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

(54) Title: SYSTEM AND METHOD FOR SYNCHRONISED TELEMATIC MUSIC COLLABORATION

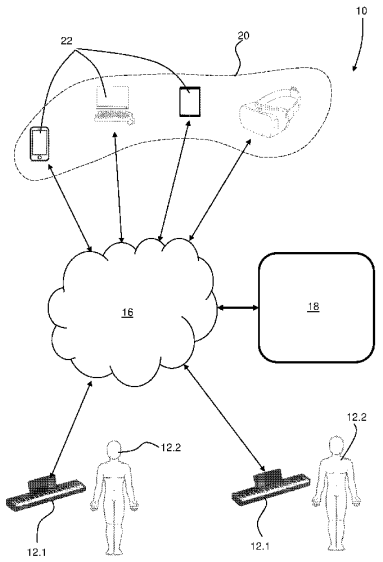


Fig. 3

(57) **Abstract:** Provided is a system 10 system for synchronised telematic music collaboration, the system comprising at least two MIDI-enabled user processing systems 12.1 arranged in signal communication with a control server 18 via the internet 16. The remote server 18 is configured to, upon request, create a shared collaboration session on each user processing system 12.1, each session linked to the control server 18 by an assigned UDP and TCP port allocated MIDI channels, and to establish a UDP MIDI data stream with each session via UDP port, and to establish a multiplexed TCP control MIDI data stream with each session via said TCP port. The control server 18 is further configured to configure each session periodically to transmit a local timestamp signal based on Network Time Protocol (NTP), and to exchange all MIDI data for the session via both allocated UDP and TCP ports. In this manner, real-time music is shareable between sessions via both UDP and TCP MIDI data streams with the TCP control MIDI data stream useable to synchronise said shared UDP and TCP MIDI data streams via UDP and TCP MIDI data stream and periodic local timestamp signal comparison.

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