

12-20-1999

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NE

To the Honorable Commissioner of Patent:

Original documents or copy thereof.

101227751

1. Name of conveying party(ies):

Howard E. Pollard

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 11/20/99

2. Name and address of receiving party(ies)

Name: Space Systems/Loral, Inc.

Internal Address:

Street Address: 3825 Fabian Way

City: Palo Alto State: CA ZIP: 94303

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.(s)

09/346,272 filed 7/1/99

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: J.E. Kosinski

Internal Address: Loral Space & Communications Ltd.

Street Address: 655 Deep Valley Drive, Suite 303

City: Rolling Hills Estates State: CA ZIP: 90274

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

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

9. Statement and signature.

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

Albert W. Hilburger

Name of Person Signing

Signature

12/6/99

Date

Total number of pages including cover sheet, attachments, and document: 5

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

PATENT
REEL: 010439 FRAME: 0861

07-16-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trade

101092129

Documents or copy thereof.

1. Name of conveying party(ies):

Howard E. Pollard

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: 6/29/99

2. Name and address of receiving party(ies)

Name: Space Systems/Loral, Inc.

Internal Address: _____

Street Address: 655 Deep Valley Drive,

Suite 303

Rolling Hills Estates CA 90274
City: _____ State: _____ ZIP: _____Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: 6/29/99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: J.E. Kosinski

Internal Address: Loral Space & Communications Ltd.

655 Deep Valley Drive, Suite 303

Street Address: _____

Rolling Hills Estates CA 90274
City: _____ State: _____ ZIP: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)... \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account:

8. Deposit account number:

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9. Statement and signature.

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

Albert W. Hilburger

Name of Person Signing

Albert Hilburger

Signature

1/1/99

Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231PATENT
REEL: 010439 FRAME: 0862

For: ☒ U.S. and/or ☐ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

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,

ASSIGNOR:

Inventor(s) or person(s) or
entity(ies) who own the
invention

Howard E. Pollard*(type or print name(s) of ASSIGNOR(S))*19975 Wellington Court

Address

Saratoga, CA 95070USA

Nationality

*(if assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO, add the following)*

Recorded on _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

Space Systems/Loral, Inc.*(type or print name(s) of ASSIGNEE(S))*

3825 Fabian Way
Palo Alto, CA 94303

~~655 Deep Valley Drive, Suite 303~~

Address

~~Rolling Hills Estates, CA 90274~~USA

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]—page 1 of 3)

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided _____ percent (_____%) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

Solar Cell Assembly

Name of inventor(s) Howard E. Pollard

(check and complete (a), (b), (c), (d), (e) (f), or (g))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on _____

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.

☐ Express mail label no.: _____

Mailed: _____

☐ To comply with 37 CFR 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 number when they become known.

(d) ☐ U.S. application no. _____ / _____
filed on _____

(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.

(also 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

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.

(Assignment of Invention [16-3]—page 2 of 3)

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, I/We have hereunto set hand and seal this 29TH day of June 1999
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.

Date: 29 June 1999

Howard E. Pollard

Signature of ASSIGNOR(S)

Date:

Howard E. Pollard

Date:

Date:

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

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 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment, and is only prima facie evidence of execution. 35 USC 261.

Details of Country

Santa Clara, California

and place of signing of assignment

Space Systems/Loral
1965 Charleston Ave
Mountain View, CA

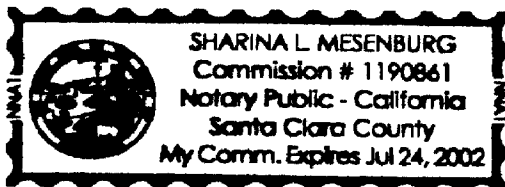
Before me this 29 day of June, 1999, personally appeared the above named individual(s), to me known to be the person(s) who ☒ is ☐ are described in, and who executed the foregoing assignment instrument and acknowledged to me that

☒ he☒ his☐ she

executed the same of

☐ her☐ they☐ their

own free will for the purpose therein expressed.



Sharina L. Mesenburg
Notary Public or Consular Officer of the
United States of America

(Notarization or Legalization Accompanying Assignment (16-4))