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FINANCE SECTION

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
Marc Paish  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Pulse Generation Limited  
Internal Address: (Same as Street Address)  
  
Street Address: 108 Westbourne Avenue  
  
City: Hull  
State: \_\_\_\_\_  
Country: Great Britain Zip: HU5 3HX  
  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 6/16/2006  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
11/446,038  
B. Patent No.(s)  
  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Samuel J. Haidle  
Internal Address: (Same as Street Address)  
  
Street Address: Howard & Howard Attorneys, P.C.  
39400 Woodward Avenue, Suite 101  
City: Bloomfield Hills  
State: MI Zip: 48304-5151  
Phone Number: 248-723-0334  
Fax Number: 248-645-1568  
Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 08-2789  
Authorized User Name Samuel J. Haidle

**9. Signature:** \_\_\_\_\_ 8/3/2006  
Signature Date  
Samuel J. Haidle  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

08/08/2006 MJAMA1 00000186 082789 11446038

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PATENT  
REEL: 018133 FRAME: 0373

**ASSIGNMENT  
(Patent Application - Sole Inventor)**

WHEREAS I, **MARC PAISH**, residing at **51 Park Grove, Hull HU5 2UR, Great Britain**, have invented certain new and useful improvements in an invention entitled

**APPARATUS FOR OSCILLATING A VANE**

which is set forth in a patent application in the United States as Serial No. 11/446,038, filed on June 2, 2006, Attorney Docket No. 65,008-069; and

WHEREAS, **PULSE GENERATION LIMITED**, having its principal place of business at **108 Westbourne Avenue, Hull HU5 3HX, Great Britain**, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring said invention and said patent application and any domestic and foreign patent or patents that may be obtained therefore or thereupon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One United States Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto said **ASSIGNEE**, its successors, assigns, or other legal representatives, the full and entire right, title and interest in and to said invention and said patent application, including the right of said **ASSIGNEE**, its successors, assigns, or other legal representatives to file any and all divisional, continuation, and continuation-in-part applications claiming priority to said patent application, or the right to seek reissues or extensions of any patent that may be issued for said invention, with the same to be held and enjoyed by said **ASSIGNEE** as fully and entirely as the same would have been held by me had this Assignment and sale not been made; and

HEREBY AGREE that I, my heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of said **ASSIGNEE**, its successors, assigns, or other legal representatives, without undue delay, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, said applications, and any patent or patents that may be obtained therefore; and

HEREBY FURTHER ASSIGN unto said **ASSIGNEE**, its successors, assigns, or other legal representatives, the whole right, title and interest in and to said invention throughout all countries foreign to the United States, including the right to file any foreign patent applications claiming priority to said patent application and otherwise seek any patent in any foreign country, and including the right to file any divisional, continuation, and continuation-in-part applications claiming priority to said foreign patent application where such procedure is proper, or the right to seek reissues or extensions of any patent in any foreign country, and I do hereby ratify any acts of said **ASSIGNEE** in applying for a patent in said **ASSIGNEE**'s own name in any foreign

country where such procedure is proper and do hereby agree to execute said foreign patent applications in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of said foreign patent applications and any patents to be obtained therefore to said ASSIGNEE; and

HEREBY AUTHORIZE and request the Commissioner of Patents and Trademarks of the United States and any official of any country foreign to the United States whose duty it is to issue patents, to issue any patent and any reissues and extensions thereof to said ASSIGNEE in accordance with this Assignment; and

HEREBY REPRESENT and warrant that I have the full right to convey the entire interest of said invention and said applications herein assigned and have not granted any rights inconsistent with the rights granted herein.

16/06/06  
Date

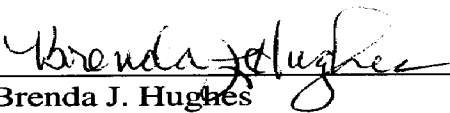
  
\_\_\_\_\_  
Marc Paish

**Please address all correspondence and telephone calls and, upon recordation, please return this document to:**

**SAMUEL J. HAIDLE, ESQ.  
HOWARD & HOWARD ATTORNEYS, P.C.  
The Pinehurst Office Center  
39400 Woodward Avenue, Suite 101  
Bloomfield Hills, Michigan 48304-5151  
(248) 723-0334**

**CERTIFICATE OF MAILING**

I hereby certify that the attached **Assignment, Assignment Recordation Form Cover Sheet, return post card and fee of \$40.00 (using deposit account)** are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the **Mail Stop Assignment Recordation Services, Director – US Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia 22313-1450**, on **August 2, 2006**.

  
Brenda J. Hughes