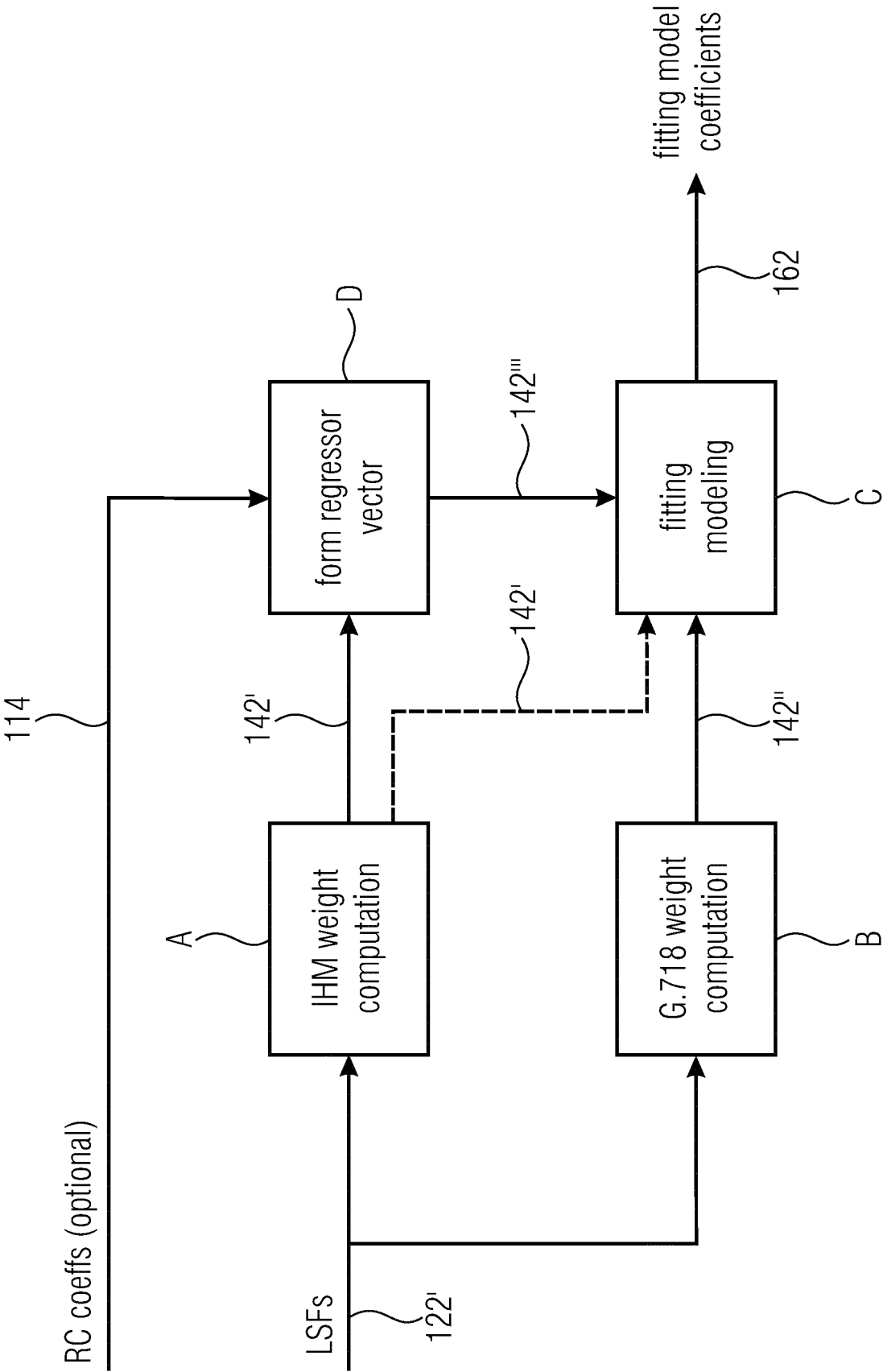


FIG 7

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