ABSTRACT

The present invention discloses an electronic lock for controlling access to a restricted physical space, the electronic lock being configured to be assigned to a lock group with at least one other electronic lock, the electronic lock comprising a communication module; a processor; a memory storing instructions; and a locking mechanism; wherein the processor, upon executing the instructions, is configured to receive, via the communication module, authentication credentials from a lock control device, receive, via the communication module, a control signal from the lock control device, the control signal being generated by the lock control device in response to determining a successful match between a received input gesture and a predetermined input gesture associated with the lock group; and actuate the locking mechanism to an unlock state in response to the received control signal, wherein the control signal is sent by the lock control device to unlock the electronic lock and the at least one other electronic lock sequentially.

FIG. 1