Course C	FORM PTO-1595 (Rev. 6-93)	- 16-2002 ET U.S. DEPARTMENT OF COMMERCE
To the Honorable Commissioner of Pa 1. Name of conveying party(ies):		Patent and Trademark Office
1. Name of conveying party(ies): David H. Lewis, Jr. John J. Waypa Additional name(s) of conveying party(ies) attached? Ves. No.		
David H. Lewis, Jr. John J. Waypa Assignment		
Name: TRW Inc. Internal Address: Law Department, E2/605		
Internal Address:aw Department. E2/6051 Assignment		Name: TRW Inc.
Anditional name(s) of conveying partyles) attached?	John J. Waypa	Internal Address: Law Department F2/6051
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other City: Redondo Beach State: CA ZIP: 90278 Execution Date: September 10, 2001 Additional name(s) & address(es) attached? Ves No Application number(s) or patent number(s): If this document is being filled together with a new application, the execution date of the application is: September 5, 2001 A. Patent Application No.(s) B. Patent No.(s) O9/948,034 Additional numbers attached? Ves No S. Name and address of party to whom correspondence concerning document should be mailed: Name: TRW Inc., Patent Counsel Internal Address: Law Department, E2/6051 Enclosed Internal Address: Law Department, E2/6051 Enclosed Street Address: One Space Park 8. Deposit account number: City: Redondo Beach State: CA ZIP: 90278 (Attach duplicate copy of this page if paying by deposit account the original document Noel F. Heal Manuer of Person Signing Name of Person Signing Signature To take the document To the page industry of pages including cover sheet, attachments, and document	·	Sur Department 22 0001
Street Address: One Space Park Security Agreement	Additional name(s) of conveying party(ies) attached?	No
Security Agreement Change of Name Other Execution Date: September 10, 2001 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: September 5, 2001 A. Patent Application No.(s) O9/948,034 Additional numbers attached? Additional number of applications and patents involved: Fig. 1 Total fee (37 CFR 3.41)	3. Nature of conveyance:	
City: Redondo Beach State: CA ZIP: 90278 Execution Date: September 10, 2001 Additional name(s) & address(es) attached?	Assignment Merger	Street Address: One Space Park
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Additional name(s) & address(ss) attached?	_	
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: September 5, 2001 A. Patent Application No.(s) B. Patent No.(s) 9/948,034 5. Name and address of party to whom correspondence concerning document should be mailed: Name: TRW Inc., Patent Counsel Internal Address: Law Department, E2/6051 Internal Address: Law Department, E2/6051 Street Address: One Space Park 8. Deposit account number: City Redondo Beach State: CA ZIP. 90278 ONOT USE THIS SPACE 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 Name of Person Signing Teal number of pages including cover sheet, attachments, and document: Date		Oity, Redoindo Beach State, 621 Zir. 76276
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(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

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ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we <u>David H. Lewis, Jr. and John J. Waypa</u> respectively, of <u>Irvine</u>, <u>California</u> and <u>Rancho Palos Verdes</u>, <u>California</u> 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 VOLUMETRIC MICRO BATTERIES which has been invented by us, as described in the application which we executed respectively, United States Patent September 10, 2001 , and September 10, 2001 , and any and 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.

Left 10 , 2001

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RECORDED: 01/10/2002

STATE OF CALIFORNIA	
COUNTY OF LOS ANGELES)ss }
COUNTY OF HOS ANGELIES	j
on september 10, 2001 befor	re me, <u>Lynn E. Cabiles</u>
personally appeared Davie	d H. Lewis, Jr.
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Commission # 1260124 Notary Public - California Los Angeles County	WITNESS my hand and official seal. Show to Califes Notary Public
	Notary Public
(SEAL) STATE OF CALIFORNIA)) ss
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COUNTY OF LOS ANGELES)
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