Exhibit 24

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(54) SYSTEM AND METHOD FOR ACOUSTIC FINGERPRINTING

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(52) **U.S. Cl.** **707/102**

(57) **ABSTRACT**

A method for quickly and accurately identifying a digital file, specifically one that represents an audio file. The identification can be used for tracking royalty payments to copyright owners. A database stores features of various audio files and a globably unique identifier (GUID) for each file. Advantageously, the method allows a database to be updated in the case of a new audio file by storing its features and generating a new unique identifier for the new file. The audio file is sampled to generate a fingerprint that uses spectral residuals and transforms of Haar wavelets. Advantageously, any label used for the work is automatically updated if it appears to be in error.

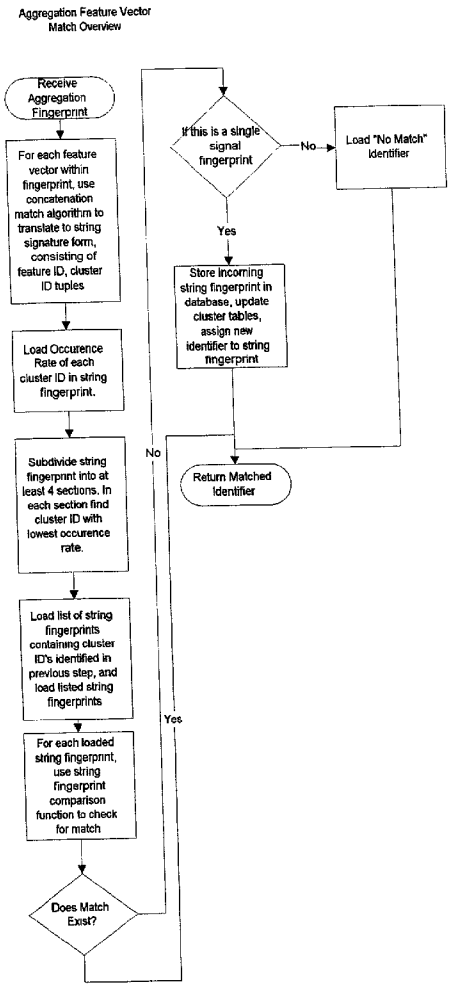

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FIG. 1

Overview of Preprocessing Steps

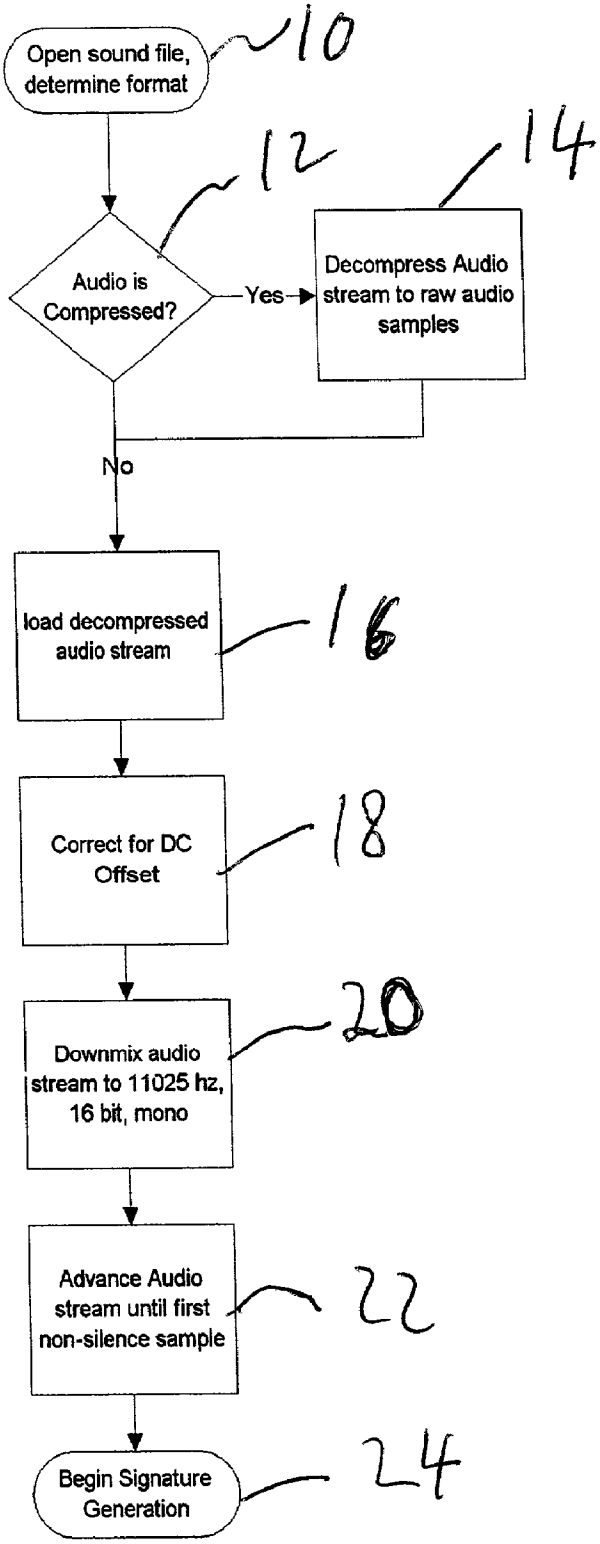

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FIG. 2 Overview of Signature Creation

