FORM PTO-1595 (Modified)       05-17-2002         (Rev. 03-01)       Image: Constraint of the settings Image: Constraint of the Honorable Commissioner of Patents and Trademarks         1. Name of conveying party(ies):       Samuel C. Weaver         Image: Constraint of the setting of the s	SHEET     U.S. DEPARTMENT OF COMMERCINATION       Patent and Trademark Offic
To the Honorable Commissioner of Patents and Trademarks 1. Name of conveying party(ies): Samuel C. Weaver	<ul> <li>Please record the attached original documents or copy thereof.</li> <li>2. Name and address of receiving party(ies):</li> </ul>
1. Name of conveying party(ies): Samuel C. Weaver	2. Name and address of receiving party(ies):
Samuel C. Weaver	
-	Address: Pilkinton Sullivan Site
Additional names(s) of conveying party(ies) attached? Use X No	Tanhouse Lane
3. Nature of conveyance:	Widness\Cheshire WA8 ORY
Assignment  Generation Merger	
Security Agreement Change of Name	City: State/Prov.:
□ Other	Country: ENGLAND ZIP:
Execution Date: May 7, 2002	Additional name(s) & address(es) attached?
Additional numbers a	
· ·	6. Total number of applications and patents involved:
concerning document should be mailed:	6. Total number of applications and patents involved: 1
	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> </ul>
concerning document should be mailed: Name: Frederick L. Tolhurst	6. Total number of applications and patents involved: 1
concerning document should be mailed: Name: Frederick L. Tolhurst Registration No. 28,123	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>Enclosed - Any excess or insufficiency should be</li> </ul>
concerning document should be mailed:         Name:       Frederick L. Tolhurst         Registration No.       28,123         Address:       Cohen & Grigsby, P.C.	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>X Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>
concerning document should be mailed:         Name:       Frederick L. Tolhurst         Registration No.       28,123         Address:       Cohen & Grigsby, P.C.         11 Stanwix Street	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>X Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> <li>Authorized to be charged to deposit account</li> </ul>
concerning document should be mailed: Name: Frederick L. Tolhurst Registration No. 28,123 Address: Cohen & Grigsby, P.C. <u>11 Stanwix Street</u> <u>15th Floor</u> City: <u>Pittsburgh</u> State/Prov.: <u>PA</u>	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>X Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
concerning document should be mailed: Name: Frederick L. Tolhurst Registration No. 28,123 Address: Cohen & Grigsby, P.C. 11 Stanwix Street 15th Floor City: Pittsburgh State/Prov.: PA /15/Poor byrate/SA00002931 10141320 ZIP: 15222	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number: 03-2026</li> </ul>
Name:       Frederick L. Tolhurst         Registration No.       28,123         Address:       Cohen & Grigsby, P.C.         11 Stanwix Street       15th Floor         City:       Pittsburgh       State/Prov.:         P:       15222         FC:381       40.00 UP       DO NOT         9. Statement and signature.       DO NOT	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number: 03-2026 (Attach duplicate copy of this page if paying by deposit account)</li> </ul>
concerning document should be mailed: Name: Frederick L. Tolhurst Registration No. 28,123 Address: Cohen & Grigsby, P.C. <u>11 Stanwix Street</u> <u>15th Floor</u> City: Pittsburgh State/Prov.: PA /16/2000 byrate/SA0000281 10141320 FC:581 40.00 UP DO NOT 9. Statement and signature. To the best of my knowledge and by lief, the foregoing inform	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>Inclosed - Any excess or insufficiency should be credited or debited to deposit account</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number: 03-2026 <ul> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul> </li> </ul>

1

ASSIGNMENT OF RIGHTS IN INVENTION (Single inventor; single assignee)	Docket No. 02-126
Inventor	<b>Residence of Inventor</b>
Samuel C. Weaver	642 Barbrow Lane
	Knoxville, Tennessee 37932
	UNITED STATES OF AMERICA
Assignee	Principal Place of Business of Assignee
Saffil Limited	Pilkinton Sullivan Site
	Tanhouse Lane
	Widnes\Cheshire WA8 ORY
	ENGLAND

Whereas, I, the above-identified Inventor, has invented certain new and useful improvements in the invention entitled: <u>METAL MATRIX COMPOSITES OF ALUMINUM, MAGNESIUM AND</u> <u>TITANIUM USING SILICON HEXABORIDE, CALCIUM HEXABORIDE, SILICON</u> <u>TETRABORIDE, AND CALCIUM TETRABORIDE</u> filed herewith (hereinafter referred to as the

"Invention") for which I am making application for Letters Patent in the United States of America;

And, whereas I desire to assign 100% interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee, and whereas said Assignee is desirous of acquiring the entire right, title and interest for the said Invention;

Now, this indenture witnesseth, that for the sum of one dollars (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer 100% interest in said invention, said application, including any divisions, continuations and continuations-in-part thereof, and in and to any and all Letters Patent of the United States and countries foreign thereto, which may be granted for said Invention and in and to any and all priority rights, Convention rights, and other benefits accruing to me with respect to the filing of applications for patents or securing of patents in the Untied States and countries foreign thereto, unto said Assignee;

And, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee;

And, I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee or its designees as Assignees or its Assignees may from time-to-time present to me in order to perfect title in said Invention modifications and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

And, I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense, and to fully cooperate with Assignee and/or its successors and assigns, in any and every action necessary to acquire, maintain and/or enforce any type of legal protection obtainable for said Invention in any country of the world.

INVENTOR

Dated: 5/2

amuel C. Weave

653078\_1

2002

**RECORDED: 05/08/2002**