<b>yo</b> Ri	03-27-2	2000	300-008420-US (PA
Commissioner of Patents and Trader		EET	
Commissioner of Patents and Trader	<sup>n</sup> 101298	401	
1. Name of conveying party(ies):		2. Name and address of rece	eiving party(ies):
John J. Rodden and Xenophon	H. Price	Name: Space Systems	Loral Inc.
Additional name(s) of conveying party(ies)	attached? 🗋 Yes 🛛 No	Address: 3825 Fabia	n Way
<ul> <li>3. Nature of Conveyance:</li> <li>Assignment</li> <li>Security Agreement</li> <li>Other:</li> <li>Execution Date: 2/14/00</li> <li>4. Application number(s) or patent</li> </ul>	Merger Change of Name number(s):	City: Palo Alto State: CA Country: Additional name(s) & address(	
If this document is being filed toget A. Patent Application No.(s): 09/451,158	her with a new application, th	e execution date of the application B. Patent No.(s):	n is:
	Additional numbers atta	ached? 🗌 Yes 🛛 No	
5. Name and address of party to wh concerning document should be		<ul> <li>6. Total number of applicati and/or patents involved:</li> <li>7. Total fee (37 CFR 3.41):</li> </ul>	1
Name: Mark F. Harrington Address: Perman & Green, LL 425 Post Road City: Fairfield	Р	<ul> <li>Enclosed</li> <li>Charge deposit account</li> <li>Please charge any fee do</li> </ul>	
	IP Code: 06430-6232	8. Deposit account number:	<u>16-1350</u>
	DO NOT USE	THIS SPACE	
9. Statement And Signature: To the best of my knowle document is e	either an original documen	ng information is true and con t or a true copy of the original	rect and, the attached document.
Mark F. Harrington Name of Person Signing		Signature	$\frac{2/18/00}{\text{Date}}$
			es including cover sheet(s): ge 1 of 1.
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For: ▼ U.S. and/or ▼ Foreign Rights For: ▼ U.S. Application or □ U.S. Provisional Application For: ▼ U.S. Patent For: ▼ POT 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 2071 Robinhood Lane	Nationality
John J. Rodden	Los Altos, CA 94024	USA
Xenophon H. Price	279 Roble Ave. Redwood City, CA 94061	USA

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

PATENT REEL: 010627 FRAME: 0056 hereby sells, assigns and transfers to ASSIGNEE:

-

Space	e Sys	tems/Loral Inc. 3825 Fabian Way
(type d	or prii	t name of ASSIGNEE) Address
<u> </u>		Palo Alto, CA 94303
Natior	ality	
and t	he si	ccessors, assigns and legal representatives of the ASSIGNEE
		(complete one of the following)
	X	the entire right, title and interest
	$\Box$	an undivided percent ( %) interest
for th	e Un	ted States and its territorial possessions
		(check the following box, if foreign rights are also to be assigned)
	80	and in all foreign countries, including all rights to claim priority
in an	d to	any and all improvements which are disclosed in the invention entitled:
YAK	I STE	ERING MOMENTUM SYSTEM
and v (a) (b) (c)		<pre>(check and complete (a), (b), (c), (d), (e), (f), or (g)) is found in (37 C.F.R. § 3.21) U.S. patent application executed on even date herewith U.S. patent application executed on U.S. provisional application naming the above inventor(s) for the above-entitled invention</pre>
		To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application num- ber when they become known.
(d)	X	U.S. application no. 09/451,158 filed on 11/30/99
(e)		International application no. PCT ////
(f)		U.S. patent no issued
		A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
		(check (g), if foreign application(s) is also being assigned)
(g)		and any legal equivalent thereof in a foreign country, including the right to claim priority

(Assignment of Invention-Multiple Inventors [18-3.2]-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.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 2/14/2000

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

A	
(type name of Inventor)	Signature of INVENTOR
John J. Rodden	John Rodden
	dan A DI n .
Xenophon H. Price	
	·····

## X 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 face evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

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



PATENT

## NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment, and is only prima facle evidence of execution, 35 USC 251.

Details of Country ( and place of signing John J. Ri Ken option A	Santa Clu ci assignment defen . Prece	era, Ca 3900 V. Palo al	leforma Fabian Way to, CA
the above named in	H day of <u>ter</u> dividual(s), to me know o executed the foregoing	n to be the pe	nersonally appeared rson(s) who ⊡ is ⊡are trument and acknowledged
□ he ¯ □ she ☑ they	executed the same of		his her their

own free will for the purpose therein expressed.

SHARINA L MESENBURG Commission # 1190861 Notary Public - California 💈 Santa Clara County My Comm. Expires Jul 24, 2002

enturg Notary)Public or Consular Officer of the United States of America

Rhotaneation or Legalization Accompanying Aus griment (16-4)

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**RECORDED: 02/23/2000**