Paper No. 101 Filed: January 23, 2020

UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD THE MANGROVE PARTNERS MASTER FUND, LTD. and APPLE INC. Petitioners, v. VIRNETX INC., Patent Owner.

PETITIONER THE MANGROVE PARTNERS FUND, LTD.'S UPDATED POWER OF ATTORNEY

Case No. IPR2015-01046¹ Patent No. 6,502,135

¹ Apple Inc., who filed a petition in IPR2016-00062, has been joined as a Petitioner in the instant proceeding.



In accordance with 37 C.F.R. § 42.10(b), Petitioner The Mangrove Master Fund, Ltd., hereby appoints:

Lead Counsel

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as its representative to act on its behalf in the above-identified inter partes review proceedings, with full power to appoint an associate agent, and to transact all business in the United States Patent and Trademark Office in connection herewith.

I have authority to sign this document on behalf of Petitioner The Mangrove Partners Master Fund, Ltd.

Name:

Date: 1/23/20

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), this is to certify that on this 23rd day of January, 2020, I caused to be served a true and correct copy by electronic means of the foregoing on the following counsel:

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Dated: January 23, 2020

/Jeffrey P. Kushan/ Jeffrey P. Kushan Reg. No. 43,401 Sidley Austin LLP 1501 K Street, N.W. Washington, D.C. 20005 T: 202-736-8000 Attorney for Petitioner Apple Inc. Respectfully Submitted,

/James T. Bailey/ James T. Bailey Reg. No. 44,518 The Law Office of James. T. Bailey 504 W. 136th St. #1B New York, NY 10031 T: 917-626-1356 Attorneys for Petitioner Mangrove

