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Juergen KROEGER

Additional name(s) of conveying  
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\_\_\_ yes X no

2. Name and address of receiving party(ies)

Name: ASTRUM GmbH

Address: D-88039 Friedrichshafen, Germany

Additional name(s) &amp; address(es) attached?

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3. Nature of Conveyance:

X Assignment \_\_\_ Merger  
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Execution Date: December 21, 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.(s)

B. Patent No(s).

10/012,566

Additional numbers attached? \_\_\_ Yes X No

5. Name and address of party to whom  
correspondence concerning document  
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Crowell & Moring LLP  
Intellectual Property Group  
P.O. Box 14300  
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6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00  
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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.

*Gary R. Edwards*  
Name: Gary R. Edwards Reg. No. 31,824

March 8, 2002  
Date

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**ASTRIUM GmbH**  
**D - 88039 Friedrichshafen**  
**GERMANY**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

### DEVICE FOR SEPARATION OF A PLURALITY OF AXIALLY ARRANGED SATELLITES

as set forth in his United States Patent Application (check one):

☒ executed concurrently herewith,  
☐ executed on \_\_\_\_\_,  
☐ Serial No. \_\_\_\_\_, filed \_\_\_\_\_,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States, which may issue on any such application or for said invention, including any and all reissues or extensions thereof to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith.

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith.

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*December 21, 2001*  
(date)

*Juergen Kroeger*  
(signature of 1st inventor)

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