

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CISCO SYSTEMS, INC.

Petitioner

v.

FOCAL IP, LLC

Patent Owner

Case IPR2016-01257
Patent Number: 8,457,113

PATENT OWNER'S UPDATED POWER OF ATTORNEY

POWER OF ATTORNEY

Pursuant to 37 C.F.R. § 42.10, Patent Owner Focal IP, LLC, hereby appoints the following attorneys and/or agents to transact all business in the United States Patent & Trademark Office associated with this *Inter Partes* review.

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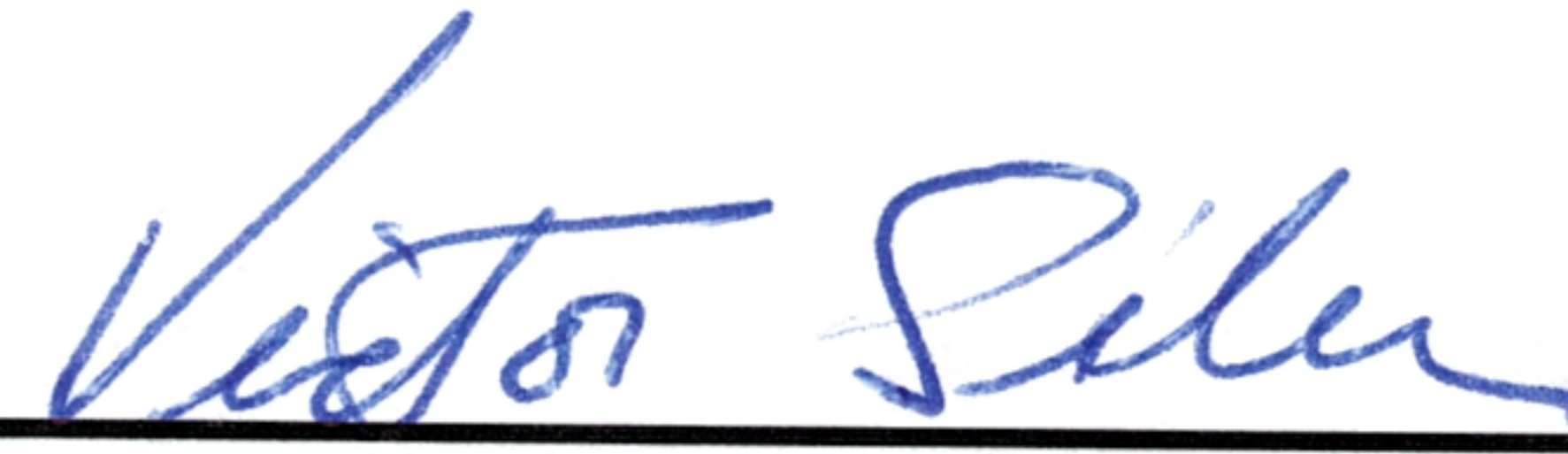
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¹ *Pro Hac Vice* application filed on February 16, 2017, and conditionally granted on February 23, 2017.

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Dated: February 24, 2017

By:



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