



To the Honorable Commissioner of Patents

101552106

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Wolfgang Anton Herrmann, Wolfgang Schattenmann, Thomas Weskamp

2. Name and address of receiving party (ies):

Name: Aventis Research & Technologies GmbH & Co KG

Address: 65926 Frankfurt, Germany

City: State: Zip: Additional name(s) address(es) attached? Yes No

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

3. Nature of conveyance:

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 Other

Execution Date: August 28, 2000, September 25, 2000 and September 5, 2000 respectively

4. Application number (s) or patent number (s): 09/647,742

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)

Additional numbers attached? Yes No

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

Name: Ashley I. Pezzner

Internal Address: CONNOLLY BOVE LODGE & HUTZ LLP

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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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Ashley I. Pezzner

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Attorney Docket #: 98/F-038 (5822*194) Total number of pages including cover sheet, attachments and document: 4

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ASSIGNMENT

For valuable consideration, the receipt and adequacy of which is hereby acknowledged,
I/we

- 1) Prof. Dr. Wolfgang Anton HERRMANN, Gartenstraße 69c, 85354 Freising, Germany
- 2) Dr. Wolfgang SCHATTENMANN, Burg 13, 84489 Burghausen, Germany
- 3) Thomas WESKAMP, Symyx Technologies, 3100 Central Expressway, Sta. Clara, CA 95051, USA

Citizenship: 1) - 3) German

hereby sell, assign, and transfer unto Aventis Research & Technologies GmbH & Co KG

a corporation organized under the laws of Germany
located at 65926 Frankfurt, Germany,

the entire right, title and interest in and to my/our application for Letters Patent of
the United States, executed concurrently herewith /

Ser.-No.:

filed:

entitled: Alkylidene complexes of ruthenium containing N-heterocyclic carbene ligands; use as highly active, selective catalysts for olefin metathesis

and my/our entire right, title, and interest in and to all my/our inventions disclosed in said application for Letters Patent, and in and to all divisional or continuation applications that may be filed for United States Letters Patent for any of said inventions, and in and to all patents that may be granted on the foregoing applications, and I/we hereby agree, whenever requested, to communicate to said assignee, its successors and assigns, any facts known to me/us respecting said inventions, to testify in any legal proceeding, and to execute all applications or papers necessary to obtain and maintain proper patent protection on said inventions in the United States.

Inventor(s):

1st: Wolfgang A. Herrmann

Date: Aug. 28, 2000

2nd: _____

Date: _____

3rd: _____

Date: _____

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- 2) Dr. Wolfgang SCHATTENMANN, Burg 13, 84489 Burghausen, Germany
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Ser.-No.:

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**entitled: Alkylidene complexes of ruthenium containing N-heterocyclic carbene ligands; use as
highly active, selective catalysts for olefin metathesis**

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for Letters Patent, and in and to all divisional or continuation applications that may be filed for
United States Letters Patent for any of said inventions, and in and to all patents that may be
granted on the foregoing applications, and I/we hereby agree, whenever requested, to communicate
to said assignee, its successors and assigns, any facts known to me/us respecting said inventions,
to testify in any legal proceeding, and to execute all applications or papers necessary to obtain and
maintain proper patent protection on said inventions in the United States.

Inventor(s):

1st: _____	Date: _____
2nd: <u>Wolfgang Schattenmann</u>	Date: <u>25.09.00</u>
3rd: _____	Date: _____

A S S I G N M E N T

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I/we

- 1) Prof. Dr. Wolfgang Anton HERRMANN, Gartenstraße 69c, 85354 Freising, Germany
- 2) Dr. Wolfgang SCHATTENMANN, Havelstraße 15, 81677 München, Germany
- 3) Thomas WESKAMP, Symyx Technologies, 3100 Central Expressway, Sta. Clara, CA 95051, USA

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Inventor(s):

1st: _____

Date: _____

2nd: _____

Date: _____

3rd: Thomas Weskamp

Date: 5.9 2000