	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMAR OFFIC						
To the Honorable Commissioner of Patents and Tradema	arks: Please record the attached original documents or copy or						
1. Name of conveying party(ies): - <u>Bichard Stanley Luke;</u> Mark Goldman McGee; and	2. Name and address of receiving party(ies) 9 Name: Lockheed Martin Corporation						
John William Pierce	- Internal Address:						
Additional names(s) of conveying party(ies) attached? □ Yes ⊠ No	Street Address: <u>6801Rockledge Drive</u> City: <u>Bethesda</u> State <u>MD</u> Zip <u>20817</u>						
3. Nature of conveyance:	State MD Zip 2001/						
 ☑ Assignment □ Merger □ Security Agreement □ Change of Name □ Other Execution Date: May 17, 2001 and May 18, 2001 	Additional names(s) of conveying party(ies) attached? □ Yes ⊠ No						
01/87/1477 Additional num 5. Name and address of party to whom correspondence concerning document should be mailed:	nber(s) attached □ Yes ⊠ No 6. Total number of applications and patents involved:1						
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: <u>1</u>						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Darryl M. Tyus							
5. Name and address of party to whom correspondence concerning document should be mailed: Name:	 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$<u>40.00</u> ☑ Enclosed 						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Darryl M. Tyus Internal Address Bracewell & Patterson, L.L.P. P.O. Box 61389 Houston, Texas 77208-1389 Street Address 711 Louisiana Street, Suite 2900 City: Houston State: TX_ Zip_77002-2781	 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 3.41)						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Darryl M. Tyus Internal Address Bracewell & Patterson, L.L.P. P.O. Box 61389 Houston, Texas 77208-1389 Street Address 711 Louisiana Street, Suite 2900 City: Houston State: TX Zip 77002-2781 DO NO 9. Statement and Signature To the best of my knowledge and belief, the foregoing i the original document. Darryl M. Tyus Q Name of Person Signing Signature	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)						
5. Name and address of party to whom correspondence concerning document should be mailed: Name:Darryl M. Tyus Internal Address <u>Bracewell & Patterson, L.L.P.</u> P.O. Box 61389 Houston, Texas 77208-1389 Street Address711 Louisiana Street, Suite 2900 City: <u>Houston</u> State: <u>TX</u> Zip <u>77002-2781</u> <u>DO NO'</u> 9. Statement and Signature To the best of my knowledge and belief, the foregoing is the original document. Darryl M. Tyus Name of Person Signing Total number of pages including Mail documents to be recorded of Commissioner of Patents	6. Total number of applications and patents involved:1 7. Total fee (37 CFR 3.41)						

02

REEL: 011872 FRAME: 0663

Bracewell & Patters 05/17/2001 3:52 PAGE 2/3 RightFAX

PATENT APPLICATION ASSIGNMENT

Docket TA-00471

10

WHEREAS, we, Richard Stanley Luke, a citizen of the United States, residing at 225 Rob Lane, Weatherford, Texas 76087; Mark Goldman McGee, a citizen of the United States residing at 3210 River Park Lane S. #1332, Fort Worth, Texas 76116; and John William Pierce, a citizen of the United States, residing at 2320 Old Annetta, Aledo, Texas 76008, have invented new and useful improvements in a

HIGH TEMPERATURE RAKE FOR SUPERSONIC FLOW

for which application is being made for Letters Patent being further identified by Attorney's Docket No. TA-00471.

WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation of the State of Maryland, having a correspondence address of 6801 Rockledge Drive, Bethesda, Maryland 20817, is desirous of acquiring our entire right, title and interest in said application and any Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1,00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all of our title and interest in and to said invention, patent application and any patent which may issue thereon, including all provisional divisions, continuations, reissues, continuations-in-part applications and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America.

We further hereby assign and transfer to said corporation whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

We HEREBY covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title and said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

IN	TESTIMONY	WHEREOF,	Ι	execute	this	Assignment	on	the	18	day	of
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						and a factor					
				11/ 2	~ X _	and a trall	1				

Richard Stanley Luke

PATENT REEL: 011872 FRAME: 0664

2

PATENT APPLICATION ASSIGNMENT

Docket TA-00471

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IN TESTIMONY WHEREOF, I execute this Assignment on the _____ day of _____, 2001.

Richard Stanley Luke

IN TESTIMONY WHEREOF, I execute this Assignment on the 1874 day of may2001.

Tach Goldman ME Kee Mark Goldman McGee

STATE OF TEXAS COUNTY OF TARRANT

is opally appeared the above-identified Mark Goldman McGee, and acknowledged the by the his voluntary act and deed on the $\frac{874}{4}$ day of $\frac{MA4}{2}$, 2001. foregoing "Hummunun n Martin

Notary Public in and for State of Texas My Commission Expires: 7/12/2004

IN TESTIMONY WHEREOF, I execute this Assignment on the _____ day of _____, 2001.

John William Pierce

STATE OF TEXAS COUNTY OF

Before me personally appeared the above-identified John William Pierce, and acknowledged the foregoing assignment to be his voluntary act and deed on the _____ day of ______, 2001.

> Notary Public in and for the State of Texas My Commission Expires:

-2-

PATENT APPLICATION ASSIGNMENT

Docket TA-00471

WHEREAS, we, Richard Stanley Luke, a citizen of the United States, residing at 225 Rob Lane, Weatherford, Texas 76087; Mark Goldman McGee, a citizen of the United States residing at 3210 River Park Lane S. #1332, Fort Worth, Texas 76116; and John William Pierce, a citizen of the United States, residing at 2320 Old Annetta, Aledo, Texas 76008, have invented new and useful improvements in a

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IN TESTIMONY WHEREOF, I execute this Assignment on the _____ day of _____, 2001.

Richard Stanley Luke

IN TESTIMONY WHEREOF, I execute this Assignment on the _____ day of _____, 2001.

Mark Goldman McGee

STATE OF TEXAS COUNTY OF

Before me personally appeared the above-identified Mark Goldman McGee, and acknowledged the foregoing assignment to be his voluntary act and deed on the _____ day of ______, 2001.

Notary Public in and for the State of Texas My Commission Expires:

IN TESTIMONY WHEREOF, I execute this Assignment on the $17^{\frac{1}{2}}$ day of May, 2001.

ian fierec John William Pierce

STATE OF TEXAS COUNTY OF TARRANT

Before me personally appeared the above-identified John William Pierce, and acknowledged the foregoing assignment to be his voluntary act and deed on the MAY, 2001.

Notary Public in and for the

Notary Public in and for the State of Texas My Commission Expires: 7/12/04

