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B/O FORM PTO-1595 (Rev. 5/93)

U.S. Department of Commerce  
Patent and Trademark Office



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

<p>1. Name of Conveying Party(ies):</p> <p>Margaret STEEL and Philip NORTON-BERRY</p>	<p>2. Name and Address of Receiving Party(ies):</p> <p>Name: SURFACE TRANSFORMS LTD</p> <p>Address: Chestnut Farm Tarvin Road Frodsham, Cheshire WA6 6XN ENGLAND</p>
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3. Nature of Conveyance:

**ASSIGNMENT**

Execution Date: August 10, 1998

4. (A) Patent Application Number(s):

09/091,413

If this document is being filed together with a new application, the execution date of the application is:

4. (B) Patent Number(s):

Additional Numbers Attached.

<p>5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:</p> <p>Name: RICHARD E. FICHTER REGISTRATION NO. 26,382</p> <p>Address: Bacon &amp; Thomas 625 Slaters Lane Alexandria, VA 22314</p>	<p>Total Number of Applications and Patents Involved: 1</p> <p>7. Total Fee: (37 CFR 3.41) <b>\$40.00</b></p> <p>SUBMITTED HEREWITH</p> <p>8. Deposit Account Number: 02-0200</p> <p>ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT.</p>
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9. Statement and Signature:

**To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.**

RICHARD E. FICHTER *Richard E Fichter* August 21, 1998

Name of Person Signing	Signature	Date
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Total number of pages including cover sheet, attachments and document: 2

ASSIGNMENT OF APPLICATION FOR PATENT

**WHEREAS** we, Margaret STEEL and Philip NORTON-BERRY, both of Surface Transforms Ltd, Chestnut Farm, Tarvin Road, Frodsham, Cheshire WA6 6XN, England have invented certain new and useful "Metal Carbide-Containing Refractory Materials" for which we have made application for Letters Patent of the United States thus entitled, said application having been filed on  
23 June 1998 as US Patent Application Serial No. 09/091413;

**AND WHEREAS** Surface Transforms Ltd, Chestnut Farm, Tarvin Road, Frodsham, Cheshire WA6 6XN, England, is desirous of acquiring the entire, right, title and interest in and to the said invention, application and any Letters Patent which may issue thereon;

**NOW THEREFORE**, to all whom it may concern, be it known that we the said Margaret STEEL and Philip NORTON-BERRY, for and in consideration of the sum of ONE DOLLAR (\$1.00) to each of us in hand paid by the said Surface Transforms Ltd, and for other good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell, assign, transfer and set over unto the said Surface Transforms Ltd, its successors and assigns, the entire right, title and interest in and to said invention and any Letters Patent that may issue thereon in the United States together with any divisional or divisionals, continuation or continuations, substitute or substitutes, extension or extensions, reissue or reissues, renewal or renewals thereof;

**AND** we hereby authorise and request the Commissioner of Patents to issue any and all Letters Patent which may issue upon said invention to said Surface Transforms Ltd, as assignee of the entire right, title and interest in and to said invention, application and any Letters Patent that may issue thereupon.

IN WITNESS WHEREOF we have hereunto set our hands this  
10th day of August 1998.

Margaret L Steel  
Margaret STEEL

Philip Norton-Berry  
Philip NORTON-BERRY