| U.S. DEPARTMENT | T OF COMMERCE |
|-----------------|--------------------|
| U.S. Patent and | d Trademark Office |

| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 5.1/4 (M) | Form PTO-1595 | | U.S. DEPARTMENT OF COMMERCE |
|---|---|--|---------------------------------------|
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Paul STONE Additional names(s) of conveying party(ies) attached? 2. Name and address of receiving party(ies) Name: PRATT & WrHITNEY CANADA CORP. Internal Address: Name of conveying party(ies): Name: PRATT & WrHITNEY CANADA CORP. Internal Address: 1000 Marie Victorin, (016E5) | 1 ' ' | 102748897 | U.S. Patent and Trademark Office |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Paul STONE 2. Name and address of receiving party(ies) Name: PRATT & WHITNEY CANADA CORP. Internal Address: Additional names(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Security Agreement Change of Name Additional names(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Application filed herewith Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: OGILYY RENAULT 1981 McGill College Avenue, Suite 1800 Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax. (514) 288-8389 DO NOT USE THIS SPACE | 1 | * * * | ▼ ▼ 2 - |
| 1. Name of conveying party(ies): 5 / 1/4 6/4 Paul STONE Additional names(s) of conveying party(ies) attached? Yes Internal Address: Internal Address: Name: PRATT & WHITNEY CANADA CORP. Internal Address: Name: Name: PRATT & WHITNEY CANADA CORP. Internal Address: Name: Name: PRATT & WHITNEY CANADA CORP. Internal Address: Name: Name: PRATT & WHITNEY CANADA CORP. Internal Address: Name: Name: PRATT & WHITNEY CANADA CORP. Internal Address: Name: Name: PRATT & WHITNEY CANADA CORP. Internal Address: Name: Name: PRATT & WHITNEY CANADA CORP. Internal Address: Name: Name: | | and Trademarks: Please record the attached ori | iginal documents or copy thereof. |
| Additional names(s) of conveying party(ies) attached? | | | · · · · · · · · · · · · · · · · · · · |
| Additional names(s) of conveying party(ies) attached? | 1. Name of conveying party(les): 3.14 | 2. Name and address of | receiving party(les) |
| Additional names(s) of conveying party(ies) attached? | Paul STONE | / Name: PRATT & WH | ITNEY CANADA CORP. |
| Street Address: 1000 Marie Victorin, (01BE5) Security Agreement | | Internal Address: | <u></u> |
| Assignment | Additional names(s) of conveying party(ies) attached? | Yes 🗷 No | |
| Assignment | Nature of conveyance: | Street Address: 1000 | Marie Victorin, (01BE5) |
| State: Québec, Canada Zip: J4G 1A1 Execution Date: May 10, 2004 Additional names(s) & address(es) attached? Yes No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Application filed herewith Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: OGILVY RENAULT 1981 McGill College Avenue, Suite 1800 Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax: (514) 288-8389 Any deficiencies in the enclosed fee should be charged to our deposit account. DO NOT USE THIS SPACE | 🗷 Assignment 🗆 Merger | | |
| State: Québec, Canada Zip: J4G 1A1 Additional names(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Application filed herewith Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: OGILVY RENAULT 1981 McGill College Avenue, Suite 1600 Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax: (514) 288-8389 Agent Docket No.: 2993-530US SC/ip State: Québec, Canada Zip: J4G 1A1 Additional names(s) & address(es) attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) | ☐ Security Agreement ☐ Change | e of Name City: Longueuil | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) | ☐ Other | | |
| If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) | Execution Date: May 10, 2004 | Additional names(s) & ad | ddress(es) attached? 🔲 Yes 🗷 No |
| 5. Name and address of party to whom correspondence concerning document should be mailed: OGILVY RENAULT 1981 McGill College Avenue, Suite 1600 Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax: (514) 288-8389 Any deficiencies in the enclosed fee should be charged to our deposit account. DO NOT USE THIS SPACE | If this document is being filed together with a new at A. Patent Application No.(s) Application filed herewith | application, the execution date of the appl B. Patent No.(s) | |
| Concerning document should be mailed: OGILVY RENAULT 1981 McGill College Avenue, Suite 1600 Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax: (514) 288-8389 Any deficiencies in the enclosed fee should be charged to our deposit account. Agent Docket No.: 2993-530US SC/ip Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account 8. Deposit account number: 19-5113 Any deficiencies in the enclosed fee should be charged to our deposit account. | | C. Total number of annie | eations and natonts involved: 1 |
| OGILVY RENAULT 1981 McGill College Avenue, Suite 1600 Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax: (514) 288-8389 Agent Docket No.: 2993-530US SC/ip 7. Total fee (37 CFR 3.41)\$ 40.00 Example Enclosed 8. Deposit account number: 19-5113 Any deficiencies in the enclosed fee should be charged to our deposit account. | | ence 0. Total number of applic | ations and paterns involved. |
| 1981 McGill College Avenue, Suite 1600 Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax: (514) 288-8389 Any deficiencies in the enclosed fee should be charged to our deposit account. Agent Docket No.: 2993-530US SC/ip DO NOT USE THIS SPACE | | 7. Total fee (37 CFR 3.4 | 1)\$ 40.00 |
| Montreal, Quebec, Canada H3A 2Y3 Tel.: (514) 845-7126 Fax: (514) 288-8389 Any deficiencies in the enclosed fee should be charged to our deposit account. Agent Docket No.: 2993-530US SC/ip DO NOT USE THIS SPACE | | 区 Enclosed | |
| Tel.: (514) 845-7126 Fax: (514) 288-8389 Any deficiencies in the enclosed fee should be charged to our deposit account. Agent Docket No.: 2993-530US SC/ip DO NOT USE THIS SPACE | | Authorized to be o | charged to deposit account |
| Fax: (514) 288-8389 Any deficiencies in the enclosed fee should be charged to our deposit account. Agent Docket No.: 2993-530US SC/ip DO NOT USE THIS SPACE | | | |
| Any deficiencies in the enclosed fee should be charged to our deposit account. Agent Docket No.: 2993-530US SC/ip DO NOT USE THIS SPACE | | 8. Deposit account numb | per: 19-5113 |
| Agent Docket No.: 2993-530US SC/ip DO NOT USE THIS SPACE | 1 dx. (514) 200-5505 | Any deficiencies in the | enclosed fee should be charged to our |
| DO NOT USE THIS SPACE | | | |
| | Agent Docket No.: 2993-530US SC/ip | | |
| 9. Signature. | DO NOT USE THIS SPACE | | |
| | 9. Signature. | | |
| | | | |
| D. L. (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | |
| Robert Mitchell, Reg. No. 25,007 Name of Person Signing Signature May 13, 2004 Date | | Signatura | |
| Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 3 | | | |

