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MULUJ
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101243659

To the Honorable Commissioner of Patents and Trademarks

inal documents or copy thereof.

1. Name of conveying party(ies):

Aaron D. Falk
Michael W. Mann
Rhon L. Williams

Name: TRW Inc.

Internal Address: Law Department, E2/6072

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

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

3. Nature of conveyance:

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

Execution Date: October 11, 1999

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)

09/407,361, Filed: 9/29/99

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: TRW Inc., Patent Counsel
Internal Address: Law Department, E2/6072

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.

Michael S. Yatsko

Name of Person Signing

Michael S. Yatsko
Signature

12/18/99
Date

Total number of pages including cover sheet, attachments, and document: 10

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

01/13/2000 DNGUYEN 00000014 201515 09407361

01 FC:581 40.00 CH

Attachment to Form PTO - 1595
Recordation Form Cover Sheet

Additional Conveying Parties

- David A. Wright

Additional Execution Dates

- October 4, 1999
- September 24, 1999

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Aaron D. Falk, Michael W. Mann, Rhon L. Williams, and David A. Wright respectively, of Norwalk, Connecticut; Gilbert, Arizona; Manhattan Beach, California; and Solana Beach, 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 DISTRIBUTED ATM SWITCH which has been invented by us, as described in the application for United States Patent which we executed respectively, on _____, _____, October 4, 1999, and _____, and any and all applications for patent and patents therefore 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.

_____, 1999

Inventor: _____
Aaron D. Falk

10/9/99, 1999

Inventor: Michael W. Mann
Michael W. Mann

_____, 1999

Inventor: _____
Rhon L. Williams

_____, 1999

Inventor: _____
David A. Wright

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Aaron D. Falk, Michael W. Mann, Rhon L. Williams, and David A. Wright respectively, of Norwalk, Connecticut; Gilbert, Arizona; Manhattan Beach, California; and Solana Beach, 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 DISTRIBUTED ATM SWITCH which has been invented by us, as described in the application for United States Patent which we executed respectively, on _____, _____, September 24, 1999, and September 24, 1999, and any and all applications for patent and patents therefore 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.

_____, 1999

Inventor: _____
Aaron D. Falk

_____, 1999

Inventor: _____
Michael W. Mann

September 24, 1999

Inventor: Rhon L. Williams
Rhon L. Williams

September 24th 1999

Inventor: David A. Wright
David A. Wright

Docket No. 22-0017

STATE OF CONNECTICUT)
) ss
COUNTY OF FAIRFIELD)

On October 11, 1999 before me, Sandra L. Sinanfield Notary Public
personally appeared Aaron D. Falk
 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 the 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.

Sandra L. Sinanfield
Notary Public

(SEAL)

STATE OF ARIZONA)
) ss
COUNTY OF)

On _____ before me, _____
personally appeared Michael W. Mann
_____ 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 the 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.

Notary Public

(SEAL)

STATE OF CONNECTICUT)
) ss
COUNTY OF)

On _____ before me, _____
personally appeared Aaron D. Falk
_____ personally known to me -or- _____ proved to me on the basis of
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WITNESS my hand and official seal.

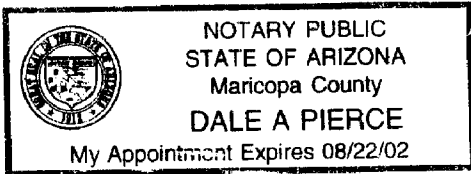
Notary Public

(SEAL)

STATE OF ARIZONA)
) ss
COUNTY OF MARICOPA)

On 4 OCTOBER, 1999 before me, DALE A. PIERCE
personally appeared Michael W. Mann
_____ 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 the 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.



DALE A. PIERCE
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On September 24, 1999 before me, Lorna L. Schott
personally appeared Rhon L. Williams
~~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 the 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.



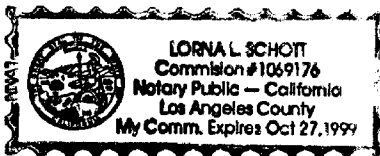
(SEAL)

WITNESS my hand and official seal.

Lorna L. Schott
Notary Public

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On September 24, 1999 before me, Lorna L. Schott
personally appeared David A. Wright
 ~~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 the 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.



(SEAL)

WITNESS my hand and official seal.

Lorna L. Schott
Notary Public