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| Alexandria, VA 22313-1450 | | Attorney Docket No. 153386 | | | | | | | | |
| Please record the attached document. Total number of pages including cover shee | et, attachments, and documen | nt: <u>2</u> | | | | | | | | |
| A. Name of conveying party: Adam MacGregor BA B. Additional name(s) of conveying | | 2. A. Name and address of receiving party: ROLLS-ROYCE PLC 65 BUCKINGHAM GATE, LONDON, SW1E 6AT, GREAT BRITAIN | | | | | | | | |
| 3. A. Nature of conveyance: Assignment Security Agreement Other B. Execution Date: May 8, 20 | Merger Change of Name | B. Additional name(s) & address(es) attached? ☐Yes ☑ No | | | | | | | | |
| 4. A. Patent Application No. 13/466,523 B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No C. Title of Application: A METHOD OF REDUCING ASYMMETRIC FLUID FLOW EFFECTS IN A | | | | | | | | | | |
| C. Title of Application: A ME PASS | | | | | | | | | | |
| Name and address of party to whom concerning document should be maile | correspondence ed: | 6. Total number of applications and patents involved: 1 | | | | | | | | |
| Name: <u>James A. Oliff</u> | | 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. | | | | | | | | |
| Address: OLIFF & BERRIDG P.O. Box 32085 Alexandria, VA 2233 Phone Number: 703-83 Fax Number: 703-83 | 50 20-4850 336-6400 | Credit any overpayment or charge any underpayment to deposit account number 15-0461. | | | | | | | | |
| | lief, the foregoing informati | ion is true and correct and any attached copy is a true copy of the Date: May 17, 2012 | | | | | | | | |

PATENT

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ASSIGNMENT

| | | (1) | ADA | M MACGR | EGO | <u>R BAGN</u> | VALL | (5) |) | | | | |
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| (1-8) | Insert | (2) | | | | ······································ | | (6) |) | | | | |
| | Name(s) of Inventor(s) | (3) | | | | | | | | | | | |
| | | (4) | | · · · · · · · · · · · · · · · · · · · | | , | | | | | | | |
| | | (4) [8] In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to | | | | | | | | | | | |
| (9) | Insert Name of Assignee | (9) | ROI I | LS-ROYCE | DI C | | | | | | | | |
| (10) | Insert Address of Assignee | (10) | • | , | | ATE I | אטטטא | J 631/11 | P 6 A TD | CDEAT | DDITAIN | 1 | <u></u> |
| | | (herei the en invent contin | (10) 65 BUCKINGHAM GATE, LONDON, SWIE 6AT, GREAT BRITAIN (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as | | | | | | | | | | |
| (11) | Insert | (11) | A MI | ETHOD OF | RED | JCING | ASYM | METRI | C FLU | ID FLOV | V EFFECT | rs in a pa | SSAGE |
| | Identification such as Title, Case Number, or Foreign | | 4830 | PDG | | | | | | | | | -10-07-0 |
| | Application Number | (Attor | rney Do | ckel No. | | L5338 | 36 | | | | | | VIII. |
| | | | | undersigned | l has (| have) e | xecuted | l an app | lication | for pate | at in the U | United State | es of America |
| (12) | Insert Date of | | | | | | | | | | | | |
| | Signing of Application | (12) | on | May 8 | 5, 2 | :012 | | | | | | | |
| (13) | Alternative | (13) | U.S. a | pplication S | erial l | Number | | 13/ | 466, | 523 | | | |
| | Identification for filed applications | filed | | Ma | iv 8 | 3, 20 | 12 | | | | | | |
| claims o reexami Patents full righ | gnee in every way possible i 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agree need agrant of a valid Uni 5) Each undersigned author of the United States resulting t to convey the entire interes tes that this assignment is bi 6) Each undersigned hereb | s to exect onal Conv s to perform ted States rizes and g from sa t herein a nding on | ute all payention if orm all as patent if request add applications if the assigned the assigned the assigned the analysis and application and analysis analysis and analysis analysis and analysis analysis and analysis analysis and analysis and analysis and analysis and analysis and analysis and analysis analysis and analysis and analysis and analysis ana | apers and do for Protectio ffirmative ac to the Assig is the Commi- cation(s) to to and that he his heirs, si | ocume on of l cts wi mee. ission the sa c has a | ents and industria- tich ma- ter of the id Assignot exec- sors, ass | performal Property be ne- e U.S. ince, as auted, a signs au | n any activers or seessary Patent at Assign and will and legal | et whice imilar at to obtain the obtain the of the of the of the object | in, main demark (ne entire cute, any | ats. Italin or con Office to is interest, an agreement | nfirm by reissue any and covenants in confli | ssue or d all Letters its that he has ict herewith, |
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| Date . | | | | Inventor | Sign | ature . | | | | | | | _ (SEAL) |
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| neither, | This assignment should pre then it should be signed before | ore at leas | st two wi | before: (a) a | a Note | ary Publ | ic if w | | | | | | - |
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