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To the Honorable Commissioner of Patents	101038525 original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Feng Chiang	Name: Chromalloy Gas Turbine Corporation
Additional name(s) of conveying party(ies) attached? Yes Additional name(s) of conveying party(ies) attached?	Internal Address:
3. Nature of conveyance:	30.5°
△ Assignment □ Merger	Street Address: 4430 Director Drive 30
☐ Security Agreement ☐ Change o	f Name
☐ Other	City: San Antonio State: TX ZIP: 78219
Execution Date: April 30, 1999	Additional name(s) & address(es) attached? □ Yes ☒ No
4. Application number(s) or patent number(s):	•
If this document is being filed together with a new a	application, the execution date of the application is: April 30, 1999
A. Patent Application No.(s)	B. Patent No.(s)
09/304994	·
	numbers attached? D Yes D No
E Name and address of a shift of the same and and a	6 Total number of condications and extents involved.
Name and address of party to whom correspondent concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Mitchell D. Bittman	7. Total fee (37 CFR 3.41)\$_40.00
Internal Address: Sequa Corporation	——— Ö Enclosed
Patent Dept.	Authorized to be charged to deposit account
Street Address: 3 University Plaza	8. Deposit account number:
9 BALEXAND 00000018 09304994	19-4970
City: Hackensack 40.00 State: N.J. ZIP: 0.7	(Attach duplicate copy of this page if paying by deposit account)
	O NOT USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing the original document. Mitchell D. Bittman	ing information is true and correct and any attached copy is a true copy of
Name of Person Signing	Signature Date
Total number of page	es including cover sheet, attachments, and document:

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

INVENTOR(S): Feng Chiang

TITLE: SPOOL SHIELDS FOR PRODUCING VARIABLE THERMAL GRADIENTS IN AN INVESTMENT CASTING WITHDRAWAL FURNACE

ASSIGNMENT

WHEREAS, I, Feng Chiang
a citizen ofthe United States of America,
residing at 4138 Grandchamp Circle, Palm Harbor, FL 34685-1095
have invented certain new and useful improvements for which I
have executed on even date herewith, an application for Letters
Patent of the United States, identified as
Spool Shields For Producing Variable Thermal Gradients In An Investment Casting Withdrawal Furnace
and

WHEREAS, CHROMALLOY GAS TURBINE CORPORATION, a Corporation of Delaware, with offices at 4430 Director Drive, San Antonio, Texas , is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said CHROMALLOY GAS TURBINE CORPORATION, its successors, legal representatives and assigns, the entire right, title and interest, in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country of countries foreign to the United States, including right of priority under the International Convention of Paris (1883) as amended, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said CHROMALLOY GAS TURBINE CORPORATION, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

> PATENT REEL: 009946 FRAME: 0921

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said Company, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid the said Company, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND I HEREBY grant the said Company, its successors, legal representatives and assigns, the power to insert on this assignment deed the filing date and serial number of said application when known.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day of <u>Jan's</u>, 1999.

STATE OF COUNTY OF HILLSBORGED)

On this 3014. day of print, 1999 before me, a Notary Public in and for the State and County aforesaid, personally appeared print, and he acknowledges the same to be his free act and deed.

DIANE L. CAVALIERE NG 19, 2001

DIANE L. CAVALIERE NG 19, 2001

BOORGED MAN SOON # CC 644758

SEPRES: May 19, 2001

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SEPRES: May 19, 2001

The above assignment covers United States application Serial Number ______, filed ______.

MUBLIC STATE OF

RECORDED: 05/04/1999

PATENT REEL: 009946 FRAME: 0922