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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 9-3-9

| to the Honorable Commissioner of Patents and பக்கொண்கர் | () () () () () () () () () () |
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| To the Honologie Commission of Patents and Hadelinans. 1. Name of con Wing party (18): | 2. Name and address of receiving party(ies): |
| 1. Name of conveying patents). | 2. Ivaine and address of receiving party(les). |
| UNITED TECHNOLOGIES CORPORATION | Name: United States Air Force |
| | - Office States 7th Force |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No | Internal Address: AFMC LO/JAZ |
| 3. Nature of conveyance: | Street Address: 2240 B Street, Room 100 |
| ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name | City: Wright-Patterson Air Force Base |
| | State: Ohio Zip: 45433-7109 |
| Execution Date(s): 10 May 2004 | |
| ☑ This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1). | Additional name(s) & address(es) attached? □ Yes 図 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): | B. Patent No.(s): |
| 10/754,240 | |
| | |
| Additional numbers attack | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| concerning document should be mailed. | 1 |
| Name - Francis I Cincles | <u> </u> |
| Name: Fredric L. Sinder | 7. Total fee (37 CFR 3.41)\$ 0 |
| Internal Address: AFMC LO/JAZ | , |
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| Street Address: 2240 B Street, Room 100 | ☐ Enclosed ☑ Not applicable The instrument to be recorded is not an instrument |
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PATENT REEL: 015799 FRAME: 0204

CONFIRMATORY INSTRUMENT

Application for (Title): Extended Impingement Cooling Device and Method

Inventor(s): Robert R. Mayer and Charles D. Toner

Serial No.: 10/754,240

Contractor Docket No: EH-10869

Contract No.: F33657-01-C-1240

Filing Date: January 9, 2004

Contractor: United Technologies Corporation

The invention identified above is a "Subject Invention" under the Patent Rights Clause included in Contract No. F33657-01-C-1240 with the United States Air Force,

This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application and any resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application/patent.

Signed this 10th day of May, 2004.

(Seal)

UNITED TECHNOLOGIES CORPORATION

Assistant Secretary

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RECORDED: 09/03/2004

PATENT REEL: 015799 FRAME: 0205