

09-04-2001

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101832247

8/22/01

To the Honorable Commissioner of Patents

1. Name of conveying party(ies):

Dale J. Durand

Quentin P. Herr

Mark W. Johnson

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

3. Nature of conveyance:

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

Execution Date: August 22, 2001

Attached original documents or copy thereof.  
Address of receiving party(ies):

Name: TRW Inc.

Internal Address: S&E Law Department, E2/6051

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

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: August 22, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09/935310

Additional numbers attached? ☐ Yes ☒ No

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

Name: Patent Counsel

Internal Address: TRW Inc.

S&E Law Department, E2/6051

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

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:

20-1515

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

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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

Noel F. Heal  
Signature

08/22/2001

Date

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

08/31/2001 AAHMED1 00000087 201515 09935310

Documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01 FC:581

40.00 CH

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

PATENT  
REEL: 012120 FRAME: 0506

## ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Dale J. Durand, Quentin P. Herr, and Mark W. Johnson respectively, of Irvine, California; Torrance, California; and La Canada Flintridge, 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 SINGLE FLUX QUANTUM SERIES BIASING TECHNIQUE USING SUPERCONDUCTING DC TRANSFORMER which has been invented by us, as described in the application for United States Patent which we executed respectively, on August 22, 2001, August 22, 2001, and August 22, 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.

8/22, 2001

Inventor:

Dale J. Durand  
Dale J. Durand

22 August, 2001

Inventor:

Quentin Herr  
Quentin P. Herr

8/22, 2001

Inventor:

Mark W. Johnson  
Mark W. Johnson

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On August 22, 2001 before me, Lynn E. Cabiles  
personally appeared Dale J. Durand  
X personally known to me ~~or~~ 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.



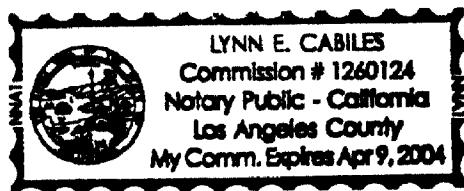
WITNESS my hand and official seal.

Lynn E. Cabiles  
Notary Public

(SEAL)

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On August 22, 2001 before me, Lynn E. Cabiles  
personally appeared Quentin P. Herr  
X personally known to me ~~or~~ 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,  
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Lynn E. Cabiles  
Notary Public

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)  
) ss  
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