DO NOT USE FOR TRADEMARKS BOX ASSIGNMENTS SHEET PA. 101870416 TALENTS ONLY TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF. 1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)): 1. EBEL, Michael 4. 3. 6. 5. 8. 7. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☐ NO 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: 1. Rolls-Royce Deutschland Ltd & Co KG 2. Name: Eschenweg 11 Address: D-15827 Dahlewitz Germany ADDITIONAL NAME(S) & ADDRESS(ES) OF ASSIGNEE(S) ATTACHED? YES NO 3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith only one document for recordation - multiple copies of same Assignment signed by different inventors is one document) ☐ PART INTEREST ■ ASSIGNMENT OF ⋈ WHOLE FACSIMILE/PHOTOCOPY ⊠ ORIGINAL **VERIFIED TRANSLATION** CHANGE OF NAME MERGER OTHER: ☐ SECURITY EXECUTION DATE(S) ON THE CONVEYENCE: September 21, 2001 EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: September 21, 2001 (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached?

YES
NO 1st INVENTOR 1st INVENTOR B. PATENT NO(S) M# A. PAT. APP. NO.(S) M# if not in Item 1 if not in Item 1 series code/serial no. 5. Name & Address of Party to Whom Correspondence 6. NUMBER INVOLVED: Concerning Document Should be Mailed: $APPLNS 1 + PATS ___ = TOTAL 1$ The Law Office of Timothy J. Klima 7. AMOUNT OF FEE ENCLOSED: (Code 581) One Massachusetts Avenue NW ABOVE TOTAL x \$40 = \$40Suite 330 Washington DC 20001 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE 5.5 ATTY DKT: TK168 INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 501860 UNDER ORDER NO.: /TK168 CLIENT NO. / MATTER NO MATTER NO. JCDIENT REF. dup. sheet not required 9. Total number of pages including this cover sheet, attachments and document: 2 (do not file duplicate cover sheet) 10. 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 to be the original document. ğ 10/04/2001 SFELEKE1 Date: October 2, 2001 Signature by Attorney Timothy J. Klima Reg. No. 34852 TEL: (202) 289-2556 FILE WITH PTO RETURN RECEIPT (PAT-103A) FAX: (202) 408-8620

ASSIGNMENT OF NONPROVISIONAL APPLICATION

| | | | | on, Sole or Joint, For Inve | | | |
|---|---------------|---|-------------------------------------|---|---------|---|--|
| Please return signed/recorded to: | | | | | | Atty. Dkt. No. TK/68 | |
| The Law Offices One Massachuse Suite 330 Washington DC | etts <i>A</i> | Av ei 01 | nue NW | | | | |
| | f the | | | and other good and valua | ble coi | nsideration paid to each of the undersigned, to wit: | |
| INSERT | (1 | 1) | Michael Ebel | | (2) | | |
| NAME(S) OF | (3 | 3) | | | (4) | | |
| INVENTOR(S) | (: | 5) | | | | X box if continued on page 2 | |
| the receipt and suf transfer(s) unto: | Ticie | ncy | of which are hereby ackn | lowledged by the undersig | ned w | ho at the request of, hereby sell(s), assign(s) and | |
| INSERT | | | Rolls-Royce Deutschland Ltd & Co KG | | | | |
| NAME(S) OF | | Eschenweg 11 | | | | | |
| ASSIGNEE(S) | | D-15827 Dahlewitz | | | | | |
| & ADDRESS(ES) | | Germany | | | | | |
| | | | | | | | |
| | | | | | | ed States of America as defined in 35 U.S.C. § 100, ubstitutes, and reissues thereof; and all resulting | |
| TITLE OF | Co | Combustion Chamber Heat For Gas Turbine | | | | | |
| INVENTION | | | | | | | |
| for which the unde | ersig | ned | executed an application f | or Letters Patents of the U | nited : | States of America: | |
| X BOX(ES) | A. | X on even date herewith | | | | | |
| A, B and/or C | В. | on | | | | | |
| > | C. | X | in U.S. Appln. No. | | filed | on | |
| Letters Patent to s | aid A | ASSI | IGNEE, for its interest as | quest(s) the United States ASSIGNEE, its successor | s, assi | nissioner of Patents and Trademarks to issue said gns and legal representatives; the undersigned | |

agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

The undersigned hereby authorize(s) The Law Offices of Timothy J. Klima of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| 1) X July Chil | DATE SIGNED X 21. そ. Oへ | WITNESS(ES) You Wish hopf H. Monnikapi |
|--------------------|-------------------------|--|
| Name: Michael Ebel | | |
| 2) X | X | |
| Name: | | |
| 3) X | X | |
| Name: | | |
| 4) X | X | |
| Name: | | |
| 5) X | X | |
| Name: | | |

PATENT RECORDED: 10/02/2001 REEL: 012225 FRAME: 0420