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No.: 4691-74

To the Honorable Commissioner of Patents and  
Please record the attached original documents or

1. Name of conveying party(ies): MRD  
Dr. Jorg Arnold 11-13-98  
Additional name(s) of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies):  
Mitsubishi International GmbH  
Kennedydam 19  
D-40476 Dusseldorf  
Germany  
Additional name(s) & address(es) attached? Yes  No

3. Nature of conveyance:  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_  
Execution Date: September 22, 1998

**300 Rec'd PCT/PTO 13 NOV 1998**

4. Application No. \_\_\_\_\_ Patent No. \_\_\_\_\_  
If this document is being filed together with a new application, the execution date of the application is: November 13, 1998  
Additional numbers attached? Yes  No

09/180,708

5. Name and address of party to whom correspondence concerning document should be mailed:  
Charles B. Elderkin  
BELL SELTZER INTELLECTUAL PROPERTY LAW GROUP  
ALSTON & BIRD LLP  
P. O. Drawer 34009  
Charlotte, NC 28234

6. Total number of applications and patents involved:  
1

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03 FC:581 40.00 OP

7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 16-0605

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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.*  
Charles B. Elderkin, Reg. No. 24,357  
Name of Person Signing Charles B. Elderkin Signature Nov. 13, 1998 Date

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

Type the attorney's Registration No. after you type the name.

**ASSIGNMENT**

THIS ASSIGNMENT, made by me (us),  
Dr. Jörg Arnold

\_\_\_\_\_  
( name(s) of assignor(s) )

citizen(s) of Germany, residing at

Friedrich-Ebert-Anlage 46

D-69117 Heidelberg

\_\_\_\_\_  
( address(es) of assignor(s) )

WITNESSETH: That,

WHEREAS, I (we) am (are) the single (joint) inventor(s) of  
certain new and useful improvements in

PROCESS FOR TRANSMITTING DATA

\_\_\_\_\_  
( title of invention )

for which an application for United States Letters Patent has been  
executed by me (us) concurrently herewith, and which is based upon

serial number PCT/DE97/00971

filed on May 14, 1997

\_\_\_\_\_  
( prior foreign applications )

WHEREAS, Mitsubishi International GmbH

\_\_\_\_\_  
( name of assignee)

a German corporation having a principal place of business at

Kennedydamm 19, D-40476 Düsseldorf, Germany

\_\_\_\_\_  
( address of assignee )

hereinafter referred to as assignee, is desirous of acquiring the  
entire right, title and interest in and to said invention as

described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I (we) have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me (us) if this assignment and sale had not be made.

I (We) hereby request that said Letters Patent be issued in accordance with this assignment.

I (We) further covenant and agree that, at the time of the execution and delivery of these presents, I (we) possess full title to the invention and application above-mentioned, and that I (we) have the unencumbered right and authority to make this assignment.

I (We) further covenant and agree to bind my (our) heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to me (us) relating

to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I (we) have hereunto set my (our) hands and seals on this 22th day of September, 1998.

Dr. Jörg Arnold

( signature )

( signature )

( signature )

( signature )

**DECLARATION OF WITNESS**

I, Jutta Schellander hereby declare that I was personally  
( name of witness )

present and did see Dr. Jörg Arnold  
( name(s) of assignor(s) )

duly sign and execute the foregoing assignment.

Date: 22.09.1998

Jutta Schellander