

AMENDMENTS TO THE CLAIMS

1. A method for controlling a connected technology by audio signal, comprising converting an analogue signal of a sound recording into a digital signal, characterized by the fact that converting the digital signal from a time domain to a frequency domain, providing a signal corresponding to the digital signal in the frequency domain a plurality of individual attributes the individual attributes being a connection or algorithm that generates signals from the signal corresponding to the digital signal in the frequency domain and including pre-set data comprising information regarding which connected technology and which parameter, respectively, are influenced by the individual attribute, generating an actual scene for each attribute of the plurality of attributes at any moment in time, generating a resulting scene from the actual scenes and directly controlling the connected technology according to the resulting scene.

2. The method as in Claim 1, characterized by the fact that comprising preparing, from the signal corresponding to the digital signal in the frequency domain, at least an arithmetic mean of sound volume of low, medium and high frequencies in a short, and a long time span and an arithmetic mean of an overall sound volume in the short and the long time span.

3. The method as in Claim 1 or 2, wherein pre-set data for the plurality of attributes comprises, for each individual attribute of the plurality of attributes, information on which technology and which parameter, respectively, are influenced by the individual

attribute and wherein the pre-set data is static data or a sequence of scenes in time.

4. The method as in Claim 1, 2 or 3, wherein comprising a plurality of ratio controllers, each ratio controller corresponding to an individual corresponding attribute of the plurality of attributes, wherein the pre-set data for each individual corresponding attribute of the plurality of attributes is influenced by an output value of the individual corresponding attribute in a corresponding ratio controller.

5. The method as in Claim 4, wherein, in a static scene, a size of an output value of each ratio controller of the plurality of ratio controllers is given linearly in a same ratio as an output value of a corresponding attribute, while in case a marginal value of the output of the corresponding attribute is 100%, the output value of the ratio controller shows exactly the same data as defined by the user, and if the marginal value of the output of the corresponding attribute is 0%, the output of the ratio controller is zero, and, in a sequence of scenes in time, the output value of the corresponding attribute influences linearly a speed of the sequence in a range of 0 to 100%, where if the output value of the corresponding attribute is zero, the output value of the ratio controller is also zero.

6. The method as in Claim 4 or 5, wherein if output values from a ratio controller of the plurality of ratio controllers are zero, it is ignored.

7. The method as in Claim 4, 5 or 6, wherein it comprising, if any of the output values of

the plurality of ratio controllers influences the same parameters of the same technology, prioritizing use of an output value from one ratio controller of the plurality of ratio controllers

8. The method as in Claim 7, wherein it comprising linearly prioritizing the ratio controllers so that a first connected ratio controller has a lowest priority and a last ratio controller has a highest priority.

9. A device for performing the method as in anywhere claim from 1 to 8, comprising an A/D converter (2) comprising an the input for receiving an analogue audio signal, wherein a signal converter (3) for converting the digital signal from s time domain to a frequency domain connected to the A/D converter (2), and a plurality of attributes (5a), information elements (5b), and ratio controllers (5c), each attribute of the plurality of attributes being connected to a corresponding information element (5b) of the plurality of information elements by a corresponding ratio controller (5c) of the plurality of ratio controllers (5c) a switch (7) is attached to each information element (5b) of the plurality of information elements to the output (8).

10. The device as in Claim 9, wherein comprising an averaging device (4) connected to the signal converter (3) and to the A/D converter (2) in order to average values from the frequency and time domains, the plurality of attributes being connected to an output of the averaging device (4).

11. The device as in Claim 10, wherein comprising a complementing unit (6) installed between the switch (7) and individual ratio controllers of the plurality of ratio controllers.

REMARKS

Reconsideration is requested for claims 1-11.

Claims 1-11 were rejected under 35 U.S.C. 112, second paragraph. The claims have been amended to address the grounds for rejection and withdrawal of the rejection is cordially urged.

Claims 1 and 3-9 were rejected under 35 U.S.C, 102(b) as being anticipated by WO 01/99475 to Dowling. Claims 2 and 10 were rejected under 35 U.S.C. 103(a) as being unpatentable over Dowling in view of U.S. Patent No. App. Pub. US2006/0038498 to Maurer. Claim 11 was rejected under 35 U.S.C. 1.03(a) as being unpatentable over Dowling in view of U.S. Patent No. 3,869,699 to Haller et al.

Claim 1 defines a method for controlling a connected technology by audio signal, comprising converting an analogue signal of a sound recording into a digital signal, converting the digital signal from a time domain to a frequency domain, providing a signal corresponding to the digital signal in the frequency domain to a plurality of individual attributes, the individual attributes being a connection or algorithm that generates signals from the signal corresponding to the digital signal in the frequency domain and including pre-set data comprising information regarding which connected technology and which parameter, respectively, are influenced by the individual attribute, generating an actual scene for each attribute of the plurality of attributes at any moment in time, generating a resulting scene from the actual scenes and directly controlling the connected technology according to the resulting scene.

The applicant understands the Official Action to consider an "effect" as produced

via the method and apparatus of Dowling to correspond to an attribute. The applicant maintains that Dowling does not disclose a combination of steps including providing a signal corresponding to the digital signal in the frequency domain to a plurality of individual attributes, the individual attributes being a connection or algorithm that generates signals from the signal corresponding to the digital signal in the frequency domain and including pre-set data comprising information regarding which connected technology and which parameter, respectively, are influenced by the individual attribute.

In view of the differences between claim 1 and .Dowling, the applicant respectfully submits that claim 1 is not anticipated by and defines patentably over Dowling. The applicant submits that the other applied art does not cure the defects to Dowling. Withdrawal of the rejections is cordially urged.