12-20-2001 U.S. DEPARTMENT OF COMMERCE **FORM PTO-1595** RE(Patent and Trademark Office 1-31-92 101920071 Tab settings

T To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Susan Sebata Name: Space Systems/Loral, Inc. Lenny Low Internal Address: Additional name(s) of conveying party(ies) attached? Yes X No Street Address: 3825 Fabian Way 3. Nature of conveyance: ☐ Merger x Assignment ☐ Change of Name ☐ Security Agreement City: Palo Alto State CA Zip 94303 Other Additional name(s) & address(es) attached? Yes X No Execution Date: 10/9/01 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 10/9/01 007256 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes X No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joyce Kosinski Internal Address: Loral Space and Communications, Ltd. x Enclosed Authorized to be charged to deposit account 655 Deep Valley Drive Street Address: 8. Deposit account number: Suite 303 City: Rolling Hills Estates State CA Zip 90274

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9. Statement and signature.

To the best of my know/edge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth W. Float

November 9, 2001

Name of Person Signing

Total number of pages comprising cover sheet:

(Attach duplicate copy of this page if paying by deposit account)

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) Two-Sided Deployable Thermal Radiator System and Method

for which application for Letters patent of the United States has been executed by me (us) on 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. Palo 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 acknowledged, 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;

Name(s) of inventor(s)	<u>Address</u>
Susan Sebata	142 Pickering Avenue, Fremont, CA 94536
First Inventor	
Lenny Low	1595 Black Mountain Road, Hillsborough, CA 94010
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):

Such I Sold	Oct. 9, 2001
Inventor's Signature	Assignment Execution Date
Bel	16/7/2007
Inventor's Signature	Assignment Execution Date

Page 1

ASSIGNMENT

STATE OF CALLOCAIA	
county of <u>Santa Clava</u>) ss.:	
BEFORE me this day of who is basis of satisfactory evidence to be the person who acknowled free act and deed	, 20 1 personally appeared proved to me on the ged the foregoing instrument of assignment to be h
SHARON L. HAWKINS Commission #1158414 Notary Public - California Santa Clara County My Comm. Expires Oct 12, 2001	Shaw & Wewlins Notary Public
country of SANTA Clara) ss.:	
BEFORE me this	, 20 2) personally appeared proved to me on the ged the foregoing instrument of assignment to be h
SHARON L HAWKINS Cammission #1158414 Notary Public - California Santa Clara County My Comm. Expires Oct 12, 2001 STATE OF	Shaw Warkins Notary Public
COUNTY OF	
BEFORE me this day of	, 20, personally appeared personally known or proved to me on the
basis of satisfactory evidence to be the person who acknowled free act and deed	
_	Notary Public
STATE OF)	
COUNTY OF) ss.:	
BEFORE me this day of who is	, 20, personally appeared
basis of satisfactory evidence to be the person who acknowled free act and deed	lged the foregoing instrument of assignment to be h
_	Notary Public

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PATENT REEL: 012372 FRAME: 0521