504395993 06/02/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4442690

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STANLEY PIETROWICZ	02/16/2015
MICHAEL M. HYLKEMA	02/04/2015
PAUL D. MARTIN	02/11/2015
JASON YOUZWAK	02/24/2015
ADITYA NAIDU	02/12/2015

RECEIVING PARTY DATA

Name:	VENCORE LABS, INC.
Street Address:	150 MOUNT AIRY ROAD
City:	BASKING RIDGE
State/Country:	NEW JERSEY
Postal Code:	07920

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15606717

CORRESPONDENCE DATA

Fax Number: (518)452-5579

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 518-452-5600

Email: karen.scipio@hrfmlaw.com
Correspondent Name: RACHEL L. PEARLMAN
Address Line 1: 5 COLUMBIA CIRCLE

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	3899.011D-1
NAME OF SUBMITTER:	RACHEL L. PEARLMAN
SIGNATURE:	/Rachel L. Pearlman/
DATE SIGNED:	06/02/2017

Total Attachments: 20

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PATENT REEL: 042578 FRAME: 0777

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PATENT REEL: 042578 FRAME: 0778

ASSIGNMENT

WHEREAS, We,

Stanley Pietrowicz, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Michael M. Hylkema, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Paul D. Martin, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Jason Youzwak, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and

Aditya Naidu, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

have invented certain new and useful improvements in SYSTEM AND METHOD FOR NETWORK TRAFFIC PROFILING AND VISUALIZATION for which is the subject matter of United States Non-Provisional Patent Application Serial No. 14/606,621, filed January 27, 2015 and;

WHEREAS, **Vencore Labs, Inc.**, a Delaware corporation, having offices at 150 Mount Airy Road, Basking Ridge, New Jersey 07920, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said applications;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, Stanley Pietrowicz, Michael M.

Hylkema, Paul D. Martin, Jason Youzwak and Aditya Naidu have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Vencore Labs, Inc., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any

Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

	ON I WHEREOF, I Heleullo Se	t my nanu and sear this	<u>/ K∕</u> uay u
tehrua	<u>,</u> 2015.		
	J	Stanly F	than
	1 100011	Stanley I	Pietrowicz
STATE OF	New Fersey, ss.:		
	1 t A Ale (RP) ss.:		
COUNTY O	DEM (OUT SA)		
Ont	his 16 day of Flonewy	2015 hafara ma narr	anally same Stanley
Ont	ills to day of T work word	, zo is, before the pers	sonally came Stanle
Pietrowicz	, to me known and known to me	to be the person of that	name, who signed
and sealed	the foregoing instrument, and h	ne acknowledged the san	ne to be his free act
and deed.	,	$\bigvee a$.	
una acca.		DUMBEL	Jeneel
1	SHANNON DOWNEY	Notary Public	
	NOTARY PUBLIC	/ 1	<u> </u>

NOTARY PUBLIC STATE OF NEW JERSEY

MY COMMISSION EXPIRES OCTOBER 7, 2018

IN TESTIMONY V	WHEREOF, I hereunto , 2015.	set my hand and seal this day of
STATE OF)) ss.:	Michael M. Hylkema
who signed and s) _ day of ema, to me known and sealed the foregoing ins	, 2015, before me personally came known to me to be the person of that name, strument, and he acknowledged the same to be
his free act and d	eed.	Notary Public
IN TESTIMONY \	NHEREOF, I hereunto , 2015.	set my hand and seal this day of
STATE OF)) ss.:	Paul D. Martin
	ý _ day of own and known to me t	, 2015, before me personally came Paul D. o be the person of that name, who signed and acknowledged the same to be his free act and
		Notary Public

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IN TESTIMONY WHEREOF, I hereunto	o set my hand and seal this day of
STATE OF)	Jason Youzwak
) ss.:	
COUNTY OF)	
Youzwak, to me known and known to r	, 2015, before me personally came Jason me to be the person of that name, who signed nd he acknowledged the same to be his free act
	Notary Public
IN TESTIMONY WHEREOF, I hereunto	o set my hand and seal this day of
	Aditya Naidu
STATE OF) ss.: COUNTY OF)	
Naidu, to me known and known to me t	, 2015, before me personally came Aditya to be the person of that name, who signed and e acknowledged the same to be his free act and
	Notary Public

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ASSIGNMENT

WHEREAS, We,

Stanley Pietrowicz, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Michael M. Hylkema, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Paul D. Martin, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Jason Youzwak, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and

Aditya Naidu, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

have invented certain new and useful improvements in SYSTEM AND METHOD FOR NETWORK TRAFFIC PROFILING AND VISUALIZATION for which is the subject matter of United States Non-Provisional Patent Application Serial No. 14/606,621, filed January 27, 2015 and;

