PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5688016

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS J. MERCOLINO	08/12/2019

RECEIVING PARTY DATA

Name:	VERINETICS
Street Address:	2 DAVIS DRIVE #200
City:	RESEARCH TRIANGLE PARK
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16551989

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ATTORNEY DOCKET NUMBER:	397/27 UTIL
NAME OF SUBMITTER:	TAYLOR MURPHY
SIGNATURE:	/Taylor Murphy/
DATE SIGNED:	08/27/2019

Total Attachments: 3
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DECLARATION AND ASSIGNMENT OF RIGHTS

As a below named inventor (hereinafter designated as the undersigned or the Assignor, where appropriate), I hereby declare that:

The application is as identified by the attorney docket number, title, Filing Date, or Application Title as set forth in the following Table I.

The application in Table I was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the applications in Table I.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned, **Thomas J. Mercolino**, (hereinafter "Assignor") has invented certain new and useful improvements described in the application(s) identified in Table I.

AND, WHEREAS, **Verinetics**, having a place of business at 2 Davis Drive #200, Research Triangle Park, NC 27709 (hereinafter "Assignee"), has already acquired an interest in the application(s) identified in Table I by and through an employment or other agreement between Assignor and Assignee. I further authorize an agent of the Assignee to insert the filing date, application number, and any other identifying particulars as required for perfecting these assignment papers.

However, in the avoidance of doubt and as confirmation of the already acquired interest by Assignee, NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, his entire right, title, and interest in and to the invention and application, including the right to sue for past infringements and any other prior occurring rights, provided any such rights exist, and in and to any and all domestic and foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America, and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with his right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and

entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor further assigns to Assignee the right to claim entitlement and/or priority to any applications that entitlement or priority may be claimed for this or any later filed application, including the assignment of any provisionals or other priority documents to which the inventions claim priority to. The assignment of the right to claim entitlement and/or priority is executed *nunc pro tunc* and is considered effective as of the filing date of the earliest application to which priority and/or entitlement is claimed.

Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

<<<<<<<<   TABLE I and Signature Page follows   >>>>

TABLE I

Application No.	Attorney Docket No.	Filing Date	Title
62/724,057	397/27 PROV	August 29, 2018	COMPOSITIONS, SYSTEMS, AND METHODS FOR UNIQUE IDENTIFIERS EMBEDDED IN MACHINE VERIFIABLE MARKS HAVING ERROR CORRECTION FEATURES

Executed this *12th* day of *August*, ~~2018.~~ *2019*

Thomas J. Mercolino
(Assignor)

Executed this *12th* day of *August*, ~~2018.~~ *2019*

Verinetics Inc.
Name: *THOMAS J MERCOLINO*
Title: *PRESIDENT & CEO*
(Assignee)