

05-15-2007

AP16 Rec'd PCT/PTO 08 MAY 2007

LU 6211 (US)



VER SHEET

11/667349

103406015

To the Honorable Commissioner for Patents:

Please record the attached original documents or copy thereof.

- 5.8.07
1. Name of conveying party(ies): **Eberhard HERRMANN
Axel SPERBER
Manfred HECKER
Rainer KARER
Klaus BERHALTER
Paulus DE LANGE
Jörg HALPAP
Cyrus AHMADZADE-YOUSSEFI**
 2. Name and address of receiving party: **Basell Polyolefine GmbH
Brühler Strasse 60
50389 Wesseling, Germany**
 3. Nature of conveyance: **ASSIGNMENT**
Execution Date: **March 15, 2007 (as to all inventors except for Youssefi)
March 14, 2007 (as to Youssefi)**

11/667349

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: **May 8, 2007**
A. Patent Application No(s):
B. Patent No(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
**William R. Reid
Basell USA Inc.
Intellectual Property
912 Appleton Road
Elkton, MD 21921**

05/11/2007 MKAYPAGH 00000042 082336 11667349
04 FC:8021 40.00 DA

6. Total number of applications and patents involved: **One**
7. Total fee: **\$40.00**
Authorized to be charged to deposit account
8. Deposit account number: **08-2336**
9. 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.

Signature

William R. Reid
William R. Reid

Date

May 8, 2007

Total number of pages including cover sheet, attachments and document: 7

PATENT

REEL: 019307 FRAME: 0898

ASSIGNMENT

WHEREAS, we **Eberhard Herrmann, Axel Sperber, Manfred Hecker, Rainer Karer, Klaus Berhalter, Paulus de Lange, Jörg Halpap, Cyrus Ahmadzade-Youssefi** residents respectively of: **Radolfstr. 7c, 67227 Frankenthal, Germany**

Dammstücker Weg 1, 67067 Ludwigshafen, Germany

Dreischlaegerstr. 30, 53577 Neustadt, Germany

Oskar-Schlemmer-Ring 48, 67657 Kaiserslautern, Germany

Brenigerstr. 2, 53332 Bornheim Dersdorf, Germany

Starenweg 5, 50389 Wesseling, Germany

Korpitzsch 8, 04703 Bockelwitz, Germany

Am Beethovenpark 15, 50935 Köln, Germany

have invented certain new and useful improvements in **Apparatus for the gas-phase polymerization of olefins, in particular ethylene** described in a patent application executed by us on the 15th day of March 2007, respectively; and identified as Case LU6211, and of which improvements, in and for the United States, its territories, dependencies, and possessions, and for all foreign countries, we are now the sole owners; and

WHEREAS, **BASELL POLYOLEFINE GMBH**, a corporation duly organized and existing under and by virtue of the laws of Germany, and having its principal office and place of business in Wesseling, Germany, is desirous of acquiring the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for all foreign countries, in and to the said improvements, application, invention or inventions, and any Letters Patent that might be granted therefor or thereupon; the said Basell Polyolefine GmbH, its successors and assigns, being hereinafter referred to as "**BASELL**".

NOW, THEREFORE, be it known that for good and valuable consideration by us received from said **BASELL**, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to and unto **BASELL** our entire right, title and interest, for and in the United States, its territories, possessions and dependencies, and for and in all foreign countries, in and to:

- (1) Said invention or inventions, and, in, to and under the above-identified patent application, and
- (2) All improvements and modifications of said invention or inventions which we solely or jointly have made or conceived, or shall make or conceive while we are employed by **BASELL**, and
- (3) All Letters Patent which may be granted by the United States of America, and countries foreign thereto, for or upon said application, invention or inventions, or said improvements or modifications, and in, to and under all reissues and extensions of said Letters Patent, and in, to and under all renewals, divisions, substitutes and continuations of the aforesaid application, and of any application filed in any country for any improvement or modification mentioned in clause (2) above;

and we hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States of America on the said invention or inventions to **BASELL** as assignee of the entire interest therein.

The inventions and the improvements and modifications mentioned in clauses (1), (2) and (3), above, are hereinafter referred to collectively as "said inventions."

