

02-01-2002

Form PTO-1595

(Rev. 03/01)

OMB No. 0851-0027 (exp. 5/31/2002)



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U.S. DEPARTMENT OF COMMERCE

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): General Motors Corporation Additional name(s) of conveying party(ies) attached: ☐ Yes ☒ No 3. Nature of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Execution Date: March 30, 2001	2. Name and address of receiving party(ies): Name: Rolls-Royce Corporation Internal Address: Speed Code S9 Street Address: 2001 S. Tibbs Avenue City: Indianapolis State: IN Zip: 46241 Additional name(s) & address(es) attached? ☐ Yes ☒ No
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s) 4,464,895; 4,373,859; 4,509,804; 4,527,912; 4,574,585; 4,623,297; 4,683,714; 4,915,586; 5,057,198; 4,891,934; 4,858,426; 4,858,427; 4,858,273; 4,900,398; 4,974,410; 5,080,499; 4,990,056; 5,102,031; 4,870,817; 4,888,947; 5,130,163 Additional numbers attached? ☐ Yes ☒ No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Daniel M. Barbieri Internal Address: Speed Code S9 Street Address: Rolls-Royce North America 2001 S. Tibbs Avenue City: Indianapolis State: IN Zip: 46241	6. Total number of applications and patents involved: 21 7. Total fee (37 CFR 3.41) \$840.00 ☒ Enclosed ☐ Authorized to be charged to deposit account. 8. Deposit account number:
DO NOT USE THIS SPACE	
9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <u>Daniel M. Barbieri</u> Name of Person Signing Signature <u>6 Oct 2001</u> Date	

Total number of pages including cover sheet, attachments, and documents:

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

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Washington, D.C. 20231

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PATENT
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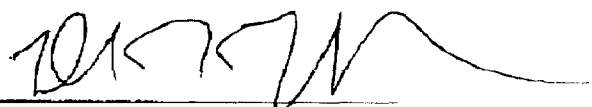
ASSIGNMENT OF PATENTS

This Assignment is between General Motors Corporation having a place of business at 300 Renaissance Center, Detroit, Michigan, and Rolls Royce Corporation, having a place of business at 2001 South Tibbs Avenue, Indianapolis, Indiana, as the successor in interest to AEC Acquisition Corporation.

General Motors Corporation hereby assigns to Rolls Royce Corporation its entire right, title and interest in all countries to the United States Patents and those corresponding foreign Patents listed in the attached 2 pages identified as Exhibit A.

This Assignment is executed on March 30, 2001, by a duly authorized representative of General Motors Corporation as indicated below.

(SEAL)


Timothy G. Gorbatoff
Assistant Secretary
General Motors Corporation

On this 30th day of March, 2001, before me personally appeared Timothy G. Gorbatoff, known to me to be the person who executed the foregoing instrument and known to me to be an Assistant Secretary of General Motors Corporation, and he acknowledged that he executed said instrument under authority of the Board of Directors of said corporation.

(SEAL)


Notary Public
My commission expires: **DONNA M. FRANKS**
County of authorization: **NOTARY PUBLIC WAYNE CO., MI**
MY COMMISSION EXPIRES Sep 5, 2