WHEREAS, **Vencore Labs**, **Inc.**, a Delaware corporation, having offices at 150 Mount Airy Road, Basking Ridge, New Jersey 07920, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said applications;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, Stanley Pietrowicz, Michael M. Hylkema, Paul D. Martin, Jason Youzwak and Aditya Naidu have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Vencore Labs, Inc., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any

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Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY	WHEREOF, I here , 2015.	unto set my hand and seal this day of
		Stanley Pietrowicz
STATE OF)	•
) ss.:	
COUNTY OF)	
On this	day of	, 2015, before me personally came Stanley
•		In to me to be the person of that name, who signed it, and he acknowledged the same to be his free act
		Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4 day of Lebrary, 2015.
STATE OF Mary land) ss.: COUNTY OF Balkimore)
On this 4th day of February, 2015, before me personally came Michael M. Hylkema, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.
Netary Public-Maryland Baltimore County My Commission Expires February 23, 2016 Notary Public Notary Public
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of, 2015.
STATE OF) ss.:
On this day of, 2015, before me personally came Paul D. Martin, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.
Notary Public

IN TESTIMONY WHEREOF, I her , 2015.	eunto set my hand and seal this day of
	Jason Youzwak
STATE OF) ss.:	
COUNTY OF)	, 2015, before me personally came Jason
On this day of Youzwak, to me known and know and sealed the foregoing instrume and deed.	n to me to be the person of that name, who signed ont, and he acknowledged the same to be his free act
	Notary Public
•	eunto set my hand and seal this day of
, 2015.	
	Aditya Naidu
STATE OF) ss.:	
COUNTY OF) On this day of	, 2015, before me personally came Aditya
Naidu, to me known and known to sealed the foregoing instrument, a deed.	o me to be the person of that name, who signed and and he acknowledged the same to be his free act and
	Notary Public

<u>ASSIGNMENT</u>

WHEREAS, We,

Stanley Pietrowicz, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Michael M. Hylkema, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Paul D. Martin, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Jason Youzwak, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and

Aditya Naidu, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

have invented certain new and useful improvements in SYSTEM AND METHOD FOR NETWORK TRAFFIC PROFILING AND VISUALIZATION for which is the subject matter of United States Non-Provisional Patent Application Serial No. 14/606,621, filed January 27, 2015 and;

WHEREAS, Vencore Labs, Inc., a Delaware corporation, having offices at 150 Mount Airy Road, Basking Ridge, New Jersey 07920, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said applications;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, Stanley Pietrowicz, Michael M. Hylkema, Paul D. Martin, Jason Youzwak and Aditya Naidu have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Vencore Labs, Inc., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof. and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any

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PATENT

REEL: 042578 FRAME: 0787

Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument,

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AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

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IN TESTIMONY		DF, I hereunto set my hand a 2015.	and seal this day of
		Elisabete mares relativistics	Stanley Pietrowicz
STATE OF		The state of the s	-
COUNTY OF) ss.:: ននៈ::	
	day of		efore me personally came Stanley
Pietrowicz, to r	ne known	and known to me to be the p	erson of that name, who signed
and sealed the tand deed.	foregoing i	nstrument, and he acknowle	dged the same to be his free act
		14. 人名英格兰 医神经性 医皮肤	
		Notary (Notary	Public
		a jaho mora a arabha.	

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IN TESTIMONY WE	IEREOF, I hereunto set my hand and seal this day of, 2015.
074TF 0F	Michael M. Hylkema
STATE OF)) ss.:
COUNTY OF)
On this o	
	a, to me known and known to me to be the person of that name, aled the foregoing instrument, and he acknowledged the same to be
THO THOU WOL GITTE GOO	
	Notary Public
	the Allendary Commencer of the Commencer
	the constraints of the constrain
STATE OF Many COUNTY OF Ball On this Martin, to me know sealed the foregoing deed.	Paul D. Martin Paul D. Martin
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	and the second of the second o
	to de la transportação de la composição de

CONTRACTOR POWERSHIPS

IN TESTIMONY WH	IEREOF, I hereunto set my hand and seal this day of	
	, 2015.	
STATE OF	Jason Youzwak	
OTATE OF) ss.:	
COUNTY OF)	
	lay of, 2015, before me personally came Ja ssown and known to me to be the person of that name, who signer going instrument, and he acknowledged the same to be his free	ed
	Notary Public	· · · · · ·
	Notary i ubile	
	parakatikat bay asi s	
IN TESTIMONY WH	IEREOF, I hereunto set my hand and seal this day of, 2015.	
	i vijerija kalenderija (j. 1900.) 1 vijerija - Nacional State (j. 1900.)	
STATE OF	Aditya Naidu	
COUNTY OF) ss.:)	
On this d Naidu , to me known sealed the foregoing	ay of, 2015, before me personally came Ad and known to me to be the person of that name, who signed a instrument, and he acknowledged the same to be his free act	nd
deed.	er e	
	Notary Public	
	ungut - Den ary Ayan	

