

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	12/11/2006										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Scott M. Schmidt</td> <td>12/11/2006</td> </tr> <tr> <td>Michael John Sandstrom</td> <td>12/12/2006</td> </tr> </tbody> </table>		Name	Execution Date	Scott M. Schmidt	12/11/2006	Michael John Sandstrom	12/12/2006				
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>U.S. Synthetic Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1260 South 1600 West</td> </tr> <tr> <td>City:</td> <td>Orem</td> </tr> <tr> <td>State/Country:</td> <td>UTAH</td> </tr> <tr> <td>Postal Code:</td> <td>84058</td> </tr> </table>		Name:	U.S. Synthetic Corporation	Street Address:	1260 South 1600 West	City:	Orem	State/Country:	UTAH	Postal Code:	84058
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (801)799-5700</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 8017995917</p> <p>Email: slcipdocket@hollandhart.com</p> <p>Correspondent Name: Jonathan R. Lee</p> <p>Address Line 1: 60 East South Temple</p> <p>Address Line 2: Eagle Gate Tower, Suite 2000</p> <p>Address Line 4: Salt Lake City, UTAH 84111</p>											
ATTORNEY DOCKET NUMBER:	51931.0047										
NAME OF SUBMITTER:	Jonathan R. Lee										
Total Attachments: 4											

CH 11463452 \$40.00

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**PATENT**  
**REEL: 018717 FRAME: 0156**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

U.S. PATENT APPLICATION NO. .... 11/463,452  
FILING DATE..... 9 August 2006  
INVENTORS..... Scott M. Schmidt et al.  
ASSIGNEE..... US Synthetic Corporation  
ATTORNEY'S DOCKET NO ..... 51931.0047  
TITLE..... SUPERABRASIVE COMPACT WITH SELECTED INTERFACE AND ROTARY DRILL BIT INCLUDING SAME

**PATENT ASSIGNMENT**

**INVENTORS:**

Scott M. Schmidt  
13982 Timber Ridge Drive  
Draper, Utah 84020

Michael John Sandstrom  
10212 N. 6580 West  
Highland, Utah 84003

**ASSIGNEE:**

US SYNTHETIC CORPORATION  
1260 South 1600 West  
Orem, UT 84058

**BACKGROUND OF THE ASSIGNMENT**

INVENTORS have conceived a certain new and useful invention disclosed in a United States patent application titled SUPERABRASIVE COMPACT WITH SELECTED INTERFACE AND ROTARY DRILL BIT INCLUDING SAME.

ASSIGNEE desires to acquire the entire right, title and interest in the invention and with respect to any Letters Patent or grant of rights equivalent thereto that may be granted with respect to the invention in both the United States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the undersigned INVENTORS hereby sell, assign, and transfer to US Synthetic Corporation, a corporation of the state of Delaware, the entire right, title, and interest in the above-identified patent application and to all divisional, continuing, substitute, renewal, reissue, and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all countries foreign to the United States relating to any subject matter disclosed by the above-identified patent application and hereby authorize the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors, or assigns.

Specifically, ASSIGNEE is hereby authorized to apply for patents relating to the invention in its own name in countries where such procedure is proper; to claim the benefit of, file, and prosecute applications relating to the invention under any international conventions or treaties, if applicable. INVENTORS agree to execute applications relating to the invention in those countries and under those international conventions or treaties, if applicable, where it is necessary that the same be executed by the INVENTORS, and to execute assignments of such applications and the resulting grant of patent rights or equivalents thereof to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

The INVENTORS further agree, at the request and expense of ASSIGNEE, to:

execute all divisional, continuing, substitute, renewal, reissue, and any other documents relating thereto;

execute all rightful oaths, declarations, assignments, powers of attorney, and other papers;

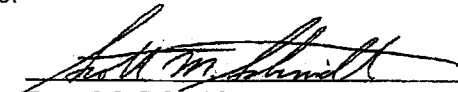
communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known to the undersigned relating to the above-referenced Application for United States Letters Patent;

testify as to the same in any interference, litigation, or other proceeding relating to the above-referenced application for United States Letters Patent; and

in general, do everything reasonably possible which the ASSIGNEE shall consider desirable for vesting title to such Application for United States Letters Patent in the ASSIGNEE, and for securing, maintaining, defending, or enforcing valid and enforceable patent protection therefor.

The INVENTORS acknowledge that the sale, assignment, and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of the undersigned INVENTORS and extend to the successors, assigns, and nominees of the ASSIGNEE.

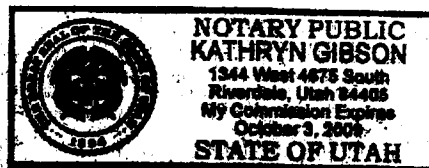
Signed on December 11, 2006.

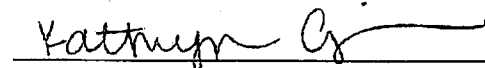
  
\_\_\_\_\_  
Scott M. Schmidt

STATE OF UTAH                    )  
  : SS.  
COUNTY OF Salt Lake )

On December 11, 2006, before me, a Notary Public, personally appeared Scott M. Schmidt, who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

[SEAL]



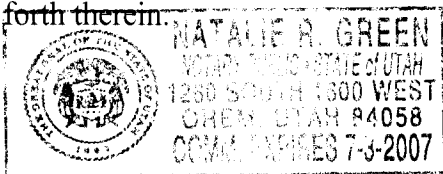
  
\_\_\_\_\_  
NOTARY PUBLIC

Signed on 12/12/06, 2006.

  
Michael John Sandstrom

STATE OF UTAH                    )  
  : ss.  
COUNTY OF Utah            )

On December 12, 2006, before me, a Notary Public, personally appeared Michael John Sandstrom, who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.



  
NOTARY PUBLIC

[SEAL]