PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

		NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ATA				
		Name	Execution Date		
Geoffrey Alan SCARSB	ROOK		01/22/2004		
Philip Maurice MARTIN			01/22/2004		
Daniel James TWITCHI	EN		01/22/2004		
Andrew John WHITEHE			01/22/2004		
Michael Andrew COOP			01/22/2004		
Barbel Susan Charlotte			01/22/2004		
Barbor Gudan Ghanotto	Bolin		0112212004		
RECEIVING PARTY DA	TA				
Name: E	ELEMENT SIX	LIMITED			
Street Address:	sle of Man Free	port			
City:	Ballasalla				
State/Country:	ISLE OF MAN				
Postal Code:	M99 6AQ				
PROPERTY NUMBERS		Numbe	r		
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Property Typ	e [r		
Property Type Application Number: Application Number: CORRESPONDENCE D	e 10 10 11 DATA	0653419 565753	r		
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Property Typ Application Number: Application Number: CORRESPONDENCE D Fax Number: Phone: Email:	e 10 11 11 DATA (703)413-2 (703) 413-3 khudson@	0653419 565753 220 3000 oblon.com			
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Property Typ Application Number: Application Number: CORRESPONDENCE D Fax Number: Phone: Email: <i>Correspondence will be</i>	e 10 11 11 DATA (703)413-2 (703) 413-3 khudson@	220 3000 oblon.com <i>hail address first; if that is unsuccessful</i> ,			
Property Typ Application Number: Application Number: CORRESPONDENCE D Fax Number: Phone: Email: <i>Correspondence will be</i> <i>via US Mail.</i>	e 10 11 	0653419 565753 220 3000 oblon.com <i>pail address first; if that is unsuccessful</i> , vak, et al.			
Property Typ Application Number: Application Number: CORRESPONDENCE D Fax Number: Phone: Email: <i>Correspondence will be</i> <i>via US Mail.</i> Correspondent Name:	e 10 11 	0653419 565753 220 3000 oblon.com <i>pail address first; if that is unsuccessful</i> , vak, et al.			
Property Typ Application Number: Application Number: CORRESPONDENCE D Fax Number: Phone: Email: <i>Correspondence will be</i> <i>via US Mail.</i> Correspondent Name: Address Line 1:	e 10 11 	0653419 565753 220 3000 oblon.com <i>pail address first; if that is unsuccessful</i> , vak, et al. Street			

NAME OF SUBMITTER:	Karen L. Hudson
Total Attachments: 6 source=299899 ASN#page1.tif source=299899 ASN#page2.tif source=299899 ASN#page3.tif source=299899 ASN#page4.tif source=299899 ASN#page5.tif source=299899 ASN#page6.tif	

PF5051	ASSIGNMENT 102050
	(1) GEOFFREY ALAN SCARSEROOK. (5) MICHAEL ANDREW COOPER
•	(3) PHILIP MAURICE MARTINEAU (6) BARBEL SUSANNE CHARLOTTE DORN
(1-4) insort Name(s) of	(3) DANIEL JAMES TWINCHEN
Inventor(s)	(4) ANDREW JOHN WHITTEHEAD
	In consideration of the sum of one dollar (\$1,00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to
Insert name of	(5) ELEMENT SIX LIMITED
Assignee Insert address of Assignee	(6) of <u>ISLE OF MAN FREEPORT, BALLASALLA, 1M99 5AO</u> . ISLE OF MAN
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as
Insert ident-	(7) BORON DOPED DIAMOND
. Ilication of Investion, such	
as title, case no. to foreign	
application no.	for which the undersigned has (have) executed an aplication for patent in the United States of America
Insert data of signing di application	(B) 22. January 2004
Alternativa identification for filed applications	(9) US Application Serial Number 10/653,419 filed 03 September 2003
2) The undersign with any interference continuation or division way possible in obtain 3) The undersign perform any act whice provisions of the lints Property or similar ag 4) The undersign necessary to obtain a 5) The undersign Patents to issue any a from said application thereof to the said A covenants that be has herein assigned, and t execute, any agreemen	ed agree(s) to perform all all main mathematics and agree(s) to perform all all main mathematics and states patent to the Assignet. ed hereby authorise(s) and request(s) the Commissioner of and all Letters Patents of the United States resulting or any division or divisions or continuing applications ssignet, as Assignet of the entire interest, and hereby (they have) full right to convey the entire interest 1 hat he has (they have) not executed and will not t in conflict herewith.
undersigned name(s)	recuted by the undersigned on the date(s) opposite the
Date 2.2. Joniuary 20	UNIT
Date 22. January 2001	Name of Inventor
Date 22 January 2.00	4 Name of Inventor DANER JAMES TWENCHEN
Date 22 Jan Wary 2004	ANDERN JOHN WHITTEHEAD
Date 22, January 200	MILINAL AND THE COMPTAN
Date 22 January 200	V Name of InventorBARBEL SUSANNE CHARLOTTE DORN

