SUBSTITUTE	RECORDATIO	06-25-1999 U.S. DEPARTMENT OF COMMERCE
FORM PTO-1595	PATE	Patent and Trademark Office
To the Honorable Commissioner  1. Name of conveying party(iss)  DAVID F. HARTLINE  Additional name(s) of conveying party(iss)  3. Nature of conveyance:  Security Agreement  Other	of Patents and Tra  ECEIV  attached? □ Yes 図 No  □ Merger □ Change of Name	Name:  United States Air Force Internal Address:  AFMC LO/JAZ, Bldg 11 Street Address:  2240 B Street, Room 100  City:  Wright-Patterson AFB State:  Ohio  ZIP:  45433-7109
Execution Date(s): Nover		
★ This instrument should be recordance with		Additional name(s) & address(es) attached? □ Yes ☒ No
Application number(s) or pater  If this document is being filed tog		, the execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
09/211,4		ached? □ Yes ৷ No
Name and address of party to concerning document should be	whom correspondence	6. Total number of applications and patents involved:
Name:Thomas L	Kundert	7. Total fee (37 CFR 3.41)\$ 40.00
	/JAZ, Bldg 11	☐ Enclosed
Street Address: 2240 B St	reet, Room 100	Authorized to be charged to deposit account
City: Wright-Patterson	AFB	Deposit account number:  AF 01-0465
	ZIP: <u>45433-7109</u>	(Attach duplicate copy of this page if paying by deposit account)
	DO NOT US	E THIS SPACE
Statement and signature.		
To the best of my knowledge a copy of the original document.		nformation is true and correct and any attached copy is a true
4/1999 HTHRI1 00000254 010465 092: C:581 <u>THOMA66 00. 66UNDERT</u> Name of person signing	11491	Signature blaga Date
1	ges including cover sheet, at	

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**PATENT REEL: 010042 FRAME: 0763** 

S/N: 09/211,491 Filed: 15 Dec 98

## **ASSIGNMENT**

	, 100101 III. 2111			
Application Title:	RECOVERY OF SECONDARY EXPLOSIVES FROM EXPLOSIVE COMPOSITIONS			
Inventor(s):	David F. Hartline			
Date Inventor(s) Executed				
Declaration:	23 NOV 98			
Contractor's Name:	QuesTech, Inc.			
Contract Number:	F08626-96-D-0003			
Contractor's Docket No.:				
Air Force Docket No.:	AFINV D286			
Contractor to assign inventi Contractor to the Governme the United States of Americ	ventor in recognition of his obligation as an employee of the ons to the Contractor, and pursuant to the obligations of the ent of the United States under the above contract, hereby assign to a, as represented by the Secretary of the Air Force, his entire right,			
above U.S. patent application States Government, and an	t the world in and to each invention disclosed and claimed in the on, made jointly with Arthur F. Spencer, an employee of the United by substitution, division, continuation-in-part, or continuation of such the reservation to the Contractor of any license to which the under the above contract.			
furnishing any available info	to assist the Contractor and the Government, upon request, by brmation and documents, performing all acts, and doing all things ecessary to prepare, file and prosecute such applications and make			
any license under the above as represented by the Secre the world in and to such inv	in and agrees to this assignment and, except for the reservation of e contract, relinquishes and assigns to the United States of America etary of the Air Force its entire right, title, and interest throughout entions, and further agrees to furnish to the Government, upon mation and documents necessary for the preparation, filing, and tions, for patent.			
	David F. Hartline			
	ACKNOWLEDGED before me this 23RD day of NOVEMBER,			
1998, at <u>EGLIN AFB</u> and State of <u>FLORIDA</u>	, in the County of <u>OKALOOSA</u> (PRODUCED FL DL)			
and State of				
(seal)	Person A Atkinson Notary Public			
	TERESA A ATKINSON			

Notary Public - State of Florida
My Commission Expires Jun. 14, 2002

Commission # CC 751067

## FOR THE CONTRACTOR

	Contractor	QuesTech, Inc.		
	ву (	getricia & Sciolto		
	D. Cala d Maria	(Signature of Officer or Agent)		
	Printed Name	Patricia L. Sciolto		
	Date	25 January 1999		
	Title	Contracts Manager		
	Business	7600-W Leesburg Pike		
	Address	Falls Church VA 22043		
I Jamos I	. Biers	and the state of the state of		
'1		, certify that I am the		
Vice President & Director of Contracts of the corporation named as Contractor				
herein; that Patricia L. Sciolto who signed this assignment				
on behalf of the Contractor was the Contracts Manager of				
said corporation; that said assignment was duly signed for and on behalf of said corporation by				
authority of its governing body, and is within the scope of its corporate powers.				
Sme 1. DA				
(Signature of Segretary or certifying official)				
		James J. Biers, Vice President and		