Patent No.	Country	File No.	Filing No.	Title
4464895	US	NONE	06/382161	GAS TURBINE ENGINE STARTING MECHANISM
4373859	US	D-5281	06/304963	UNISON RING SUPPORT SYSTEM
4509804	US	D-7325	06/498969	BEARING MOUNT WITH SQUEEZE FILM DAMPING
1574710	JP	D-7990	116870	SQUEEZE FILM DAMPER
566988	AU	D-7990	42717	SQUEEZE FILM DAMPER
164220	IT	D-7990	85303245	SQUEEZE FILM DAMPER
164220	GB	D-7990	85303245	SQUEEZE FILM DAMPER
3573643	DE	D-7990	85303245	SQUEEZE FILM DAMPER
164220	FR	D-7990	85303245	SQUEEZE FILM DAMPER
164220	EP	D-7990	85303245	SQUEEZE FILM DAMPER
4527912	US	D-7990	06/615831	SQUEEZE FILM DAMPER
4574585	US	D-8385	06/699596	COMPRESSOR BLEED VALVE
4623297	US	D-8830	06/737775	TURBINE ROTOR FOR GAS TURBINE ENGINE
4683714	US	D-9776	06/875176	OIL SCAVENGE SYSTEM
250058	EP	D-9776	87300350	OIL SCAVENGE SYSTEM
250058	GB	D-9776	87300350	OIL SCAVENGE SYSTEM
250058	FR	D-9776	87300350	OIL SCAVENGE SYSTEM
1783500	JP	D-9776	37598	OIL SCAVENGE SYSTEM
250058	IT	D-9776	87300350	OIL SCAVENGE SYSTEM
4915586	US	G-1156	07/246832	PROPFAN BLADE ATTACHMENT
69108693	DE	G-1539	91203171	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
491414	FR	G-1539	91203171	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
9105459-1	BR	G-1539	9105459	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
2051839	CA	G-1539	2051839	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
633456	AU	G-1539	88908	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
2052008	JP	G-1539	352963	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
491414	EP	G-1539	91203171	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
491414	GB	G-1539	91203171	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
5057196	US	G-1539	07/628030	METHOD OF FORMING PLATINUM-SILICON-ENRICHED DIFFUSED ALUMINIDE COATING ON A SUPERALLOY SUBSTRATE
4891934	US	G-1717	07/264575	OIL SYSTEM FOR GAS TURBINE ENGINE
4901523	US	G-1718	07/294442	ROTOR FOR GAS TURBINE ENGINE
4858426	US	G-2034	07/222994	SECONDARY OIL SYSTEM FOR GAS TURBINE ENGINE
4858427	US	G-2035	07/229401	SECONDARY OIL SYSTEM FOR GAS TURBINE ENGINE
4856273	US	G-2036	07/222470	SECONDARY OIL SYSTEM FOR GAS TURBINE ENGINE
4932501	US	G-2268	07/332075	OIL METERING SYSTEM
4917218	US	G-2361	07/331781	SECONDARY OIL SYSTEM FOR GAS TURBINE ENGINE
2230059	GB	G-2361	8925665	SECONDARY OIL SYSTEM FOR GAS TURBINE ENGINE
391535	GB	G-2410	90302354	COOLED SHAFT SEAL
391535	FR	G-2410	90302354	COOLED SHAFT SEAL
391535	EP	G-2410	90302364	COOLED SHAFT SEAL
4969652	US	G-2410	07/332202	COOLED SHAFT SEAL
69000750	DE	G-2410	90302354	COOLED SHAFT SEAL

