		11-24-1998
i	FORM PTO-1595 RECORU	U.S. DEPARTMENT OF COMMERCE 1
	(Pav. 6-93) NECONI	Patent and Trademerk Office
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6	Tab settings □ □ □ ▼	
W	To the Honorable Commissioner of Catents as	100906292
MRD 11.169	1. Name of conveying party(ies): Eric G. Butte Randall D. Tyner Additional name(s) of conveying party(ies) attached. Randall No. 3. Nature of conveyance: Classignment Change of No. Other	2. Name and address of receiving party(ies) Name: Space Systems/Loral, Inc. Internal Address:
	Execution Date: 11/10/98	Additional name(s) & address(es) attached? Yes XI No
	A. Patent Application No.(s) 09/152,580 filed 9/14/98	B. Patent No.(s)
t	Additional nun	nbers attached? U Yes U No
	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
	Name: Harry F. Smith, Esq.	7. Total fee (37 CFR 3.41)\$ 40.00
l	Internal Address: Perman & Green, LLP	\(\overline{
11/18	1998 GDUCKETT 00000020 09152580	Authorized to be charged to deposit account
02 FC		
	Street Address: 425 Post Road	8. Deposit account number:
	City: Fairfield State: CT ZIP: 0643	(Attach duplicate copy of this page if paying by deposit account)
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	Statement and signature. To the best of my knowledge and belief, the foregoing the original document.	information is true and copyect and any attached copy is a true copy of
1	Harry F. Smith	tampmer 11/12/20
1	Name of Person Signing Total number of pages in	Signature Date Date Cluding cover sheet, attachments, and document:

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Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

(Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 3)

REEL: 9593 FRAME: 0297

Attorney's	Docket	No	300-008211-US (PAR)	
Wiinusa 2	DUCKEL	RU.		



For: 🛣 U.S. and/or 🛣 Foreign Rights

For: 室 U.S. Application or

U.S. Provisional Application

For: U.S. Patent
For: PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

(type or print name of inventors)	Address	Nationality
Eric G. Butte	21334 Dexter Drive Cupertino, CA 95014	USA
Randall D. Tyner	1180 Bruckner Circle Mountain View, CA 94040	USA
<u>-</u>		

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

PATENT REEL: 9593 FRAME: 0298

here! ASSI	•	ells, assigns and transfers to E:	
Spac	e Sy	stems/Loral, Inc.	3825 Fabian Way
(type	or pr	int name of ASSIGNEE)	Address Palo Alto, CA 94303
Natio	nality		
and i	the s	uccessors, assigns and lega	I representatives of the ASSIGNEE
		(complete	e one of the following)
	X	the entire right, title and in	terest
		an undividedp	percent (%) interest
for th	ne Ur	nited States and its territorial	possessions
		(check the following box, i	f foreign rights are also to be assigned)
	Z	and in all foreign countries	, including all rights to claim priority
in an	d to	any and all improvements w	which are disclosed in the invention entitled:
S	ate	llite Communication Sy	stem Using Multiple Ground Station
R	RF P	ower Control In A Sing (check and comple	gle Downlink Beam ete (a), (b), (c), (d), (e), (f), or (g))
and v	whict	n is found in	
(a)		U.S. patent application exe	cuted on even date herewith
(b)		U.S. patent application exe	cuted on
(c)		U.S. provisional application invention	naming the above inventor(s) for the above-entitled
		☐ Express mail label no.:	·
		Mailed:	
		assignment, I, an AS hereby authorize and	R 3.21 for recordal of this SIGNOR signing below, request my attorney to late and application num-
(d)	DX)	U.S. application no. 09	/ 152,580 filed on 9/14/98
(e)		International application no. filed on	. PCT ///
(f)		U.S. patent no.	issued
		☐ A change of address to maintenance fees is be	which correspondence is to be sent regarding patent eing sent separately.
		(check (g), if foreign ap	oplication(s) is also being assigned)
(g)	X	and any legal equivalent the priority	ereof in a foreign country, including the right to claim

PATENT REEL: 9593 FRAME: 0299

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2 of 3)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

WHEREOF, We have no	ereunto set hand and seal this
***************************************	Date of signing
warning: The date of signing must be the signing must be the significant to the significant of the significa	same as the date of execution of the application, if item (a) wa
type name of Inventor)	Signature of INVENTOR
Eric G. Butte	Jain G. Freth
Randall D. Tyner	Randall D. Agre
	<i>,</i>

☐ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then

it will only be prima facie evidence of execution, 35 USC 251. Use next page if notarization is desired,

(Assignment of Invention-Multiple Inventors [16-3.2]-page 3 of 3)

PATENT REEL: 9593 FRAME: 0300

LIFORNIA ALL-PU HPOSE ACK	NOWLEDGMENT
State of California	•
$\sim 1 - 00$	ss.
County of Santa Clar	
On, before me,, before me,, personally appeared	Maura Wellin brusy Totacy Name and Title of Officer (e.g., "Jane Dog Notary Public")
personally appeared Kandy C	Syper + Eric Butte Name(s) of Signer(s)
	personally known to me
	proved to me on the basis of satisfact evidence
	to be the person(s) whose name(s)
SHARINA L MESENBURG	subscribed to the within instrument a acknowledged to me that he/she/they execu
Commission # 1190861 Notary Public - California	the same in his/her/their authoriz
Santa Clara County	capacity(ies), and that by his/hi cr/th
My Comm. Expires Jul 24, 2002	signature(s) on the instrument the person(s)
	the entity upon behalf of which the person acted, executed the instrument.
	THITNESS my band and official and
(WHINESS my hand and official seal.
	Marina Resenburg
Place Notary Seal Above	Signature of Notaty Public
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Though the information below is not required by la and could prevent fraudulent removal a	aw, it may prove valuable to persons relying on the documen and reattachment of this form to another document.
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PATENT REEL: 9593 FRAME: 0301