

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4605183

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
REUBEN F. BURCH V	08/31/2017
DAVID A. DOYLE	08/30/2017
BRIAN D. POPP	08/30/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FEDERAL EXPRESS CORPORATION
<b>Street Address:</b>	3610 HACKS CROSS ROAD
<b>City:</b>	MEMPHIS
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	38125
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15711167
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)643-8913
<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>	770-643-8912
<b>Email:</b>	les@witherskeys.com
<b>Correspondent Name:</b>	WITHERS & KEYS, LLC
<b>Address Line 1:</b>	P. O. BOX 2049
<b>Address Line 4:</b>	MCDONOUGH, GEORGIA 30253
<b>ATTORNEY DOCKET NUMBER:</b>	30006.0090US01
<b>NAME OF SUBMITTER:</b>	F. LESLIE BESSENGER III
<b>SIGNATURE:</b>	/F. Leslie Bessenger III/
<b>DATE SIGNED:</b>	09/21/2017
<b>Total Attachments: 4</b>	
source=30006-0049USP1-executed-Assignment#page1.tif	
source=30006-0049USP1-executed-Assignment#page2.tif	
source=30006-0049USP1-executed-Assignment#page3.tif	
source=30006-0049USP1-executed-Assignment#page4.tif	

**ASSIGNMENT**

WHEREAS, we, **REUBEN F. BURCH**, residing at 120 Morgan Avenue, Mississippi State, MS 39762; **DAVID A. DOYLE**, residing at 4486 Smith Road, Hernando, MS 38632, and **BRIAN D. POPP**, residing at 2419 Greencliff Drive, Southaven, MS 38672, made certain new and useful inventions and improvements for which I filed a provisional application for Letters Patent of the United States on **September 28, 2016**, provisional application Serial No. **62/400,906**, which is entitled **“DRONE-BASED MONITORING OF SHIPPED ITEMS IN A DELIVERY VEHICLE, DRONE-BASED INSPECTIONS OF THE DELIVERY VEHICLE, AND PROVIDING ADAPTIVE EXTENSION OF COMMUNICATIONS WITH ONE OR MORE ITEMS SHIPPED WITHIN THE DELIVERY VEHICLE USING A DRONE-BASED AERIAL COMMUNICATION HUB”**.

AND WHEREAS, **Federal Express Corporation**, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having an office and place of business at 3610 Hacks Cross Road, Memphis, Tennessee 38125 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, continuations-in-part or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we, and executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by us.

Name of the Inventor: Reuben F. Burch V  
Signature of Inventor: [Handwritten Signature]  
Date: 8-31-17

STATE OF Mississippi COUNTY OF Winston

Before me, a Notary Public in and for the State of Mississippi on this 31 day of August, 2017, personally appeared **Reuben F. Burch V** who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Handwritten Signature]  
NOTARY PUBLIC

My Commission Expires: 07/05/18



Name of the Inventor:

David A. Doyle

Signature of Inventor:

[Handwritten Signature]

Date:

8/30/17

STATE OF Tennessee

COUNTY OF Shelby

Before me, a Notary Public in and for the State of Tennessee on this 30<sup>th</sup> day of August, 2017, personally appeared **David A. Doyle** who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Rosie Odum  
NOTARY PUBLIC

My Commission Expires: 4-21-2020



Name of the Inventor: Brian D. Popp  
Signature of Inventor: *Brian D. Popp*  
Date: 8/30/17

STATE OF TENNESSEE COUNTY OF SHELBY

Before me, a Notary Public in and for the State of Tennessee on this 30<sup>th</sup> day of AUGUST, 2017, personally appeared **Brian D. Popp** who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

*Rodney Odum*  
NOTARY PUBLIC

My Commission Expires: 4-21-2020