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PATENT

REEL: 042578 FRAME: 0790

ASSIGNMENT

WHEREAS, We,

Stanley Pietrowicz, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Michael M. Hylkema, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Paul D. Martin, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Jason Youzwak, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and

Aditya Naidu, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

have invented certain new and useful improvements in **SYSTEM AND METHOD FOR NETWORK TRAFFIC PROFILING AND VISUALIZATION** for which is the subject matter of United States Non-Provisional Patent Application Serial No. 14/606,621, filed January 27, 2015 and;

WHEREAS, **Vencore Labs, Inc.,** a Delaware corporation, having offices at 150 Mount Airy Road, Basking Ridge, New Jersey 07920, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said applications;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, Stanley Pietrowicz, Michael M. Hylkema, Paul D. Martin, Jason Youzwak and Aditya Naidu have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Vencore Labs, Inc., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any

Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Vencore Labs, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY	WHEREOF, I hereur , 2015.	nto set my hand and seal this day of
		Stanley Pietrowicz
STATE OF)	
) ss.:	
COUNTY OF)	
On this	day of	, 2015, before me personally came Stanle
•		to me to be the person of that name, who signed and he acknowledged the same to be his free act
		Notary Public

IN TESTIMONY WHEREOF, I hereunto set i , 2015.	my hand and seal this day of
STATE OF)) ss.:	Michael M. Hylkema
COUNTY OF)	
	Notary Public
IN TESTIMONY WHEREOF I beroupte set a	my hand and soal this
IN TESTIMONY WHEREOF, I hereunto set i	
STATE OF)	Paul D. Martin
) ss.: COUNTY OF On this day of Martin, to me known and known to me to be sealed the foregoing instrument, and he ackideed.	
	Notary Public

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Docket No.: 3899.011D IN TESTIMONY WHEREOF, I hereunto set my hand and seal this A COUNTY OF Middle Sex On this July day of _ _, 2015, before me personally came Jason Youzwak, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed. SHANNON DOWNEY **NOTARY PUBLIC** STATE OF NEW JERSEY MY COMMISSION EXPIRES OCTOBER 7, 2018 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2015. Aditya Naidu STATE OF **COUNTY OF** , 2015, before me personally came Aditya On this Naidu, to me known and known to me to be the person of that name, who signed and

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sealed the foregoing instrument, and he acknowledged the same to be his free act and

Notary Public

{H0149585.1}

deed.

ASSIGNMENT

WHEREAS, We,

Stanley Pietrowicz, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Michael M. Hylkema, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Paul D. Martin, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

Jason Youzwak, a citizen of the United States of America, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and

Aditya Naidu, a citizen of India, with place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920;

have invented certain new and useful improvements in **SYSTEM AND METHOD FOR NETWORK TRAFFIC PROFILING AND VISUALIZATION** for which is the subject matter of United States Non-Provisional Patent Application Serial No. 14/606,621, filed January 27, 2015 and;

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IN TESTIMONY	WHEREOF, I here , 2015.	eunto set my hand and seal this day of
		Stanley Pietrowicz
STATE OF)	•
) ss.:	
COUNTY OF)	
On this	day of	, 2015, before me personally came Stanley
Pietrowicz, to m	ne known and know	vn to me to be the person of that name, who signed nt, and he acknowledged the same to be his free act
		Notary Public

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IN TESTIMONY WHEREOF, I hereunto set n , 2015.	ny hand and seal this day of
, 2010.	
STATE OF) ss.:	Michael M. Hylkema
COUNTY OF)	
	Notary Public
IN TESTIMONY WHEREOF, I hereunto set n, 2015.	ny hand and seal this day of
STATE OF)	Paul D. Martin
) ss.: COUNTY OF On this day of, Martin, to me known and known to me to be sealed the foregoing instrument, and he acknowled.	
	Notary Public

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IN TESTIMONY WHEREOF, I hereunto set my I	nand and seal this day of
STATE OF)) ss.:	Jason Youzwak
COUNTY OF On this day of, 20 Youzwak, to me known and known to me to be and sealed the foregoing instrument, and he ack and deed.	
Ī	Notary Public
IN TESTIMONY WHEREOF, I hereunto set my h	nand and seal this <u>I2</u> day of
	Aditya Naidu
STATE OF WEW SUSCY)	Aditya Naidu
STATE OF WELLS) ss.: COUNTY OF MARCEY) ss.: On this 12 day of Florary , 20 Naidu, to me known and known to me to be the sealed the foregoing instrument, and he acknow deed. SHANNON DOWNEY	person of that name, who signed and ledged the same to be his free act and
NOTARY PUBLIC STATE OF NEW JERSEY MY COMMISSION EXPIRES OCTOBER 7, 2018	otary Public

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