EXHIBIT A

4900398 US	G-2858	07/368008	CHEMICAL MILLING OF TITANIUM	
4974470 US	G-2908	07/319506	INVERTED FLIGHT VALVE	
4958488 US	G-3614	07/339449	COMBUSTION SYSTEM	
5080499 US	G-3818	07/498131	HIGH TEMPERATURE SQUEEZE FILM DAMPER	
4990056 US	G-3970	07/437240	STATOR VANE STAGE IN AXIAL FLOW COMPRESSOR	
4991431 US	G-4160	07/472914	METHOD OF MONITORING A MOUNT SYSTEM FOR AN AIRCRAFT ENGINE	
486082 IT	G-4763	91202807	TURBINE SUPPORT FOR GAS TURBINE ENGINE	
2049181 CA	G-4763	2049181	TURBINE SUPPORT FOR GAS TURBINE ENGINE	
486082 GB	G-4763	91202807	TURBINE SUPPORT FOR GAS TURBINE ENGINE	
486082 FR	G-4763	91202807	TURBINE SUPPORT FOR GAS TURBINE ENGINE	
69103507 DE	G-4763	91202807	TURBINE SUPPORT FOR GAS TURBINE ENGINE	
486082 EP	G-4763	91202807	TURBINE SUPPORT FOR GAS TURBINE ENGINE	
5080555 US	G-4763	07/614430	TURBINE SUPPORT FOR GAS TURBINE ENGINE	
5052891 US	G-4852	07/492009	CONNECTION FOR GAS TURBINE ENGINE ROTOR ELEMENTS	
5119905 US	G-5164	07/783467	ACCESSORY DRIVE SPLINE LUBRIKATION SYSTEM FOR A TURBINE ENGINE REDUCTION GEAR BOX	
5071059 US	G-5713	07/666977	METHOD FOR JOINING SINGLE CRYSTAL TURBINE BLADE HALVES	
503696 FR	G-5713	92200493	METHOD FOR JOINING SINGLE CRYSTAL TURBINE BLADE HALVES	
503696 EP	G-5713	92200493	METHOD FOR JOINING SINGLE CRYSTAL TURBINE BLADE HALVES	
503696 GB	G-5713	92200493	METHOD FOR JOINING SINGLE CRYSTAL TURBINE BLADE HALVES	
69203499 DE	G-5713	92200493	METHOD FOR JOINING SINGLE CRYSTAL TURBINE BLADE HALVES	
503698 FR	G-5714	92200496	METHOD FOR DEPOSITING BRAZE ALLOY TO BASE METAL SURFACES USING ELECTRIC DISCHARGE PROCESS	
503698 GB	G-5714	92200496	METHOD FOR DEPOSITING BRAZE ALLOY TO BASE METAL SURFACES USING ELECTRIC DISCHARGE PROCESS	
5102031 US	G-5714	92200496	METHOD FOR DEPOSITING BRAZE ALLOY TO BASE METAL SURFACES USING ELECTRIC DISCHARGE PROCESS	
1920870 JP	G-5714	07/666981	METHOD FOR DEPOSITING BRAZE ALLOY TO BASE METAL SURFACES USING ELECTRIC DISCHARGE PROCESS	
69200134 DE	G-5714	52269	METHOD FOR DEPOSITING BRAZE ALLOY TO BASE METAL SURFACES USING ELECTRIC DISCHARGE PROCESS	
503698 EP	G-5714	92200496	METHOD FOR DEPOSITING BRAZE ALLOY TO BASE METAL SURFACES USING ELECTRIC DISCHARGE PROCESS	
495256 EP	G-5852	91202269	TURBINE BLADE SHROUD ASSEMBLY	
5080557 US	G-5852	07/640790	TURBINE BLADE SHROUD ASSEMBLY	
495256 GB	G-5852	91202269	TURBINE BLADE SHROUD ASSEMBLY	
69105712 DE	G-5852	91202269	TURBINE BLADE SHROUD ASSEMBLY	
495256 FR	G-5852	91202269	TURBINE BLADE SHROUD ASSEMBLY	
4870817 US	G-646	07/202339	GAS TURBINE ENGINE STARTING MECHANISM	
4888947 US	G-649	07/264576	SECONDARY OIL SYSTEM	
5130163 US	G-6839	07/692091	POROUS LAMINATE SURFACE COATING METHOD	
510740 EP	G-6839	92200812	POROUS LAMINATE SURFACE COATING METHOD	
510740 FR	G-6839	92200812	POROUS LAMINATE SURFACE COATING METHOD	
2057954 CA	G-6839	2057954	POROUS LAMINATE SURFACE COATING METHOD	
1904159 JP	G-6839	107606	POROUS LAMINATE SURFACE COATING METHOD	
510740 GB	G-6839	92200812	POROUS LAMINATE SURFACE COATING METHOD	
69200605 DE	G-6839	92200812	POROUS LAMINATE SURFACE COATING METHOD	

** TOTAL PAGE.06 **