PATENT REEL: 028189 FRAME: 0044

		ASSIGNMENT 152050	
		(1) GEOFFREY ALAN SCARSBROOK, (5) MICHAEL ANDREW COOPER	
		(2) PHILIP MAURICE MARTINEAU (6) BARBEL SUSANNE CHARLOTTE	
	(1-4) insert Name(s) of	(3) DANIEL JAMES TWITCHEN	
	Inventor(s)	(4) ANDREW JOHN WHITEHEAD	
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	Insert name of	(5) ELEMENT SIX LIMITED	
	Assignee Insert address of Assignee	(6) of <u>ISLE OF MAN FREEPORT, BALLASALLA, IM99 6AO</u> , ISLE OF MAN	<u> </u>
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	Insert ident-	(7) BORON DOPED DIAMOND	_
	ification of invention, such	(Case no.)	-
	as title, case no. or foreign		*
	application no.	for which the undersigned has (have) executed an application for patent in the United States of America	
	Insert date of signing of	(B) 22 January 2.004	_ /
	application	10/10 × 119	Λ
	4 M	(9) IIS Application Serial Number 10/000, 41	- PMM
	Alternative identification for filed applications	(9) US Application Serial Number <u>10/653,419</u> filed <u>03 September 2003</u>	13/Apr/20
	identification for filed applications ill The undersigned with the application and and also to execute sep as the Assignee may de 2) The undersigned with any interference w continuation or division way possible in obtainin 3) The undersigned perform any act which provisions of the Intern Property or similar agree 4) The undersigned necessary to obtain a g 5) The undersigned Patents to issue any au from said application of thereof to the said Assi covenants that he has (herein assigned, and that	filed <u>03 September 2003</u> i agree(s) to execute all papers necessary in connection arate assignments in connection with such applications em necessary or expedient. i agree(s) to execute all papers necessary in connection which may be declared concerning this application or thereof and to cooperate with the Assignee in every agree(s) to execute all papers and documents and may be necessary in connection with claims or ational Convention for Protection of Industrial ements. i agree(s) to perform all affirmative acts which may be rant of a valid United States patent to the Assignee. i hereby authorise(s) and request(s) the Commissioner of d all Letters Patents of the United States resulting r any division or divisions or continuing applications ignee, as Assignee of the entire interest, and hereby they have) full right to convey the entire interest at heas (they have) not executed and will not in conflict herewith.	
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insert name of Assignee Insert address of Assignce

Insert identification of invention, such as title, case no. or foreign application no.

