PTG-159	00.07.0004								
(Rev. 6-93)		RM COVER SHEET U.S. DEPARTMENT OF COMMERCE							
OMB No. 0	651-0011 (exp. 4/94)	S ONLY Patent and Trademark Office							
00.1	8-04	Atty Docket No. 41577/294761							
1	To the Assistant C. 102759297	lease record the attached original documents or convertences							
1.	Name of conveying party(ies):	release record the attached original documents or copy thereof.Name and address of receiving party(ies)							
'-	Name of conveying partyles).	Name: THE SECRETARY OF STATE FOR DEFENCE							
	William ANDERSON								
Richard	d James SOILLEUX	Internal Address							
Additiona	ıl names(s) of conveying party(ies) attached ☐Yes ☒No								
		Street Address: DSTL, Porton Down							
3. 1	Nature of conveyance:								
		City: Salisbury, Wiltshire Country: United Kingdom							
	Z / toolgriment	Postal Code: SP4 0JQ							
	☐ Security Agreement ☐ Change of Name	Additional names(s) & address(es) attached?							
	☐ Other:	100 2 110							
Е	Execution Date: December 12, 2003; December 16,								
2003									
4. <i>P</i>	Application numbers(s) or patent numbers(s):								
11	f this document is being filed together with a new applicat	tion, the execution date of the application is:							
	A. Patent Application No.(s)	B. Patent No.(s)							
	0/470 004								
_	0/478,234 Additional numbers	attached?							
5. N	Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1							
C	oncerning document should be mailed:								
	lame: John S. Pratt	7. Total fee (37 CFR 3.41)\$ 4 <u>0.00</u>							
	nternal Address: Kilpatrick Stockton LLP	☑Enclosed The Commissioner is authorized to charge any							
	Suite 2800	deficiency in the required fee or credit any over							
S	Street Address: 1100 Peachtree Street	payment to Deposit Account No. 11-0855.							
C	City: Atlanta State: GA Zip 30309-4530	Authorized to be charged to deposit account							
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		11-0855							
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9. 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.									
~ 101 ~ 100									
	ean W. Russell, Reg. No. 33,452	18 May 2004							
Name of Person Signing Signature Date									
Total number of pages including cover sheet, attachments, and document. 03									

<u>ASSIGNMEN</u>	TOF PATENT APPLICATION (US NATIONAL PHASE OF PCT)				
	(1) Derek William ANDERSON				
	(2 Richard James SOILLEUX				
(Inventors)	(3)				
	(4)				
	(5)				
	(6)				
considerations	sideration of payment for my employment and other good and valuable s paid to each of the undersigned, the undersigned agree(s) to assign; assign, transfer and set over to				
(Assignee)	(6) The Secretary of State for Defence				
(Address)	(7) DSTL, Porton Down, Salisbury, Wiltshire. SP4 0JQ				
interest for the	(hereinafter designated as the Assignee), the entire right, title and e United States, its territories, dependencies and possessions, and for				
(Other	(8) in the invention, and all				
applications for Countries) as	and any Letters Patent which may be granted therefor, known				
(Title)	(9) Method of Treatment				
	(P1295/USW)				
an application	for which the unassigned has (have) executed on even date herewith for patent in the United States of America or, if not on even date, then				
	or has already filed in				
	(11) U.S. appln. Serial Number , filed on				
this invention	(12) The undersigned acknowledges an obligation of assignment of to said assignee at the time the invention was made.				

PATENT REEL: 015429 FRAME: 0183

- 1) The undersigned agree(s) to execute all papers and document necessary in connection with the application or any interference which may be declared and any continuing or divisional application thereof and also to execute separate assignments in connection with applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 3) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest hereby assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 4) The undersigned hereby grant(s) the firm of KILPATRICK STOCKTON LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for record of this document.

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

Date	12/12/03	Signature of Inventor	(1) Wareh	W.	Auderson
	1 /		DW ANDERSON		
Date	12.12.03	Witness (1)	Etw	7000	_

Date 16.12.03 Signature of Inventor (2)

RJ SOILLEUX

Date Witness (2)

PATENT REEL: 015429 FRAME: 0184

RECORDED: 05/18/2004