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HAUSERMANN et al.

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(54) **IDENTIFYING DEVICES AND DEVICE INTENTS IN AN IOT NETWORK**

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(71) Applicant: **Cisco Technology, Inc.**, San Jose, CA (US)

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(72) Inventors: **Laurent Jean Charles HAUSERMANN**, Lyon (FR); **Maik Guenter SEEWALD**, Nuernberg (DE); **André GUÉRARD**, Saint Etienne (FR); **Ruben Gerald LOBO**, Raleigh, NC (US); **Daniel R. BEHRENS**, Chardon, OH (US); **Gulian LORINI**, Lyon (FR); **Laetitia POT**, Lyon (FR)

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ABSTRACT

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According to one or more embodiments of the disclosure, an asset inventory service executed by one or more devices receives telemetry data collected passively by a sensor application regarding a node in a network. The asset inventory service requests, after receiving the telemetry data, that the sensor application perform active discovery of nodes in the network. The asset inventory service receives active discovery data collected by the sensor application via active discovery of nodes in the network. The asset inventory service generates, based on the telemetry data and the active discovery data, an identity profile for the node.

