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Vysotsky et al.

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(54) **SYSTEMS AND METHODS FOR SELECTING TUNNELS FOR TRANSMITTING APPLICATION TRAFFIC BY AN SD-WAN APPLICATION**

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(71) Applicant: **Citrix Systems, Inc.**, Fort Lauderdale, FL (US)

(72) Inventors: **Vladimir Vysotsky**, San Jose, CA (US);
Snigdendu S. Mukhopadhyay, Fremont, CA (US)

(73) Assignee: **Citrix Systems, Inc.**, Fort Lauderdale, FL (US)

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ABSTRACT

Systems and methods for selecting tunnels for transmitting application traffic by an SD-WAN application include a software-defined wide area network (SD-WAN) application executing on a client device establishing a connection between the SD-WAN application and one or more applications. The SD-WAN application maintains a plurality of tunnels between the SD-WAN application and respective tunnel destinations. The SD-WAN application receives application traffic from an application of the one or more applications. The SD-WAN application selects, based on the application traffic, a respective tunnel of the plurality of tunnels via which to transmit the application traffic of the application. The SD-WAN application transmits the application traffic via the selected tunnel.

