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04-07-2000

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Submission Type	Conveyance Type
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	<input type="checkbox"/> Departmental File <input type="checkbox"/> Secret File
Conveying Party(ies)	<input type="checkbox"/> Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1) Douglas D. Dierksmeier

February 24, 2000

Name (line 2)

Second Party

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party

Mark if additional names of receiving party attached

Name (line 1) Allison Advanced Development Company

Name (line 2)

Address (line 1) P.O. Box 7162

Address (line 2)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Address (line 3) Indianapolis,

IN/USA

46206

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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40.00 DP

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

PATENT
REEL: 010657 FRAME: 0188

Correspondent Name and Address

Area Code and Telephone Number

(317) 634-3456

Name John H. Allie

Address (line 1) Woodard, Emhardt, Naughton, Moriarty & McNett

Address (line 2) 111 Monument Circle, Suite 3700

Address (line 3) Bank One Center/Tower

Address (line 4) Indianapolis, Indiana 46204-5137

Pages Enter the total number of pages of the attached conveyance document including any attachments.

#2

Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/480,331

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Corporation TreatyEnter a PCT application number only if a U.S. Application Number has not been assigned.

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Number of properties

Enter the total number of properties involved

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed

☒

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account).

Deposit Account Number

23-3030

Authorization to charge additional fees:

Yes

☒

No

☐**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. Charges to deposit account are authorized, as indicated herein.

John H. Allie, 39,088

Name of Person Signing

Signature

Date

RRA-07-98-04:JHA/pdr:79073

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on February 28, 2000

(Date of Deposit)

John H. Allie

Name of Registered Representative

Signature

February 28, 2000

Date of Signature

ASSIGNMENT

WHEREAS, Douglas D. Dierksmeier of 4290 E. 150 S., Franklin, Indiana 46131 hereinafter referred to as Assignor, has made a new and useful invention entitled **CASTING CORE AND METHOD OF CASTING A GAS TURBINE ENGINE COMPONENT** for which Assignor has made or will make application for Letters Patent of the United States;

WHEREAS, Allison Advanced Development Company, hereinafter referred to as Assignee, a corporation of the State of Delaware having a principal place of business at P.O. Box 7162, Indianapolis, Indiana 46206, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said United States Letters Patent filed on January 10, 2000 and executed by assignor the 23rd day of December 1999, and any and all other applications thereon and arising therefrom, including any and all utility applications, divisions, continuations, and continuation-in-part thereof, and any and all applications claiming the benefit thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, IN 46204-5137 to insert here in parentheses the serial number of said application when officially known, (Serial No. _____,) and Assignors hereby authorize and request the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or

desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 24 day of Feb., 00.

Doug D Dierksmeier
Douglas D. Dierksmeier

STATE OF Indiana)
) : SS
COUNTY OF Marion)

Before me, a Notary Public, in and for said County and State, personally appeared Douglas D. Dierksmeier who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 24th day of February,
2000.

Joye B. Jones
Notary Public

Printed: Joye B. Jones

Resident of MARION County

My Commission Expires:

6/8/2008

JOYE B JONES
NOTARY PUBLIC STATE OF INDIANA
MARION COUNTY
MY COMMISSION EXP. JUNE 8, 2008