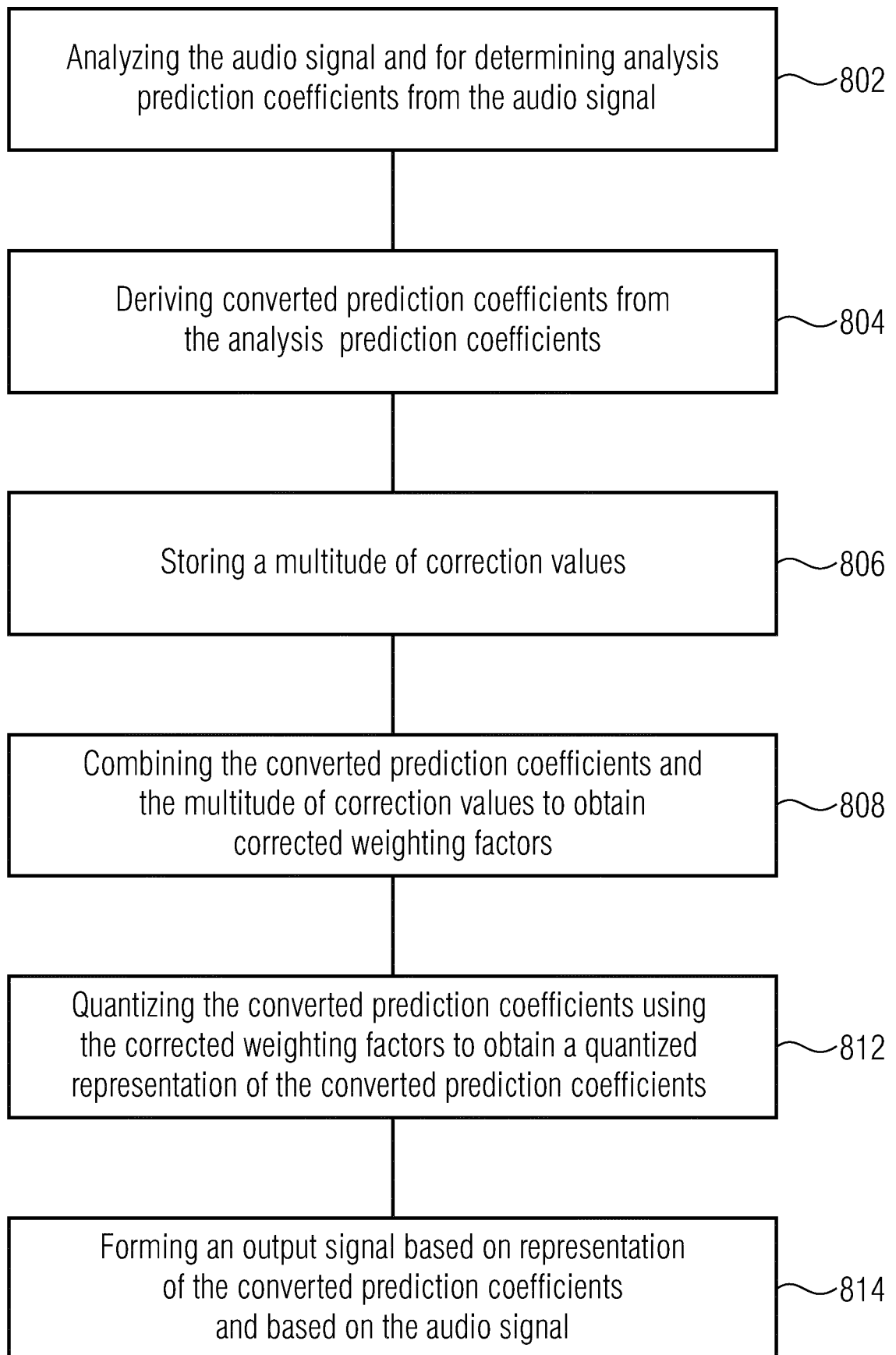
800

FIG 8