	03 : 5 -	Docket No.	.: PA-Y1025;300-01	.0371-US
FORM PTO-1595 (Modified) (Rev. 6-93)	03-18-2002	EET	U.S. DEPARTMENT O	OF COMMERCE
OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar			Patent and T	Frademark Office
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Tab settings → → → ▼ To the Honorable Commissioner of Pat	102020421			
	•			opy thereof.
Name of conveying party(ies): Lawrence McGovern	2. Na	ame and address of receiv	ving party(ies):	<u>و</u>
Xen Price	Ni Ni	ame: Space Systems/Loral	l. Inc.	⁴ 6
0516				w22
	Int	ternal Address:		90.00
Additional names(s) of conveying party(ies)	☐ Yes 🗷 No —			150
3. Nature of conveyance:				
🗷 Assignment 🗆	Merger Str	reet Address: 3825 Fabia	n Way	
☐ Security Agreement ☐	Change of Name			
☐ Other	Cit	ty: Palo Alto	State: CA Z	IP: <u>94303</u>
Execution Date: February 13, 2002	Addit	ional name(s) & address(es)	attached? 🔲 Yes	⊠ No
4. Application number(s) or registration no	umbers(s):			
If this document is being filed together	• •	vecution date of the appli	cation is: McCovon	n 2/12/02
	with a now application, the c		Price 2	
A. Patent Application No.(s)		B. Patent No.(s)		
`	\			
3/11/2002 GGEBFEGI 00000013 10087279				
2 FC:581 40.00 OF				
	Additional numbers attached?	☐ Yes ☐ No		
5. Name and address of party to whom co	orrespondence			
concerning document should be mailed	· ! h ! n	tal number of applications	s and patents involv	red: 1
I I Vacinalii				
Name: J.E. Kosinski		tal fee (37 CFR 3.41):	\$ <u>40.00</u>	
Internal Address: Loral Space & Comm	nunications, Ltd.	Enclosed - Any excess of	or insufficiency shou	uld be
		credited or debited to de		
	П	Authorized to be charged	d to denosit accoun	+
		Authorized to be charged	u to deposit account	L
Street Address: 655 Deep Valley Drive		eposit account number:		
Suite 303	0. De	posit account number.		
Suite 505	16-	-1350		
City: Rolling Hills Estates State:	CA ZIP: 90274			
	DO NOT USE THIS	S SPACE		
Statement and signature.				
To the best of my knowledge and belie.	f, the foregoind information is	true and conrect and any	attached copy is a	true copy
of the original document.		() \	i Í	. •
Geza C. Ziegler, Jr.	Ale to	ealat	2/27/02	
Name of Person Signing	\mathcal{J} Sig	natur	Date	
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REEL: 012674 FRAME: 0748

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.
PA-Y1025;300-010371-US (PAR)

This is an As	signment of the following rights, title a	and interest: (check all that apply):			
S	United States of America rights, title	and interest in the invention			
Z	Foreign rights, title and interest in the invention				
	United States Patent Application Serial No.				
	Date of Execution: Date of Filing:				
	United States Provisional Patent App	lication Serial No.			
	United States Patent No(s).				
	International (PCT) Patent Application Serial No.				
	Other (specify)				
Title of the I	Invention HARMONIC TORQUE ESTIMATOR				
Inventors (a	ssignors) Name	Address			
Lawrence		2310 Rock Street, Apt. 18 - Mountain View, CA 94043			
Xen Price		279 Roble Avenue, Redwood City, CA 94061			
Assignee					
Assignee	Name	Address			
Space Sv	stems/Loral, Inc.	3825 Fabian Way			
Space by		Palo Alto, CA 94303			

[Page 1 of 3]

AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.
PA-Y1025;300-010371-US (PAR)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Lawrence McGovern	
Xen Price	

[Page 2 of 3]

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. PA-Y1025;300-010371-US (PAR)

Notarization (Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)
Executed this 13th day of February, in the year 2002 at 3825 Fabian Way Palo Alto, CA 94303
State of California (Signature of Inventor)
County of Santa Clara
Before me personally appeared Lawrence McGovern who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 13th day of February , in the year 2002 BARBARA LELUS
Commission # 1207324 Notary Public - California Santa Clara County Barbara L. Ellis
**Executed tMs Committing to 19. 70% uary , in the year 2002 at 3825 Fabian Way Palo Alto, CA 94303
State of California
County of Santa Clara
Before me personally appeared Xen Price who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 13th day of Fobruary, in the year 2002 BARBARA L. ELLIS Commission # 1207324 Notary Public - California Santa Clara County Ady Comm. Expires Jan 9, 2003 Barbara L. Ellis Barbara L. Ellis
Executed this day of , in the year at
(Signature of Inventor)
State of
County of
Before me personally appeared who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this day of , in the year
(Notary Public)

[Page 3 of 3]

PATENT REEL: 012674 FRAME: 0751

RECORDED: 03/01/2002