

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
David J. Copeland	06/20/2008
<b>RECEIVING PARTY DATA</b>	
Name:	Broadwing Corporation
Street Address:	1122 Capital of Texas Highway South
City:	Austin
State/Country:	TEXAS
Postal Code:	78746-6426
<b>PROPERTY NUMBERS Total: 3</b>	
Property Type	Number
Application Number:	11446392
Application Number:	60711306
Application Number:	60686551
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(412)394-2555
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4123942305
Email:	dwolf@thorpreed.com
Correspondent Name:	Darren E. Wolf
Address Line 1:	301 Grant Street
Address Line 2:	Thorp Reed & Armstrong, LLP
Address Line 4:	Pittsburgh, PENNSYLVANIA 15219
ATTORNEY DOCKET NUMBER:	DB1716-002
NAME OF SUBMITTER:	Darren E. Wolf
Total Attachments: 3 source=level 3 assignment db1716 002 (01062905)#page 1.tif	

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**PATENT  
 REEL: 023541 FRAME: 0758**

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## ASSIGNMENT OF INVENTION

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application or  U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By:  Inventor(s) or  Present Owner

In consideration of the payment by ASSIGNEE(S) to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR(S)**

Raymond Zaroni		United States of America
Name of Assignor	Address	Nationality
David J. Copeland	2017 Luzerne Avenue Silver Spring, MD 20910	United States of America
Name of Assignor	Address	Nationality
Alistair J. Price		Great Britain
Name of Assignor	Address	Nationality

hereby sells, assigns and transfers to

**ASSIGNEE(S):**

Broadwing Corporation	1122 Capital of Texas Highway South Austin Texas 78746-6426	Delaware Corporation
(Name of ASSIGNEE)	Address	Nationality

and the successors, assigns and legal representatives of the ASSIGNEE(S)

- the entire right, title and interest for the United States and its territorial possessions
- an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States and its territorial possessions
- and in all foreign countries;

including all rights to claim priority, all rights to file patent applications, all rights to sue for past infringement, collect damages, and enforce or otherwise benefit from applications or patents that issue therefrom including, but not limited to, any and all claims which may have arisen for infringement prior or subsequent to the date of this assignment, and any and all other intellectual property rights, in and to any and all inventions, improvements, and other intellectual property which is/are found in:

- (a)  U.S. provisional application nos.: 60/686,551 and 60/711,306 filed on June 2, 2005 and August 25, 2005.
- (b)  U.S. application no.: 11/446,392 filed on June 2, 2006.
- (c)  PCT application no.: \_\_\_\_\_ filed on \_\_\_\_\_.
- (d)  the application(s) and invention disclosure(s) identified in the Attachments hereto.
- (e)  U.S. patent application executed on \_\_\_\_\_.

Each Inventor: Initial and date here for acknowledgement of this page

*OZE 6/20/08*

- (f)  U.S. patent application executed on even date herewith.
- (g)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_.  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (h)  Other: \_\_\_\_\_.
- (i)  and any legal equivalent thereof in any country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by a new application or by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE(S) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE(S) or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, ASSIGNOR(S) have hereunto set hand and seal this:

Raymond Zanoni

Name of Assignor or  
Name & Title of Person entitled to sign on behalf  
of Assignor

Signature of Assignor or  
Person entitled to sign on behalf of Assignor

Date

Place of signing of assignment

City/County :  
State :  
Country :

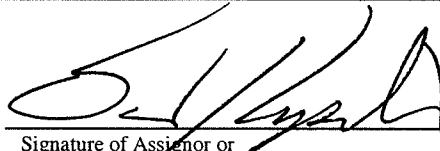
Before me this \_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared **Raymond Zanoni** to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged its contents of his/her own free will for the purpose therein expressed.

\_\_\_\_\_  
Notary Public or Consular Officer of the United States of America

Each Inventor: Initial and date here for acknowledgement of this page

*RZ* 6/20/08

David J. Copeland  
Name of Assignor or  
Name & Title of Person entitled to sign on behalf  
of Assignor

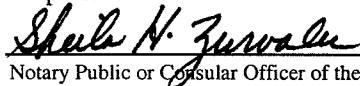
  
Signature of Assignor or  
Person entitled to sign on behalf of Assignor

6/20/08  
Date

Place of signing of assignment

City/County : Silver Spring/Montgomery County  
State : Maryland  
Country : United States of America

Before me this 20 day of June, 2008 personally appeared **David J. Copeland** to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged its contents of his/her own free will for the purpose therein expressed.

 *my Commission expires 1/2009*  
Notary Public or Consular Officer of the United States of America

Alistair J. Price  
Name of Assignor or  
Name & Title of Person entitled to sign on behalf  
of Assignor

Signature of Assignor or  
Person entitled to sign on behalf of Assignor

Date

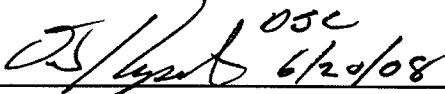
Place of signing of assignment

City/County :  
State :  
Country :

Before me this \_\_\_\_ day of \_\_\_\_\_, 2008 personally appeared **Alistair J. Price** to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged its contents of his/her own free will for the purpose therein expressed.

\_\_\_\_\_  
Notary Public or Consular Officer of the United States of America

Each Inventor: Initial and date here for acknowledgement of this page

  
DSC  
6/20/08