## 505842537 12/31/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

EPAS ID: PAT5889473

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
STEVEN ROGERS	10/19/2012
SEAN MOORE	10/09/2012

#### **RECEIVING PARTY DATA**

Name:	CENTRIPETAL NETWORKS, INC.
Street Address:	C/O CENTRIPETAL NETWORKS, INC.
Internal Address:	99 BOW STREET, SUITE 300W
City:	PORTSMOUTH
State/Country:	NEW HAMPSHIRE
Postal Code:	03801

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16728766

### **CORRESPONDENCE DATA**

**Fax Number:** (202)824-3001

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.

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Correspondent Name: BANNER & WITCOFF, LTD.

Address Line 1: 1100 13TH ST. NW

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ATTORNEY DOCKET NUMBER:	007742.00151
NAME OF SUBMITTER:	SCOTT M. KELLY
SIGNATURE:	/Scott M Kelly/
DATE SIGNED:	12/31/2019

### **Total Attachments: 4**

source=007742.00151 Assignment (as filed in 00017)#page1.tif source=007742.00151 Assignment (as filed in 00017)#page2.tif source=007742.00151 Assignment (as filed in 00017)#page3.tif

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source=007742.00151 Assignment (as filed in 00017)#page4.tif

PATENT REEL: 051391 FRAME: 0957

#### ASSIGNMENT

	WHEREAS,	We,	Steven	Rogers,	a res	ident o	of L	eesburg,	VA,	and	Sean	Moor	re, a	resid	ent of
Hollis,	NH (ASSIG	NORS	), are t	he inver	itors c	of certa	in i	nventions	and	impi	roven	ents	desci	ribed	in the
followi	ng marked do	cumer	nts:												

	U.S. Provisional Application numbertitle	, filed on	, and having the
$\boxtimes$	U.S. patent application no. 13/657,010 METHODS AND SYSTEMS FOR PROTECT	-	and having the title

and WHEREAS

Centripetal Networks, Inc. 41378 Raspberry Drive Leesburg, VA 20176-7826 USA

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we 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 or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

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And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 10/19/2012	Inventor:
	Steven Rogers
Date:	Inventor:
	Sean Moore

LAW OFFICES
BANNER & WITCOFF, LTD.
1100 13<sup>th</sup> STREET, N.W., Ste. 1200
WASHINGTON, D.C. 20005-4051
(202) 824-3000

### ASSIGNMENT

	WHERE	AS, V	Ve, Steve	n Rog	ers, a	reside	ent of	Leesburg,	VA,	and	Sean	Moore	e, a	reside	ent c	)f
Hollis,	NH (AS	SIGNO	ORS), are	the ir	ventor	s of c	ertain	inventions	s and	imp	roven	nents d	escr	ibed	in th	ıe
follow	ing marke	d docu	ments:							-						

	U.S. Provisional Application	number	, filed on	, and having the
	title		***************************************	
$\boxtimes$	U.S. patent application no1	3/657,010	filed on even date herewith, a	nd having the title
	METHODS AND SYSTEMS FO	OR PROTECTING A	SECURED NETWORK	

and WHEREAS

Centripetal Networks, Inc. 41378 Raspberry Drive Leesburg, VA 20176-7826 USA

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we 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 or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: Inventor: Steven Rogers

Date: 09-01-2012 Inventor: Lean Mooke

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