

12-07-2001



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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John P. O'Loughlin; Halley O. Stevens;
Kenneth K. Gudewich; and David G. Magoteaux

12.7.01

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

2. Name and address of receiving party(ies)

Name: TRW Inc.

Internal Address:

Street Address: 1900 Richmond Road

City: Lyndhurst State: OH Zip: 44124

Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: April 20, 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 _____

A. Patent Application No.: 09/840,196, filed April 23, 2001

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Thomas L. Tarolli

Internal Address: Tarolli, Sundheim, Covell,

Tummino & Szabo L.L.P.

1111 Leader Building

Street Address: 526 Superior Avenue

City: Cleveland State: Ohio Zip: 44114-1400

6. Total number of applications and patents involved: 1

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

Enclosed

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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

Thomas L. Tarolli
Name of Person Signing
Reg. No. 20,177

Thomas Tarolli
Signature

Dec. 5, 2001
Date

Total number of pages including cover sheet, attachments, and document: 4

12/10/2001 6TON11 00000044 09840196

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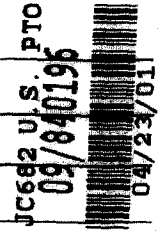
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John P. O'Loughlin
Halley O. Stevens
Kenneth K. Gudewich
Additional name(s) of conveying party(ies) attached Yes No

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Name: TRW Inc.
Internal Address: _____
Street Address: 1900 Richmond Road
09840196
City: Lyndhurst State: OH Zip: 44124
Additional name(s) and address(es) attached? Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: April 20, 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 April 20, 2001
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: THOMAS L. TAROLLI, ESQ.
Internal Address: Tarolli, Sundheim, Covell,
Tummino & Szabo L.L.P.
1111 Leader Building
Street Address: 526 Superior Avenue
City: Cleveland State: Ohio Zip: 44114-1400

6. Total number of applications and patents involved: 1
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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
THOMAS L. TAROLLI
Name of Person Signing
Reg. No. 20,177
Thomas L. Tarolli
Signature
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Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231

Signed at Dulbut Arizona
County of Maricopa and State of Arizona
This 20th day of April, 2001.

Halley O. Stevens
Halley O. Stevens

STATE OF Arizona)
COUNTY OF Maricopa) SS:

On this 20th day of April, 2001.
Personally appeared before me Halley O. Stevens to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



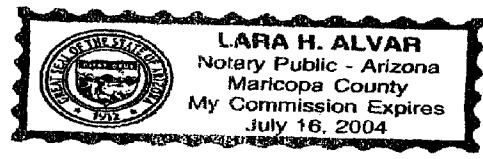
Lara H. Alvar
Notary Public

Signed at Dulbut Arizona
County of Maricopa and State of Arizona
This 20th day of April, 2001.

Kenneth K. Gudewich
Kenneth K. Gudewich

STATE OF Arizona)
COUNTY OF Maricopa) SS:

On this 20th day of April, 2001.
Personally appeared before me Kenneth K. Gudewich to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



Lara H. Alvar
Notary Public

Signed at Phoenix Arizona
County of Maricopa and State of Arizona
This 20th day of April, 2001

David G. Magoteaux
David G. Magoteaux

STATE OF Arizona)
COUNTY OF Maricopa)

SS:

On this 20th day of April, 2001.
Personally appeared before me David G. Magoteaux to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



Lara H. Alvar
Notary Public