Insert date of

signing of

D

application Alternative identification for filed applications

(8) 22 January 2.004

US Application Serial Number 10/653,419 (9) filed 03 September

ØIJ

The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date 2.2. Jonuary 2004 Name of Inventor <u>B. Scanfrod</u>	
Date 22 January 2004 Name of Inventor	
Date 22 Jonuary 2004 Name of Inventor DAVIET JAMES TWATCHEN	
Date 22 January 2004 Name of Inventor Attoutehead.	
Date 22, January 2004 Name of Inventor Michael ANDER COOPER	
Date 22 Jan Wary 2004 Name of InventorBARBEL SUSANNE CHARLOTTE DORN	

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(5) MICHAEL ANDREW COOPER GEOFFREY ALAN SCARSBROOK (1)

(6) BARBEL SUSANNE CHARLOTTE DORN PHILIP MAURICE MARTINEAU (2)

DANLEL JAMES TWITCHEN (3)

ANDREW JOHN WHITEHEAD (4)

In consideration of the sum of one dollar (\$1,00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

ELEMENT SIX LIMITED (5)

(6) of ______ ISLE OF MAN FREEPORT, BALLASALLA, IM99 6AO. ISLE OF MAN

for which the undersigned has (have) executed an application for patent in the United States of America

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(Case no.)

2003

(7) BORON DOPED DIAMOND

15051

Insert name of Assignce Insert address of Assignce

Insert identification of invention, such as title, case no. or foreign application no.

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Date 2.2. January 2004 Name of Inventor	9. scanbrook
Date <u>az. Ourida</u>	GEOFFREY ALAN SCARSBROOK
Date 22. January 2004 Name of Inventor	PHILIP MAURICE MARTINEAU
Date 22 Jonuary 2004 Name of Inventor	DANIEL JAMES TWITCHEN
Date 22 January 2004 Name of Inventor	ANDREM JOHN WHITEHEAD
Date 22, Jonuary 2004 Name of Inventor	MICHAEL ANDER
Date 22 January 2004 Name of Inventor	BARBEI SUSANNE CHARLOITE DORN

ASSIGNMENT

132050

(5) MICHAEL ANDREW COOPER (1) GEOFFREY ALAN SCARSBROOK

(6) BARBEL SUSANNE CHARLOTTE DORN PHILIP MAURICE MARTINEAU (2)

DANIEL JAMES TWITCHEN (3)

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(7) BORON DOPED DIAMOND

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ISLE OF MAN

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132050 1

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for which the undersigned has (have) executed an aplication for patent in the United States of America -12012(8) 22 January 2.004 (9) US Application Serial Number 10/653. filed 03 September 2003

(Case no.)

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The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting applications thereof to the said Assignee, as Assignee of the entire interest, and hereby herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date 2.2. Jonuary 2004 Name of Inventor	G. Scanbrod
1	UMAT te
Date 22. Jonuary 2004 Name of Inventor	PHILIP MAURICE MARTINEAU
Date 22 Jonuary 2004 Name of Inventor	Ann &
1	MATO -LaU
Date 22. January 2004 Name of Inventor	ANDREW JOHN WHITEHEAD
Date 22, January 2004 Name of Inventor	
- /	MICHAEL ANDREST COOPER
Date 22 January 2004 Name of Inventor	() () () () () () () () () () () () () (
	BARBEL SUSANNE CHARLOTTE DORN

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- DANIEL JAMES TWITCHEN
- ANDREW JOHN WHITTEHEAD (4)

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date 2.2. Jonuary 2004	Name	of Inventor	GEOFTARY ALAN SCARSEROOK
Date 22 January 2004	Name (of Inventor	PHILIP MAURILE MARTINEAU
Date 22 January 2004	Name o	f Inventor	DANIEL JAMES TWITCHEN
Date 22 January 2004	Name o	f Inventor	AND Thitehead.
Date 22, Jonuary 2004	Name o	f Inventor	MULOW MICHAEL ANDER COOPER
Date 22 January 2004	Name of	Inventor _	BARBEI SUSANNE CHARLOTTE DORN

PATENT REEL: 028189 FRAME: 0049

RECORDED: 05/10/2012