MA 98 01-1 FORM PTO-1595 D RECOF 01-1 1-31-92 D RECOF 1009 Tab settings 1009 1009	942395	U.S. DEPARTMENT OF COMMERC Patent and Trademark Off
To the Honorable Commissioner of Patents and Trademarks: P	lease record the attached	d original documents or copy thereof.
 Name of conveying party(ies): David Oh Additional name(s) of conveying party(ies) attached? Yes X No 	Name: Space Sy Internal Address:	
 3. Nature of conveyance: Assignment Merger Security Agreement Other 		3825 Fabian Way State_CA Zip94303
Execution Date: December 11, 1998		& address(es) attached?
A. Patent Application No.(s) 09219805	B. Patent No.(s)	plication is: <u>L'ecember 11, 1998</u>
69 219805 Additional numbers attached	B. Patent No.(s)	plication is: <u>L'ecember 11, 1998</u>
09 219805 Additional numbers attached	B. Patent No.(s)	
69 219805 Additional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s) d? Yes X No 6. Total number of app 7. Total fee (37 CFR X Enclosed	olications and patents involved 1 3.41):
69 219805 Additional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joyce E. Kosinski	B. Patent No.(s) d? Yes X No 6. Total number of app 7. Total fee (37 CFR X Enclosed	blications and patents involved 1 3.41):
69 219805 Additional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joyce E. Kosinski Interr al Address: Street Address: 655 Deep Valley Drive	B. Patent No.(s) d? Yes No 6. Total number of app 7. Total fee (37 CFR Enclosed Authorized to 8. Deposit account r	blications and patents involved 1 3.41):\$40.00 be charged to deposit account
69 219805 Additional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joyce E. Kosinski Interr al Address: Street Address: 655 Deep Valley Drive V1999 MEDPLES 0000003:/// 19935	B. Patent No.(s) d? Yes No 6. Total number of app 7. Total fee (37 CFR Enclosed Authorized to 8. Deposit account r (Attach duplicate copy THIS SPACE	blications and patents involved: 1 3.41):

PATENT REEL: 9692 FRAME: 0913

ASSIGNMENT

WHEREAS, I (We), 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 (our) name(s), have invented a(an) Photoemission Based Spacecraft Charging Sensor

for which application for Letters patent of the United States has been executed by me (us) or this day, or (if the following is completed) filed on as Serial No.; and

WHEREAS Space Systems/Loral Inc., ("Loral") having a place of business located at 3825 Fabian Way, Pale Alto, California 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, for good and valuable consideration, receipt of which is hereby acknow ledged. I (we) do hereby sell, assign and transfer unto Loral, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under said application for Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

<u>Name(s) of inventor(s)</u>	Address
David Oh First Inventor	لال 1985-2 Asilomar Terrace, Sunnyvale, CA 94086
Second Inventor	
Third Inventor	
Fourth Inventor	
Fifth Inventor	
Sixth Inventor	

And for the above consideration, I (we each) agree promptly upon request from Loral or its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original. continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure for Loral or its successors or assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of such Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Loral.

IN WITNESS WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s):

Inventor's Signature

Inventor's Signature

Inventor's Signature

Inventor's Signature

Inventor's Signature

11 December 1998 Assignment Execution Date

Page 1 of 2

PATENT REEL: 9692 FRAME: 0914

Inventor's Signature

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	
State of California	
County of Santa Ca	ss.
On 12/11/98 pefore me.	Marina Mesurharg Metary Public Name and Title of Officer (e.g., "Jane Deg, Not & Public"
personally appeared _ Waved &	Name of Signeris)
	personally known to me
	Proved to me on the basis of satisfactory evidence
SHARINA L. MESENBURG Commission # 1190861 Notary Public - California Santa Clara County My Comm. Expires Jul 24, 2002	to be the person(s) whose name(e) is/are subscribed to the within ir strument and acknowledged to me that he/ she/they executed the same in his/ ber/their authorized capacity(ess), and that by his/ her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument
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PATENT REEL: 9692 FRAME: 0915

RECORDED: 12/23/1998