FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 07-18-2000



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### Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

Correspondent Name and Address Area Code and Telephone Number 8055622108
Name Raytheon Company
Address (line 1) Intellectual Property & Licensing, EO/E01/E150
Address (line 2) 2000 East El Segundo Boulevard
Address (line 3) P. O. Box 902
Address (line 4) El Segundo, California 90245-0902
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indicated herein.
william C. Schubert // Signature Date
Name of Person Signing

99w163\*:Whalen et al.

#### ASSIGNMENT

Page 1 of 2 Attorney Docket No. 99W163

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an)

# SCANNING SENSOR SYSTEM WITH MULTIPLE ROTATING TELESCOPE SUBASSEMBLIES

for which	application	for Letters	Patent	of the	United	States	has	been	executed	by	me,	or	(if	the	following	ÍS
completed	d) was filed o	on	as	s Appli	cation N	10			_and							

WHEREAS, RAYTHEON COMPANY (hereinafter referred to as RAYTHEON), a Delaware corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON, its successors, assigns or other legal representatives.

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## Raytheon

ASSIGNMENT Page 2 of 2 Attorney Docket No. 99W163

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	Muchal R. Wh		DATE 14 JUNE 2000
Michael R. Whalen	There is the		
residence (city and state) Santa Barbara, C/	1		ON AGREEMENT DATE  1, 1994
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
Mitchell D. Gamble	Meterall D Dambe	h	14 June 2000
RESIDENCE (CITY AND STATE)	The state of the s	INVENT	ION AGREEMENT DATE
Santa Barbara	. C A	Novem	nber 17, 1997
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE (CITY AND STATE)		INVENT	ON AGREEMENT DATE
(Coldettoe (off 7 the off 12)			
			Contract No. F33657-96-C-6134
State of California County of Santa Barbara	) ) SS: )		
2000 before	me Jant I Formen	_, a Notary Pub	lic in and for said
County of Santa, Santara  On June 14 , 2000, before  State, personally appeared Michael R.	Mitabell 1	James.	lle
State, personally appeared /////hwww.K.	wholen ange manue o		معطنه وعليه والمعادد
personally known to me or proved to me or the within instrument and acknowledged to me his/hig/their signature(s) on the instrument the pe	n the basis of satisfactory evidence to be the p	erson(s) wnose	ed capacity(ies), and that
WITNESS my hand and official seal.	Notary Public June	tJA	mbri
JANET T. TO Commission #	MUN 1176068		
Notary Public - Santa Barbaro	County (		
My Comm. Expires	10 2003 <b></b>		

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**RECORDED: 06/19/2000** 

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