

01-25-2002

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Patent and Trademark Office

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To the Honorable Commissioner of Patent



attached original documents or copy thereof.

1. Name of conveying party(ies):

101960660

Class of receiving party(ies):

Dale L. Hoot

Josef (NMI) Shwartz

Jeffery L. Sollee

Name: TRW Inc.

Internal Address: Law Department, E2/6051

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

3. Nature of conveyance:

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

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

Execution Date: September 26, 2001

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)

B. Patent No.(s)

09/962,629

Additional numbers attached? ☐ Yes ☒ No

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

6. Total number of applications and patents involved: 1

Name: TRW Inc. - Patent Counsel

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

Internal Address: Law Department, E2/6051

☐ Enclosed

☒ Authorized to be charged to deposit account

Street Address: One Space Park

8. Deposit account number:

20-1515

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

City: Redondo Beach State: CA ZIP: 90278

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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.

Noel F. Heal, Reg. No. 26,074

Name of Person Signing

Signature

Date

8

01/24/2002 DBYRNE 00000058 201515 09962629 Number of pages including cover sheet, attachments, and document:

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Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

PATENT
REEL: 012496 FRAME: 0943



FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 8/94)

RECORDATION FORM COVER SHEET U.S.

PATENTS ONLY

DEPARTMENT OF COMMERCE

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1. Name of conveying party(ies):

Ethan W. BrighamMilton H. Gran

Additional name(s) of conveying party(ies) attached?

Yes ☐No ☒

2. Name and address of receiving party(ies):

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

Yes ☐No ☒

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A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

Yes ☐No ☒

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Dale L. Hook, Josef (NMI) Shwartz, Jeffery L. Sollee, Ethan W. Brigham, and Milton H. Gran respectively, of Rancho Palos Verdes, California; Beverly Hills, California; El Segundo, California; Rancho Santa Margarita, California; and Fullerton, California do hereby sell and assign to TRW Inc., One Space Park, Redondo Beach, California, an Ohio corporation, its successors and assigns, the entire right, title and interest in and to the improvements in **MOBILE TACTICAL HIGH ENERGY LASER WEAPON SYSTEM AND METHOD FOR GENERATING A HIGH ENERGY LASER BEAM** which has been invented by us, as described in the application for United States Patent which we executed respectively, on September 26, 2001, September 26, 2001, September 26, 2001, September 26, 2001, and October 26, 2001 and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations, and extensions thereof, and the right to claim the priority date of the first filed application in the United States, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said TRW Inc., or its successors or assigns, and agree that on request and without further consideration, but at the expense of TRW Inc., we will communicate to TRW Inc. or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid TRW Inc., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

26 Sept, 2001

Inventor: Dale L. Hook
Dale L. Hook

26 Sep., 2001

Inventor: Josef (NMI) Shwartz
Josef (NMI) Shwartz

26 Sept, 2001

Inventor: Jeffery L. Sollee
Jeffery L. Sollee

26 Sept, 2001

Inventor: Ethan W. Brigham
Ethan W. Brigham

26 Oct, 2001

Inventor: Milton H. Gran
Milton H. Gran

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On September 26, 2001 before me, Lynn E. Cabiles
personally appeared Dale L. Hook
~~personally known to me -or-~~ X proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that (he) she executed the same in
(his) her authorized capacity, and that by (his) her signature on the
instrument the person, or the entity upon behalf of which the person acted,
executed the instrument.



WITNESS my hand and official seal.

Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

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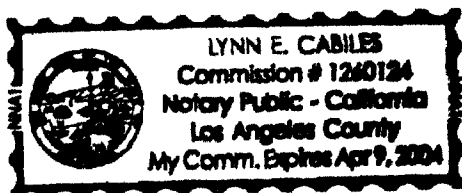
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Notary Public

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~~(his/her)~~ authorized capacity, and that by ~~(his/her)~~ signature on the
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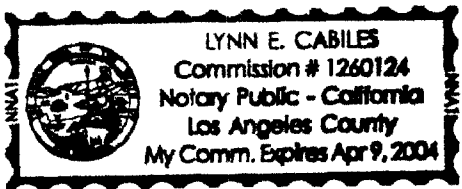
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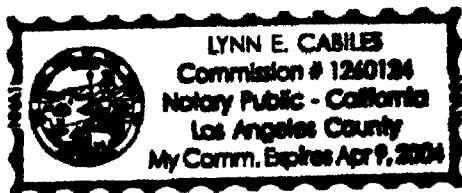
) ss

COUNTY OF LOS ANGELES

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