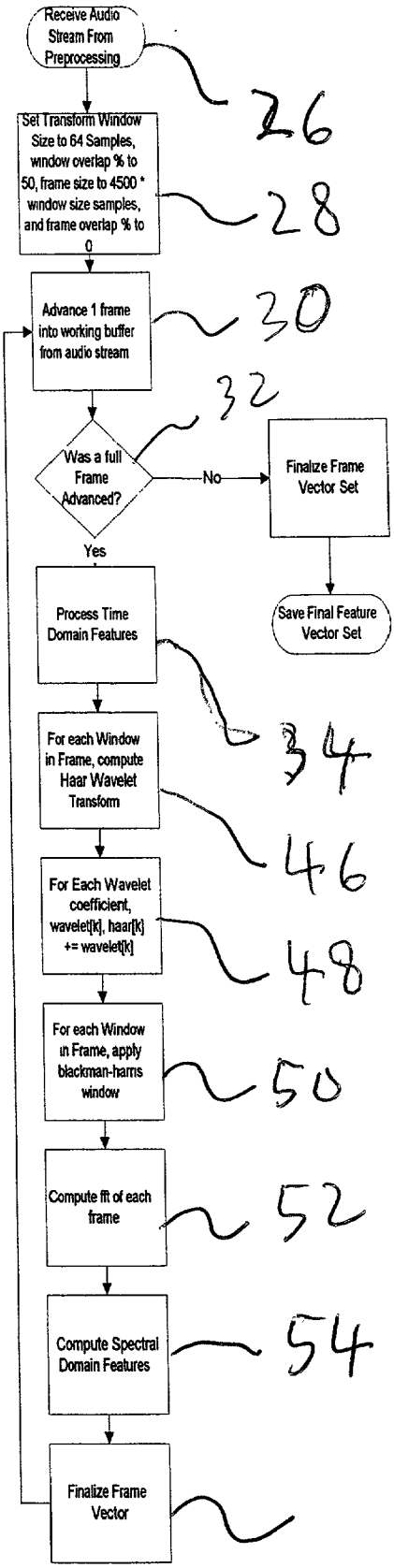

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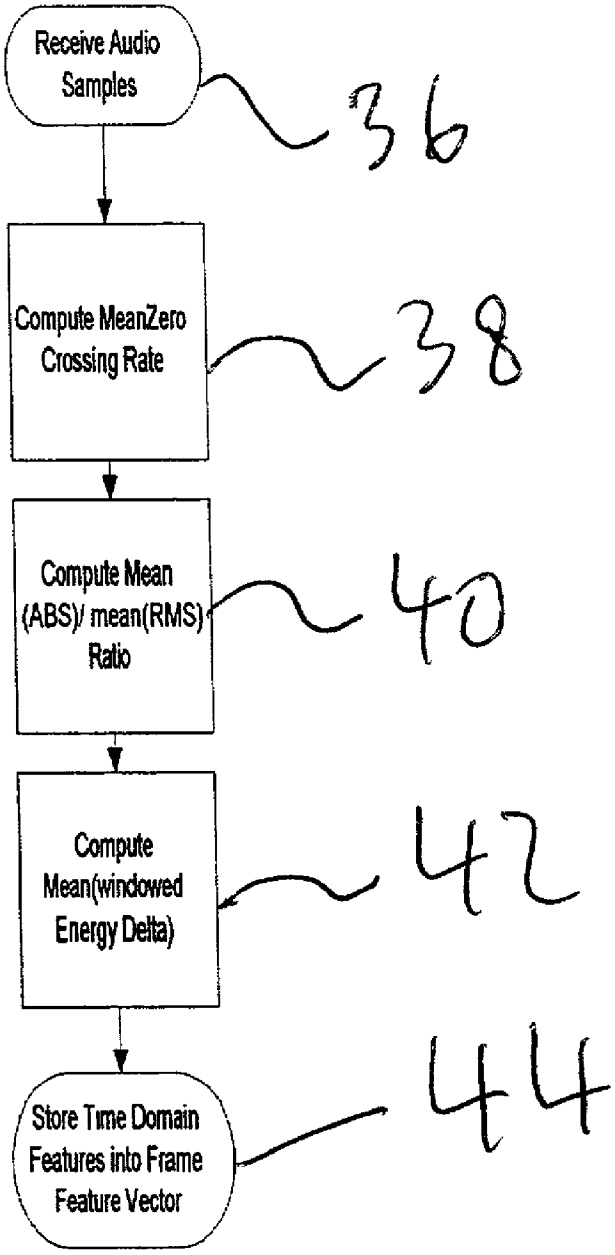
FIG. 3 Time Domain Feature Computation



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