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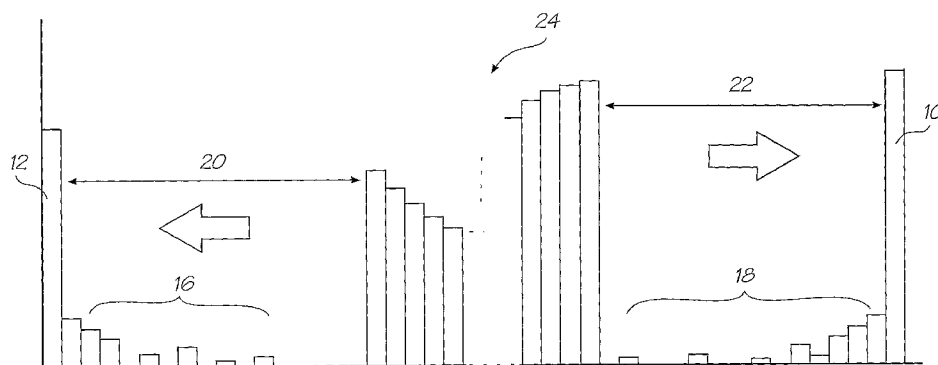
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(54) Title: LOCALIZED SIGNAL DATA PRESERVATION WITHIN SIGNAL BANDWIDTH



(57) Abstract: A system and method for reducing the noise induced in a particular section or level of a signal bandwidth. The section is isolated from the rest of the signal data, by rescaling this data to produce a buffer section adjacent the section with little or no data in it. The signal is then transmitted to the output device where all data in the buffer section is considered to be the result of noise, and is mapped back to the predetermined level. The signal data is inversely rescaled to move data back into the buffer section. In this way, more of the data that was input at the predetermined level, will also be at the predetermined level afterwards, thereby correcting noise induced in that level by noise inducing transmission techniques such as JPEG compression.

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