

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VINCENT MUTOLO	10/03/2022
ALEXANDER CHINCHILLI	10/03/2022
SEAN MOORE	10/11/2022
MATTHEW SPARROW	10/25/2022
CONNOR TESS	10/11/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CENTRIPETAL NETWORKS, INC.
<b>Street Address:</b>	C/O CENTRIPETAL NETWORKS, INC.
<b>Internal Address:</b>	99 BOW STREET, SUITE 300W
<b>City:</b>	PORTSMOUTH
<b>State/Country:</b>	NEW HAMPSHIRE
<b>Postal Code:</b>	03801
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17946900
Application Number:	17946932
Application Number:	63245074
Application Number:	63345719
PCT Number:	US2243886
<b>CORRESPONDENCE DATA</b>	
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<i>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.</i>	
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<b>Email:</b>	JPOWELL@BANNERWITCOFF.COM
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<b>Address Line 1:</b>	71 SOUTH WACKER DRIVE
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<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	007742.00327

PATENT

<b>NAME OF SUBMITTER:</b>	JUSTIN M. PHILPOTT
<b>SIGNATURE:</b>	/Justin M. Philpott/
<b>DATE SIGNED:</b>	11/15/2022
<b>Total Attachments: 4</b> source=007742.00327 - Executed Assignment#page1.tif source=007742.00327 - Executed Assignment#page2.tif source=007742.00327 - Executed Assignment#page3.tif source=007742.00327 - Executed Assignment#page4.tif	

CONFIRMATION/ASSIGNMENT

This Confirmation/Assignment (AGREEMENT) is made and entered into by and between Vincent Mutolo, Alexander Chinchilli, Sean Moore, Matthew Sparrow and Connor Tess (ASSIGNORS), and Centripetal Networks, Inc. (ASSIGNEE), a corporation having offices and a place of business at 99 Bow St., Suite 300W, Portsmouth, NH 03801.

ASSIGNORS are inventors of subject matter (INVENTION) disclosed and/or claimed in the following patent applications (APPLICATIONS):

U.S. non-provisional patent application having serial no. 17/946,900, filed September 16, 2022, titled "MALICIOUS HOMOGRAPHIC DOMAIN NAME DETECTION AND ASSOCIATED CYBER SECURITY APPLICATIONS," and having attorney docket no. 007742.00327\US;

U.S. non-provisional patent application having serial no. 17/946,932, filed September 16, 2022, titled "MALICIOUS HOMOGRAPHIC DOMAIN NAME GENERATION AND ASSOCIATED CYBER SECURITY APPLICATIONS," and having attorney docket no. 007742.00337\US;

U.S. provisional patent application having serial no. 63/245,074, filed September 6, 2021, titled "SYSTEM AND METHOD FOR EFFICIENT DETECTION OF MALICIOUS HOMOGRAPHIC DOMAIN NAMES," and having attorney docket no. 007742.00260\US;

U.S. provisional patent application having serial no. 63/345,719, filed May 25, 2022, titled "SYSTEM AND METHOD FOR EFFICIENT DETECTION AND GENERATION OF MALICIOUS HOMOGRAPHIC DOMAIN NAMES" and having attorney docket no. 007742.00303\US; and

International patent application serial no. PCT/US2022/043886, filed September 16, 2022, titled "MALICIOUS HOMOGRAPHIC DOMAIN NAME DETECTION, GENERATION, AND ASSOCIATED CYBER SECURITY APPLICATIONS," and having attorney docket no. 007742.00334\WO.

If the filing date and serial number of any of the APPLICATIONS are blank at the time of execution of this AGREEMENT, ASSIGNORS authorize the attorneys for ASSIGNEE to

insert filing dates and serial numbers after they become known and prior to recording this AGREEMENT.

For good and valuable consideration (including salary and/or payment for the making of inventions, and/or employee benefits), the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS confirm that ASSIGNORS did (under the law of the jurisdiction(s) where the INVENTION was conceived, reduced to practice and/or made, and/or under an employment or other agreement with ASSIGNEE) sell, assign, and transfer, or else ASSIGNORS now do sell, assign, and transfer to ASSIGNEE, ASSIGNORS' entire right, title, and interest in and to the APPLICATIONS (including the right to claim priority thereto), the INVENTION, and improvements throughout the entire world and in space, including the entire right, title, and interest in and to any and all patents (including but not limited to petty patents, utility model patents, continuations, continuations-in-part, divisions, reissues, extensions, renewals, and non-provisionals based on one or more provisionals) which may be granted for the APPLICATIONS, INVENTION, or improvements (LETTERS PATENT), and including all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the INVENTION (RELATED PROPERTY).

ASSIGNORS warrant and covenant that ASSIGNORS either had or do have the full right to convey the entire interest herein assigned at the time of the sale, assignment, and/or transfer. ASSIGNORS warrant and covenant that ASSIGNORS have not executed and will not execute any conflicting sale, assignment, and/or transfer.

ASSIGNORS further covenant and agree that ASSIGNORS will without undue delay execute without further consideration all such papers as may be necessary to perfect title in the APPLICATIONS, the INVENTION, improvements, LETTERS PATENT, and RELATED PROPERTY in ASSIGNEE and its successors and assigns. ASSIGNORS agree to communicate to ASSIGNEE and its successors and assigns all known facts respecting the APPLICATIONS, the INVENTION, improvements, LETTERS PATENT, and RELATED PROPERTY, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE and its successors and assigns to obtain and enforce for their own benefit patent protection for the APPLICATIONS, the INVENTION, and improvements in any and all countries, all at the expense, however, of ASSIGNEE and its successors and assigns.

ASSIGNORS authorize ASSIGNEE and its successors and assigns to file in ASSIGNORS' names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to ASSIGNEE and its successors and assigns any and all LETTERS PATENT for the APPLICATIONS, the INVENTION, and improvements.

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Date

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VINCENT MUTOLO

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Date

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ALEXANDER CHINCHILLI

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Date

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SEAN MOORE

10/25/2022  
Date

  
\_\_\_\_\_  
MATTHEW SPARROW

\_\_\_\_\_  
Date

\_\_\_\_\_  
CONNOR TESS

ASSIGNORS authorize ASSIGNEE and its successors and assigns to file in ASSIGNORS' names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to ASSIGNEE and its successors and assigns any and all LETTERS PATENT for the APPLICATIONS, the INVENTION, and improvements.

2022-10-03  
Date

Vincent Muto  
VINCENT MUTOLO

3 Oct 2022  
Date

Alexander Chinchilli  
ALEXANDER CHINCHILLI

2022-10-11  
Date

Sean Moore  
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Connor TESS  
CONNOR TESS