

FORM PTO-1619A

Expires 06/30/99

OMB 0651-0027



09-20-2000



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U.S. Department of Commerce  
Patent and Trademark Office

PATENT

9-12-00

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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New

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Document ID#

Correction of PTO Error  
Reel #  Frame #

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Assignment  Security Agreement

License  Change of Name

Merger  Other

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Conveying Party (ies)

Mark if additional names of conveying parties attached

Name (line 1)	<b>HENRICUS ANTONIUS GERARDUS</b>	Execution Date Month Day Year	<b>08/14/2000</b>
Name (line 2)	<b>van VUGT</b>	Execution Date Month Day Year	
Second Party Name (line 1)	<input type="text"/>	Execution Date Month Day Year	
Name (line 2)	<input type="text"/>		

Receiving Party

Mark if additional names of receiving parties are attached

Name (line 1) **Mannesmann VDO AG**

Name (line 2)

Address (line 1) **Kruppstraße 105**

Address (line 2) **D-60388**

Address (line 3) **Frankfurt am Main** **Germany**

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first receiving Party only.

Name **Robert J. Depke**

Address (line 1) **Mayer Brown & Platt**

Address (line 2) **P.O. Box 2828**

Address (line 3) **Chicago, IL 60603-3441**

Address (line 4)

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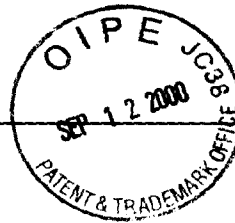
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FORM PTO-1619B

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U.S. Department of Commerce  
Patent and Trademark Office

PATENT

Correspondent Name and Address

Area Code and Telephone Number

(312) 701-8786

Name Robert J. Depke

Address (line 1) MAYER BROWN & PLATT

Address (line 2) P. O. BOX 2828

Address (line 3) CHICAGO, ILLINOIS 60690-2828

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 4

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/576,584						

Month Day Year

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

# 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:  
Deposit Account

Enclosed

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 13-0019

Authorization to charge additional fees:

Yes

No

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. Charges to deposit account are authorized, as indicated herein.

Robert J. Depke [Reg. No. 37,607]  
Name of Person Signing

Signature

Date

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application or  
 U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt of which is hereby acknowledged,

**ASSIGNORS:**

Inventor(s) or person(s) or  
entity(ies) who own the  
invention

**HENRICUS ANTONIUS GERARDUS  
van VUGT**

*(type or print name(s) of first ASSIGNOR)*

NL-5629 MP Eindhoven

Address

Shakespearelann 7, The Netherlands

Dutch

Nationality

*(type or print name(s) of second ASSIGNOR)*

Address

Nationality

*(type or print name(s) of third ASSIGNOR)*

Address

Nationality

\_\_\_\_\_  
(type or print name(s) of fourth ASSIGNOR)

\_\_\_\_\_  
Address  
\_\_\_\_\_

\_\_\_\_\_  
Nationality  
\_\_\_\_\_

\_\_\_\_\_  
(type or print name(s) of fifth ASSIGNOR)

\_\_\_\_\_  
Address  
\_\_\_\_\_

\_\_\_\_\_  
Nationality  
\_\_\_\_\_

*(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)*

**Recorded on** \_\_\_\_\_

**Reel** \_\_\_\_\_  
**Frame** \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

**Mannesmann VDO AG**  
(type or print name(s) of ASSIGNOR(S))

**Kruppstraße 105**  
Address

**D-60388 Frankfurt am Main**

**German**  
Nationality

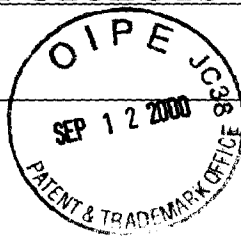
and the successors, assigns and legal representatives of the ASSIGNEE

*(complete one of the following)*

the entire right, title and interest, in and to any and all improvements which

are disclosed in the invention entitled: **METHOD AND APPARATUS FOR**

**ANTIALIASED IMAGING OF GRAPHICAL OBJECTS**



(Name of Invention)

Name of inventor(s) HENRICUS ANTONIUS GERARDUS van VUGT

(check and complete (a), (b), (c), (d), (e), or (f))

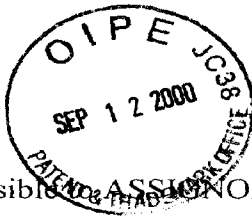
and which is found in (37 C.F.R. §3.21)

- (a)  U.S. patent application executed on even date herewith
- (b)  U.S. patent application executed on \_\_\_\_\_, 1999.
- To comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (c)  U.S. application no. 09/576,584  
filed on 5/22/2000
- (d)  International application no. PCT/\_\_\_\_\_/\_\_\_\_\_
- (e)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (f)  and any legal equivalent thereof in a foreign country, including the right to claim priority.

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters



Patent and legal equivalents as may be known and accessible to the ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal as executed below.

**WARNING:** *The date of signing must be the same as the date of execution of the application, if item (a) was checked above.*

Date: 14-8-2000 \_\_\_\_\_  
 \_\_\_\_\_  
**Signature of ASSIGNOR(S)**

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

*(If ASSIGNOR is a legal entity, complete the following information)*

\_\_\_\_\_  
*(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)*

\_\_\_\_\_  
 Title