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ABSTRACT OF THE DISCLOSURE

IONIZER CONTROL SYSTEM

An ionizer control system uses a short-range wireless communication means implemented with, for example, Bluetooth (registered trademark) between an ionizer, an ion monitor, and a server, and that automatically evaluates the performance of the ionizer and the ion monitor, monitors the operational state thereof, and adjusts the ion balance. The ionizer control system includes an ionizer, an ion monitor, and a server, each having communication means that complies with a short-distance wireless communication standard, such as Bluetooth. For example, ionizer control data, including the magnitude and time of a positive or negative voltage applied to emitters, and operational state data are transmitted and received between the server and the ionizer. For example, ion monitor control data, such as a charge start voltage applied to a charge plate and a stop voltage, and operational state data are transmitted and received between the server and the ion monitor.

FIG. 1