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(71) Applicant (for all designated States except US): **IBIQUITY DIGITAL CORPORATION** [US/US]; 8865 STANFORD BOULEVARD, Suite 202, Columbia, Maryland 21045 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **KROEGER, Brian** [US/US]; 12813 Amberwoods Way, Sykesville, Maryland 21784 (US).

(74) Agent: **LENART, Robert; PIETRAGALLO BOSICK & GORDON LLP**, ONE OXFORD CENTRE, 38TH FLOOR, 301 Grant Street, Pittsburgh, Pennsylvania 15219 (US).

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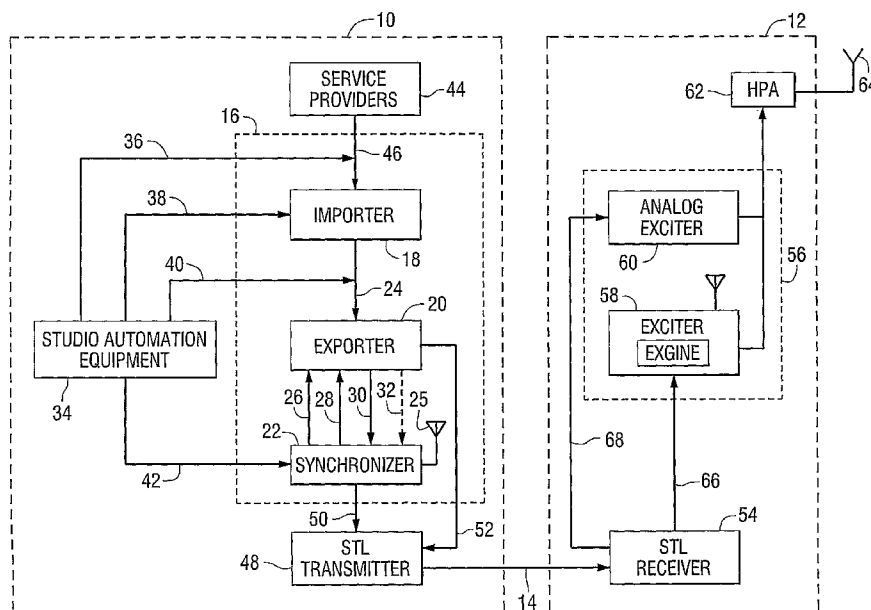
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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(54) Title: METHOD FOR SYNCHRONIZING EXPORTER AND EXCITER CLOCKS



(57) Abstract: A method for synchronizing an exciter clock with a modem frame clock in an IBOC broadcasting system comprises the steps of receiving a plurality of modem frame pulses that are representative of the start of modem frames of audio signals and data signals, wherein timing of the modem frame pulses is controlled by a modem frame clock, producing an exciter clock signal, counting pulses representative of the exciter clock signal to produce a count representative of timing error of each incoming modem frame pulse, and controlling the exciter clock signal in response to the count. An apparatus that performs the method is also provided.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.