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SHEET

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

BOREALIS POLYMERS OY

19/18/01

2. Name and address of receiving party(ies)

Name: **BOREALIS TECHNOLOGY OY**

Internal Address:

Street Address: **P.O. Box 330, FIN-06101**

City: **Porvoo** State: ZIP:

Country: **Finland** Postal Code:

Additional name(s) of conveying party(ies) attached?

YES NO

Additional name(s) & address(es) attached? YES NO

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: **August 20, 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).

09/147,889

B. Patent No.(s).

Additional numbers attached? YES NO

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

Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**

Street Address: **P.O. BOX 747**

City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**

Country: **USA**

6. Total No. of applications/patents involved: **one (1)**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

- Enclosed
- Authorized to be charged to deposit account, **if no fee attached.**

8. Deposit account number: **02-2448**

(Attach triplicate copy of this page if paying by deposit account)

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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.

Andrew D. Meikle, #32,868

Name of Person Signing/Reg. No.

[Signature]
Signature

September 19, 2001

Date

Total number of pages including cover sheet, attachments, and document: **five (5)**

ASSIGNMENT

WHEREAS the inventors Thomas GAROFF, Timo LEINONEN and Sirpa ALA-HUIKKU by previous Assignment filed October 01, 1999, and recorded at Reel 010279/Frames 0004-0007, have assigned their full and exclusive right in and to an invention for new and useful improvements in or relating to PROCESS FOR THE POLYMERIZATION OF ALPHA OLEFINS, A CATALYST USED IN THE POLYMERIZATION AND ITS PREPARATION, which has been assigned Application No. 09/147,889 to: BOREALIS POLYMERS OY, a corporation organized and existing by virtue of the laws of Finland, located at P.O. Box 330, FIN-06101 Porvoo, Finland taking an interest on the above-mentioned patent application; and

WHEREAS, BOREALIS TECHNOLOGY OY a corporation organized and existing under and by virtue of the laws of Finland, having an office at P.O.Box 330, FIN-06101 Porvoo, Finland is desirous of acquiring from BOREALIS POLYMERS OY the entire undivided right, title and interest in and to the above-mentioned application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained, and BOREALIS POLYMERS OY is willing to assign its interest therein to BOREALIS TECHNOLOGY OY;

NOW, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, BOREALIS POLYMERS OY, acting through its legal representative does hereby sell, assign and transfer to BOREALIS TECHNOLOGY OY, its successors and assigns, its entire undivided right, title and interest in and to the said application and the invention therein contained, including the right to apply

for any Letters Patent in the United States of America on said invention and including the right to claim the priority of the date of filing in the United States and any Letters Patent that may issue thereon, or therefor, in the United States and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent may be issued, to be held and enjoyed by BOREALIS TECHNOLOGY OY, its successors and assigns the same as it would have been held and enjoyed by BOREALIS POLYMERS OY, if this assignment and sale had not been made.

AND, BOREALIS POLYMERS OY hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patents to BOREALIS TECHNOLOGY OY, in accordance with this instrument of assignment.

BOREALIS POLYMERS OY hereby represents and warrants that there are no rights or interests outstanding inconsistent with the rights and interest granted herein and that BOREALIS POLYMERS OY will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and BOREALIS POLYMERS OY binds itself and its heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to BOREALIS TECHNOLOGY OY, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by BOREALIS TECHNOLOGY OY, its successors and assigns to file applications for said improvements and invention in any country where it may elect to file such applications, and that may be necessary to vest in BOREALIS TECHNOLOGY OY, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such

application or applications may be filed.

AND, BOREALIS POLYMERS OY further covenants and agrees, in consideration of the premises, that it, its executors and administrators will, at any time upon request, communicate to BOREALIS TECHNOLOGY OY, its successors and assigns, any facts relating to said invention and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by BOREALIS TECHNOLOGY OY, its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In testimony whereof, the legal representative BOREALIS POLYMERS OY identified below has hereunto set his signature this 20 day of AUGUST, 2001.

BOREALIS POLYMERS OY:

By: Kaija Auterinen
(signature)

By: _____
(name of legal representative
of BOREALIS POLYMERS OY)

Kaija Auterinen
Patent Coordinator

Title: _____
(title of legal representative
of BOREALIS POLYMERS OY)

Witness: *James L. ...* (optional)

Witness: *Pat ...* (optional)