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Mighdoll et al.

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(54) **METHODS, SYSTEMS, AND RELATED ARCHITECTURES FOR MANAGING NETWORK CONNECTED DEVICES**

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This patent is subject to a terminal disclaimer.

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(58) **Field of Classification Search**

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(Continued)

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(57) **ABSTRACT**

A device management system facilitates an automatic pairing of an electronic device with a management account. The device management system receives a public network address associated with a computer device on a private network accessing the management account. The system retrieves the metadata including a public network address associated with a registration of the electronic device with the device management system. The public network address registered with the metadata is provided by a router on the private network and therefore should match the public network address used by computer devices on the private network. The management account is paired with the electronic device if the electronic device has the same public network address as the computer device accessing the management account. Pairing the management account to the electronic device allows the management account to communicate with the electronic device over the public network through the device management system.

19 Claims, 26 Drawing Sheets