And, for the above-mentioned considerations, we do hereby covenant and agree:

FIRST: That we or either of us will promptly and fully disclose to **BASELL** all such improvements and modifications invented by us, or either of us, and we will freely, fully and promptly communicate (in writing if requested) to **BASELL**, or its nominee, all facts, information and evidence possessed or known by or available to us which concern "said inventions," and, at the request of **BASELL**, that we or either of us will testify in interferences and other legal proceedings which may involve "said inventions".

SECOND: That we or either of us will render **BASELL**, at its expense, all assistance which in its sole opinion is necessary to obtain and enforce patent protection in the United States, its territories, dependencies and possessions, and countries foreign thereto, for "said inventions". If we are not employed by **BASELL**, a reasonable per diem charge shall be paid by **BASELL** for the time spent by us in such connection.

THIRD: That we or either of us will, at the request and at the expense of **BASELL**, but without further compensation therefor, execute - (a) any and all original, divisional, continuation, substitute, renewal or other applications for Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries, for "said inventions," (b) any and all applications for the reissue or extension of any Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries, that may be granted upon said application or for "said inventions," and (c) all assignments and other papers that **BASELL** may deem necessary or expedient to secure the grant of each and all of said Letters Patent to **BASELL**, or its nominee, and to protect and vest in **BASELL** the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for foreign countries, in and to "said inventions" and Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this 15th day of March 2007

Eberhard Herrmann (L.S.)
Eberhard Herrmann

Axel Sperber (L.S.)
Axel Sperber

Manfred Hecker (L.S.)
Manfred Hecker

Rainer Karer (L.S.)
Rainer Karer

Klaus Berhalter (L.S.)
Klaus Berhalter

Paulus de Lange (L.S.)
Paulus de Lange

Jörg Halpap (L.S.)
Jörg Halpap

Cyrus Ahmadzade-Youssefi (L.S.)
Cyrus Ahmadzade-Youssefi

ASSIGNMENT

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have invented certain new and useful improvements in **Apparatus for the gas-phase polymerization of olefins, in particular ethylene** described in a patent application executed by us on the 14th day of March 2007, respectively; and identified as Case LU6211, and of which improvements, in and for the United States, its territories, dependencies, and possessions, and for all foreign countries, we are now the sole owners; and

WHEREAS, **BASELL POLYOLEFINE GMBH**, a corporation duly organized and existing under and by virtue of the laws of Germany, and having its principal office and place of business in Wesseling, Germany, is desirous of acquiring the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for all foreign countries, in and to the said improvements, application, invention or inventions, and any Letters Patent that might be granted therefor or thereupon; the said Basell Polyolefine Gmbh, its successors and assigns, being hereinafter referred to as "**BASELL**".

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- (1) Said invention or inventions, and, in, to and under the above-identified patent application, and
- (2) All improvements and modifications of said invention or inventions which we solely or jointly have made or conceived, or shall make or conceive while we are employed by **BASELL**, and
- (3) All Letters Patent which may be granted by the United States of America, and countries foreign thereto, for or upon said application, invention or inventions, or said improvements or modifications, and in, to and under all reissues and extensions of said Letters Patent, and in, to and under all renewals, divisions, substitutes and continuations of the aforesaid application, and of any application filed in any country for any improvement or modification mentioned in clause (2) above;

and we hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States of America on the said invention or inventions to **BASELL** as assignee of the entire interest therein.

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IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this 14th day of March 2007

_____(L.S.)
Eberhard Herrmann

_____(L.S.)
Axel Sperber

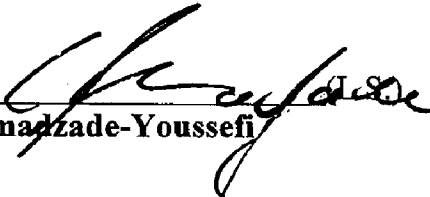
_____(L.S.)
Manfred Hecker

_____(L.S.)
Rainer Karer

_____(L.S.)
Klaus Berhalter

_____(L.S.)
Paulus de Lange

_____(L.S.)
Jörg Halpap

14.03.2007, 
Cyrus Ahmadzade-Youssefi