Mail documents to be recorded with required cover sheet information to:

commissioner of Patents & Trademarks, Mail Stop Assignments

Alexandria, VA 22313-1450

05/18/2004 LMUELLER 00000111 195113

10845189

01 FC:8021 40.00 DA

PATENT REEL: 015329 FRAME: 0861

ASSIGNMENT

WHEREAS, I/We, Paul STONE of 312 Imperial Road, Guelph, Ontario, N1K 1M1 Canada; have invented certain new and useful improvements in **BLADED DISK FIXING UNDERCUT**, hereinafter the invention, for which we have made an application for letters patent of the United States which was executed herewith.

AND WHEREAS, PRATT & WHITNEY CANADA CORP., 1000 Marie Victorin, (01BE5) Longueuil, Québec, J4G 1A1, Canada, hereafter the Assignee, is desirous of acquiring the entire right, title and interest to and under said invention and any United States letters patent that may be granted for such application.

NOW, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we do hereby assign, sell and transfer to the Assignee the entire right, title and interest in and to said invention and said application for letters patent of the United States, and in and to all divisions and continuations of said application, and in and to any letters patent of the United States and all reissues and extensions thereof that may be granted, together with all rights of priority granted by local laws and treaties including any international convention for the protection of industrial property, together with the right to extend the protection for said letters patent of the United States to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. and all applications for letters patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all extensions, renewals and reissues thereof, all said rights to be held and enjoyed by the Assignee, its successors, legal representatives and assigns, to the full end of the term for which said letters patent for all such countries may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment had not been made. I/We do hereby request and authorize that any and all letters patent, when granted, be issued in accordance with this assignment to the Assignee.

In further consideration of said good and valuable consideration, I/we covenant and agree with the Assignee that they have a full and unencumbered title to the invention hereby assigned, which title I/we warrant unto the Assignee, and I/we further agree that I/we will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, furnishing of information and giving of testimony, that may be or become necessary for obtaining, sustaining, or reissuing United States and foreign letters patents for

PATENT REEL: 015329 FRAME: 0862 said invention, and for maintaining and perfecting the Assignee's right to said invention and letters patent, particularly in cases of interference and litigation.

| IN TESTIMONY WHEREOF, I/W | /e have hereunto set my/our hand(s), this |
|----------------------------|---|
| 10 day of May, 2004 | <u> </u> |
| Signed at Mississauga | ·· |
| - | Paul |
| Pi | aul STONE |
| S.F. Abran | |
| Witness | _ |
| Name & Address of Witness: | |
| Farid Abrari | _ |
| 711 Bay st, # 412 | <u></u> |
| Toronto, Ont., MSG 2J8 | _ |

RECORDED: 05/14/2004

PATENT REEL: 015329 FRAME: 0863