

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2907874

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|---|--------------------------------|
| <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 AYRES   | 06/14/2014                     |
| HENRY CLARKE  | 06/14/2014                     |
| PETER DEARMAN   | 06/20/2014                     |
| DONGSHENG WEN   | 06/19/2014                     |
| <b>RECEIVING PARTY DATA</b>   |                                |
| <b>Name:</b>  | DEARMAN ENGINE COMPANY LTD     |
| <b>Street Address:</b>  | 1 FINSBURY CIRCUS              |
| <b>City:</b>  | LONDON                         |
| <b>State/Country:</b>   | UNITED KINGDOM                 |
| <b>Postal Code:</b>   | EC2M 7SH                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                |
| <b>Property Type</b>  | <b>Number</b>                  |
| <b>Application Number:</b>  | 14367677                       |
| <b>CORRESPONDENCE DATA</b>  |                                |
| <b>Fax Number:</b>  | (585)232-2152                  |
| <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>   | 585-231-1101                   |
| <b>Email:</b>   | tryan@hselaw.com               |
| <b>Correspondent Name:</b>  | THOMAS B. RYAN                 |
| <b>Address Line 1:</b>  | 1600 BAUSCH & LOMB PLACE       |
| <b>Address Line 4:</b>  | ROCHESTER, NEW YORK 14604-2711 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 85923.000148                   |
| <b>NAME OF SUBMITTER:</b>   | THOMAS B. RYAN                 |
| <b>SIGNATURE:</b>   | /Thomas B. Ryan/               |
| <b>DATE SIGNED:</b>   | 06/20/2014                     |
| This document serves as an Oath/Declaration (37 CFR 1.63).  |                                |
| <b>Total Attachments: 7</b>   |                                |
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source=Assignment-Declaration#page7.tif

ASSIGNMENT and DECLARATION OF INVENTORSHIP

|  |                            |
|--|----------------------------|
| Applicant:   | Dearman Engine Company Ltd |
| First Named Inventor:                                | Michael AYRES              |
| Attorney Docket No.:                                 | 85923.000148               |
| National Stage of:<br>International Application No.: | PCT/GB2012/0523220         |
| International Filing Date:                           | December 20, 2012          |
| TITLE: IMPROVED CRYOGENIC ENGINE SYSTEM              |                            |

FOR GOOD AND VALUABLE CONSIDERATION, we, the JOINT INVENTORS and  
ASSIGNORS:

Michael AYRES, a GB citizen residing at:  
78 Brockley Grove, London, SE4 1RJ  
United Kingdom

Henry CLARKE, a GB citizen residing at:  
60 Glengall Road, London, NW6 7ER  
United Kingdom

Peter DEARMAN, a GB citizen residing at:  
52 Thornbera Road, Bishops Stortford Herts, CM23 3NL  
United Kingdom

Dongsheng WEN, a GB citizen residing at:  
24 Azov House, Commodore Street, London, E1 4PX,  
United Kingdom

HEREBY ASSIGN to the ASSIGNEE:

Dearman Engine Company Ltd, with a business mailing address at  
1 Finsbury Circus, London, EC2M 7SH

ALL RIGHT, TITLE, AND INTEREST WORLDWIDE in and to the invention, including any and all improvements, disclosed in the above-referenced International Patent Application No. PCT/GB2012/0523220, filed December 20, 2012 and entitled IMPROVED CRYOGENIC ENGINE SYSTEM claiming priority to United Kingdom Patent Application No. GB 1122191.8, filed December 22, 2011; and to said International and United Kingdom patent applications and all applications that may be filed on said invention anywhere in the world, including any and all divisions, reissues, continuations, and extensions thereof and in and to any Letters Patents, Inventors' Certificates, Design Registrations, Industrial Models, Utility Models, and all other forms of protection that may be granted thereon, including the right to file applications and the right to claim priority from the International and United Kingdom patent applications worldwide, and including the right to pursue and obtain any damages, recoveries, or remedies for past infringements of these protections.

ASSIGNORS covenant that no assignment, license, or encumbrance has been or will be made that would conflict with this Assignment.

ASSIGNORS request that all Letters Patents, Inventors' Certificates, Design Registrations, Industrial Models, Utility Models and all other forms of protection on said invention be issued to the ASSIGNEE, and ASSIGNORS agree to cooperate fully in obtaining and enforcing patent protection for said invention, including communicating any facts relating to said invention, signing lawful papers, and, at the request and expense of the ASSIGNEE, but without compensation, testifying in legal proceedings.

INVENTORS EACH HEREBY DECLARE:

The Declaration is directed to the above-identified application entitled  
IMPROVED CRYOGENIC ENGINE SYSTEM.

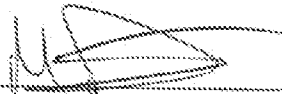
The referenced application was made or authorized to be made by me.

I believe I am an original joint inventor of a claimed invention in the application.

I hereby acknowledge 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.

My mailing address is the same as my residence and is listed above below my name.

Dated: 14/06/14



Michael AYRES

(as Assignor and Joint Inventor)

Witness Signature: [Signature]

Date: 19/6/14

Witness Name: Kristen Gray

Witness Address: 73 Stratmore Rd

Croydon CR0 2JP

Witness Signature: [Signature]

Date: 19/6/14

Witness Name: TEYSSANDIER ETIENNE

Witness Address: 111 Kensington Park road

London SE11 4JJ

**INVENTORS EACH HEREBY DECLARE:**

The Declaration is directed to the above-identified application entitled  
IMPROVED CRYOGENIC ENGINE SYSTEM.

The referenced application was made or authorized to be made by me.

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My mailing address is the same as my residence and is listed above below my name.

Dated: 19/06/14 HL

Henry CLARKE

(as Assignor and Joint Inventor)

Witness Signature: TLK

Date: 19/6/14

Witness Name: TIM KIRK

Witness Address: 6 SOUTH GROVE, LONDON  
N6 6BS

Witness Signature: K

Date: 19/6/14

Witness Name: KRYSTEL GRAY

Witness Address: 73 SWATHMORE ROAD  
CROYDON CR02 7P

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The Declaration is directed to the above-identified application entitled  
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(5) years, or both.

My mailing address is the same as my residence and is listed above below my  
name.

Dated: 20/6/14

P. Dearman

Peter DEARMAN

(as Assignor and Joint Inventor)

Witness Signature:

DS

Date: 20/6/2014

Witness Name:

Derek DUMMON

Witness Address:

2 St. Clares Hall Cottages  
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Witness Signature:

AA

Date: 20/6/14

Witness Name:

Flat 1, 79 Highbury New Park

Witness Address:

London  
~~SE~~ N5 2EU



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My mailing address is the same as my residence and is listed above below my name.

Dated: 19.06.2014

  
Dongsheng WEN  
(as Assignor and Joint Inventor)

Witness Signature: 

Date: 19/06/2014

Witness Name: DAVID HARBOTTLE

Witness Address: INSTITUTE OF PARTICLE SCIENCE  
& ENGINEERING, SPENCER  
UNIVERSITY OF LEEDS, LS2 9JT

Witness Signature: 

Date: 19/6/14

Witness Name: Ali Hassan

Witness Address: 479 Spence Lane  
Leeds, LS16 6HJ

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