

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5946873

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL S SANTARONE	01/06/2020
MICHAEL A WODRICH	01/06/2020
JASON E DUFF	01/06/2020
RANDALL PUGH	01/06/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MIDDLE CHART, LLC
<b>Street Address:</b>	2900 HARTLEY ROAD
<b>City:</b>	JACKSONVILLE
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	32257
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16721906
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	904-346-5526
<b>Email:</b>	ipdocket@rtlaw.com
<b>Correspondent Name:</b>	JOSEPH P. KINCART
<b>Address Line 1:</b>	1301 RIVERPLACE BLVD
<b>Address Line 2:</b>	SUITE 1500
<b>Address Line 4:</b>	JACKSONVILLE, FLORIDA 32207
<b>ATTORNEY DOCKET NUMBER:</b>	STELLAR006CCT1
<b>NAME OF SUBMITTER:</b>	JOSEPH P. KINCART
<b>SIGNATURE:</b>	/J P Kincart/
<b>DATE SIGNED:</b>	02/05/2020
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

*Michael S. Santarone, a citizen of the United States and residing in Jacksonville, Florida, Jason E. Duff, a citizen of the United States and residing in Jacksonville, Florida, Michael A. Wodrich, a citizen of the United States and residing in Jacksonville, Florida and Randall Pugh, a citizen of the United States and residing in Jacksonville, Florida,, hereafter called "the Assignors", have made certain inventions and discoveries which are described in the patent specification entitled:*

**METHOD AND APPARATUS FOR DETERMINING A DIRECTION OF INTEREST**

for the specification of which was filed on December 19, 2019 as Application No 16/721,906.

Whereas, Middle Chart, LLC, having offices and doing business at 2900 Hartley Road, Jacksonville, FL 32257, United States hereafter called "the Assignee", is desirous of acquiring the title, rights, benefits and privileges recited below, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, this indenture witnesses that for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby do assign the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, and any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all Utility, Non-Provisional, divisional, renewal, substitute, continuation and PCT Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent, utility models, design registrations, reissues and extensions of any Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

I hereby authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

I authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as the Assignee may direct;

I warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

I hereby covenant and agree and bind our respective heirs, legal representatives and assigns to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said invention in the United States and foreign countries, and for further investing or confirming the right and title thereto in the Assignee, its successors, assigns or nominees, without charge to or additional consideration from said Assignee, its successors, assigns or nominees.

The undersigned declare under penalty of perjury under the laws of the United States of America that they have signed this document as their own free act and that all of the foregoing is true and correct.

\_\_\_\_\_  
Michael S. Santarone

State of Florida )  
 )  
 ) ss  
County of Duval )

On this 10th day of January, 2020 before me appeared Michael S. Santarone, to me known to be the person described in and who executed the foregoing instrument and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

(OFFICIAL SEAL)



The undersigned declare under penalty of perjury under the laws of the United States of America that they have signed this document as their own free act and that all of the foregoing is true and correct.

*[Signature of Michael A. Wodrich]*

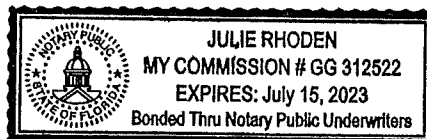
Michael A. Wodrich

State of Florida )  
 ) : ss  
County of Duval )

On this 10th day of January, 2020 before me appeared Michael A. Wodrich, to me known to be the person described in and who executed the foregoing instrument and he acknowledged the same to be his free act and deed.

*[Signature of Julie Rhoden]*  
\_\_\_\_\_  
Notary Public

(OFFICIAL SEAL)



The undersigned declare under penalty of perjury under the laws of the United States of America that they have signed this document as their own free act and that all of the foregoing is true and correct.

*[Signature of Jason E. Duff]*

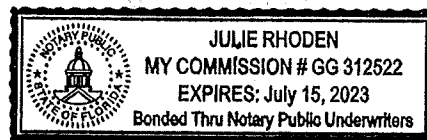
Jason E. Duff

State of Florida )  
 ) : ss  
County of Duval )

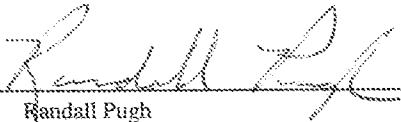
On this 10th day of January, 2020 before me appeared Jason E. Duff, to me known to be the person described in and who executed the foregoing instrument and he acknowledged the same to be his free act and deed.

*[Signature of Julie Rhoden]*  
\_\_\_\_\_  
Notary Public

(OFFICIAL SEAL)



The undersigned declare under penalty of perjury under the laws of the United States of America that they have signed this document as their own free act and that all of the foregoing is true and correct.

  
\_\_\_\_\_  
Randall Pugh

State of Florida                                 )  
  ): ss  
County of Duval                                 )

On this \_\_\_\_\_ day of December, 2019 before me appeared Randall Pugh, to me known to be the person described in and who executed the foregoing instrument and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

(OFFICIAL SEAL)