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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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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): Turbine Engine Components Textron Inc. 9-28-01 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: Turbine Engine Components Technologies Corporation Internal Address: Street Address: 2 Halsey Road City: Whitesboro State: NY Zip: 13492 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: August 27, 2001

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) B. Patent No.(s) 5,099,573 5,072,871 5,047,966 4,815,939 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Deborah B. Uluer Internal Address: Jones, Day, Reavis & Pogue Street Address: 901 Lakeside Avenue City: Cleveland State: OH Zip: 44114

6. Total number of applications and patents involved: 4 7. Total fee (37 CFR 3.41): \$ 160.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)

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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. Deborah B. Uluer Name of Person Signing Signature Date 8/27/01 Total number of pages including cover sheet, attachments, and documents: 4

08/31/2001 TBI A21 00000092 5099573 01 FC:581 160.00 OP

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 012119 FRAME: 0141

## PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Assignment") is made and entered into as of this 27<sup>th</sup> day of August, 2001 ("Effective Date"), by and between Turbine Engine Components Textron Inc., with offices at 1211 Old Albany Road, Thomasville, Georgia 31792 ("Assignor"), and Turbine Engine Components Technologies Corporation, with offices at 2 Halsey Road, Whitesboro, New York 13492 ("Assignee").

A. Assignor is the owner of the entire right, title and interest in, to and under those United States patents and patent applications identified and set forth on Schedule A (the "Patents").

B. Assignee wishes to acquire and Assignor wishes to assign all of Assignor's right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in and to the Patents, for the United States and for all foreign countries, including any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions or foreign equivalents thereof, and including the subject matter of all claims which may be obtained therefrom for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks to record Assignee as owner of the Patents, including any continuations, divisions, continuations-in-part, reissues, reexaminations or extensions thereof, and to issue any and all letters patent of the United States thereon to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee, its successors, assigns or other legal representatives.

Assignor hereby represents and warrants that its right, title and interest in and to the Patents are free and clear of any liens and encumbrances, that it has full right to assign all of its interests therein, and that it has not executed and will not execute any agreement or other instrument in conflict herewith.

Assignor shall provide Assignee, its successors, assigns or other legal representatives, cooperation and assistance at Assignee's request and expense (including the execution and delivery of any and all affidavits, declarations, oaths, exhibits, assignments, powers of attorney or other documentation as may be reasonably required): (1) in the preparation and prosecution of any applications covering the inventions assigned herein; (2) in the

prosecution or defense of any interference, opposition, reexamination, reissue, infringement or other proceedings that may arise in connection with any of the patent rights assigned herein, including, but not limited to, testifying as to any facts relating to the patent rights assigned herein and this Assignment; (3) in obtaining any additional patent protection that Assignee may deem appropriate which may be secured under the laws now or hereafter in effect in the United States or any other country; and (4) in the implementation or perfection of this Assignment.

\* \* \* \* \*

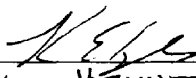
IN TESTIMONY WHEREOF, the Assignor and Assignee have caused this Assignment to be signed and executed as of the date first above written.

TURBINE ENGINE COMPONENTS TEXTRON INC., Assignor:

  
\_\_\_\_\_  
Signature

August 27, 2001  
Date

TURBINE ENGINE COMPONENTS TECHNOLOGIES CORPORATION, Assignee:

  
\_\_\_\_\_  
Signature KENNETH E. GLASS

August 27, 2001  
Date

SCHEDULE A

U.S. PATENTS

<u>Title</u>	<u>Patent No.</u>	<u>Issue Date</u>
Method of Making Hollow Articles	5,099,573	March 31, 1992
Method of Making Hollow Articles	5,072,871	Dec. 17, 1991
Airfoil Measurement Method	5,047,966	Sept. 10, 1991
Twisted Hollow Airfoil with Nontwisted Internal Support Ribs	4,815,939	March 28, 1989