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

<p>1. Name of conveying party(ies): Michael W.M. TUCK Michael A. WOOD Andrew G. HILES</p> <p><i>Miles</i> <i>6.29.00</i></p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: June 1, 2000; June 2, 2000 and June 1, 2000</p>	<p>2. Name and address of first receiving party:</p> <p>Name: BASF Aktiengesellschaft Internal Address: _____ Street Address: D-67056 _____ _____ City: Ludwigshafen State/Country: Germany Zip: _____</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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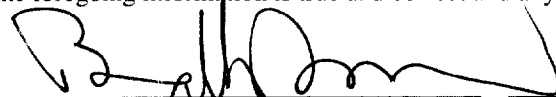
4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

<p>A. Patent Application No(s). (1) 09/554,194 (2) (3) <i>09/554194</i></p>	<p>B. Patent No(s). (1) (2) (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Bryan H. Davidson Internal Address: _____ Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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9. Statements 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.

<p>Bryan H. Davidson Name of Person Signing Reg. No. 30,251</p>	 Signature	<p>June 29, 2000 Date</p>
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Total number of pages including **original** cover sheet, attachments, and document: [4]

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ASSIGNMENT FOR PATENT APPLICATION
(U.S. Rights Only)

WHEREAS, Michael William Marshall TUCK, Michael Anthony WOOD and Andrew George HILES (hereinafter ASSIGNORS) of 5 Riggindale Road, London SW16 1QL, England, 28 Fir Tree Close, Hilton, Yarm RS15 9JZ, England, and Monaltrie, Chiltern Road, Chesham Bois, Amersham, Buckinghamshire HP6 5PH, England respectively, have made an invention entitled PROCESS FOR PREPARING GAMMA-BUTYROLACTONE, BUTANE-1,4-DIOL AND TETRAHYDROFURAN for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on 11 May 2000 under Serial No. _____; we hereby authorize and request ASSIGNEE'S attorneys, Nixon & Vanderhye P.C., of 1100 North Glebe Road, 8th Floor, Arlington, Virginia 22201-4714, to insert here the serial number of said application when known.

WHEREAS, BASF AKTIENGESELLSCHAFT, (hereinafter ASSIGNEE), a corporation of the Country of Germany, having an office and place of business at D-67056 Ludwigshafen, Germany, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in

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35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

1 June 2000

Date

[Handwritten signature]

Witnessed by:

Name: *X Mark Seth*

Date: 1 June 2000

Name: *KESH*

Date: 1 June 2000

2 June 2000

Date

[Handwritten signature]

Witnessed by:

Name: *S. N. T. H. g.*

Date: 2 June 2000

Name: *M. H. H.*

Date: 2 June 2000

1 June 2000

Date

[Handwritten signature]

Witnessed by:

Name: *T. S. G. g. g.*

Date: 1 June 2000

Name: *A. S. B. g. g.*

Date: 1 June 2000

Date

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____