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(54) Title: ARTIFICIAL NEURAL NETWORK-ASSISTED CARBON REMOVAL AND SEQUESTRATION ONBOARDING AND CERTIFICATION SYSTEM AND METHOD

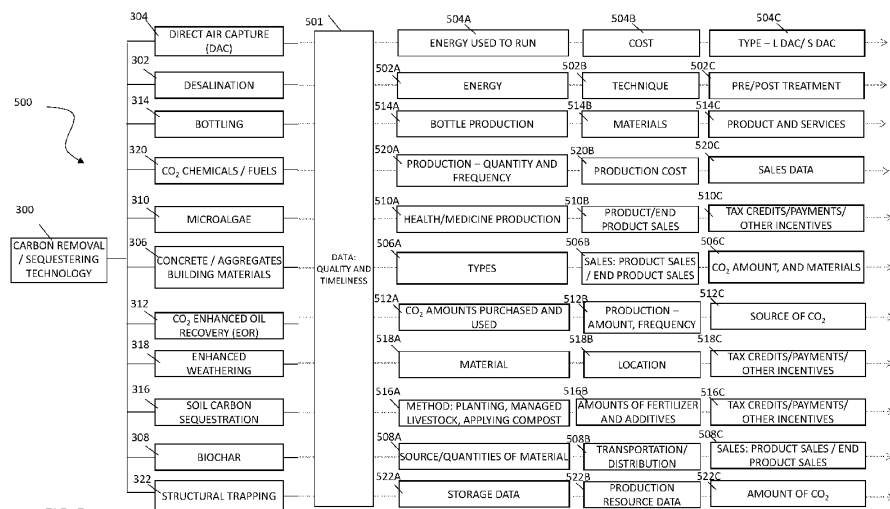


FIG. 5

(57) Abstract: Membership services are provided to each of a plurality of users of a plurality of user computing devices, including via software that configures the plurality of user computing devices to operate within the membership services. An encrypted data payload including information representing at least one of carbon removal and/or carbon sequestering is received by a configured user computing device, and the information is validated. As a function of machine learning and artificial intelligence, at least one of carbon removal and/or carbon sequestering associated with validated information is determined. A respective mandate is accessed and, as a function of the validated information and the respective mandate, a determination is made whether the respective user is compliant with the respective mandate. At least one operating feature of the configured user computing device is disabled or enabled, as a function

[Continued on next page]

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of the user's compliance.