FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	03-06-2000 09/462063 U.S. Department of Commerce PTO 3agnt3etGrace PATENT		
	101282348		
12.30.99 PATENTS ONLY			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).			
Submission Type X New	Conveyance Type X Assignment Security Agreement		
Resubmission (Non-Recordation) Document ID#	License Change of Name		
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government		
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Agencies) 07/467065 Departmental File Secret File		
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date Month Day Year		
Name (line 1) LEWIS, Andrew Biggerstaf	f 12 13 99		
Name (line 2) Second Party Name (line 1) FROST, Nicholas James Execution Date Month Day Year 12 13 99			
Name (line 2)	12-13-17		
Receiving Party	Mark if additional names of receiving parties attached		
Name (line 1) Radiodetection Limited	If document to be recorded is an assignment and the receiving party is not		
Name (line 2)	domiciled in the United States, an appointment of a domestic		
Address (line 1) Western Drive	representative is attached. (Designation must be a separate document from Assignment.)		
Address (line 2)	Assignment.)		
O1/11 2000 William to bound to Bristol City	England BS14 OAZ State/Country Zip Code		
12 To Bomestic Representative Name and A	ddress Enter for the first Receiving Party only.		
Name			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
FOR OFFICE USE ONLY			

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Numb	per 609-924-3773
Name RICHARD C. WOODBRIDGE		
Address (line 1) WOODBRIDGE & ASSOCIATES	, P.C.	
Address (line 2) P.O. BOX 592		
Address (line 3) PRINCETON, N.J. 08542-	0592	
Address (line 4)		
Pages Enter the total number of page including any attachments.	s of the attached conveyance do	cument # 3 pgs. tota1
Application Number(s) or Patent Num		ark if additional numbers attached
Enter either the Patent Application Number or the Pa		bers for the same property). atent Number(s)
Patent Application Number(s)		atent Number(s)
If this document is being filed together with a new Pater was	at Application, enter the date the patent ap	pplication Month Day Year 12 13 99
Patent Cooperation Treaty (PCT)	PCT PCT	РСТ
Enter PCT application number		
only if a U.S. Application Number has not been assigned.	PCT PCT	PCT
Number of Properties Enter the total r	number of properties involved.	#1
Fee Amount 1	or Properties Listed (37 CFR 3.41): \$ 40.00
Method of Payment: Enclose	sed X Deposit Account	
Deposit Account (Enter for payment by deposit account or if add		
	eposit Account Number:	# 23-3040
	uthorization to charge additional fee	s: Yes X No
Statement and Signature		
To the best of my knowledge and bel attached copy is a true copy of the o	ief, the foregoing information is triginal document. Charges to dep	rue and correct and any posit account are authorized, as
indicated herein.	1	
RICHARD C. WOODBRIDGE Name of Person Signing	Manual Colomo)oc. 30 1999 Date
Italine of Ferson Signing	~.g	

PATENT REEL: 010582 FRAME: 0159

ASSIGNMENT

Andrew Biggerstaff Lewis and WHEREAS, Nicholas James Frost as assignor(s),

has (have) invented certain improvements in Locating Concealed Conductors

for which an application for United States Letters Patent has been executed by assignor(s) on

12/13/99 and whereas, Radiodetection Limited having a
corporate business address at Western Drive, Bristol BS14 OAZ, England ,
as assignee, is desirous of acquiring all right, title and interest in and to said invention and any
Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the assignor(s) hereby sell(s), assign(s) and set(s) over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all countries foreign, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for himself (themselves) and his (their) legal representatives, heirs and assigns does (do) hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representative all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

Dated: 13 DEC 1999

Dated: 13 Dec 1999

ANDREW BIGGERSTAFF LEWIS

NICHOLAS JAMES FROST

RECORDED: 12/30/1999

PATENT REEL: 010582 FRAME: 0160