

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronald BIRKHOFF	06/12/2013
RECEIVING PARTY DATA	
Name:	BADGER LICENSING LLC
Street Address:	1 FINANCIAL CENTER
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02111
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US2013046056
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ATTORNEY DOCKET NUMBER:	400008-20020PCT
NAME OF SUBMITTER:	Peter W. Roberts
Signature:	/Peter W. Roberts/
Date:	06/17/2013
Total Attachments: 1 source=400018-20020PCT_SignedAssignment#page1.tif	

CH \$40.00 US2013046056

**ASSIGNMENT**

WHEREAS, RONALD BIRKHOFF (hereinafter referred to as ASSIGNOR(S)), has/have invented certain new and useful inventions relating to **PROCESS FOR PRODUCING PHENOL** (hereinafter referred to as THE INVENTION) for which a U.S. provisional patent application No. 61/671,283 was filed on July 13, 2012,

WHEREAS, **BADGER LICENSING LLC**, a corporation duly organized under and pursuant to the laws of the state of Delaware and whose post office address is **1 FINANCIAL CENTER, BOSTON, MASSACHUSETTS 02111, USA** (hereinafter referred to as ASSIGNEE(S)), is/are desirous of acquiring the entire right, title and interest in and to THE INVENTION in the United States and throughout the world.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR(S), by these presents does/do sell, assign and transfer unto said ASSIGNEE(S), the entire right, title and interest in and to THE INVENTION and THE APPLICATION throughout the United States of America, including any and all United States Letters Patent granted on any non-provisional, division, continuation, and reissue of THE APPLICATION; and the entire right, title and interest in and to THE INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR(S) under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all applications filed throughout the world in respect of THE INVENTION and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of THE INVENTION.

ALSO, ASSIGNOR(S) hereby agrees/agree to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of THE INVENTION or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for THE INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to THE INVENTION, all without further consideration. ASSIGNOR(S) also agrees/agree, without further consideration and at ASSIGNEE'S/ASSIGNEES' expense, to identify and communicate to ASSIGNEE(S) at ASSIGNEE'S/ASSIGNEES' request documents and information concerning THE INVENTION that are within ASSIGNOR'S/ASSIGNORS' possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE(S) that lawfully may be required of ASSIGNOR(S) in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR(S) also agrees/agree, without further consideration and at ASSIGNEE'S/ASSIGNEES' expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE'S/ASSIGNEES' request documents and information concerning the enforcement of the right to sue within ASSIGNOR(S) possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE(S) that lawfully may be required of ASSIGNOR(S) in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S/ASSIGNORS' obligation under this instrument shall extend to ASSIGNOR'S/ASSIGNORS' heirs, executors, administrators and other legal representatives.

ASSIGNOR(S) hereby grants/grant the firm of Roberts Mlotkowski Safran & Cole, P.C of McLean, Virginia, 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 United States Patent and Trademark Office for recordation of this document.

ASSIGNOR(S) hereby authorizes/authorize and requests/request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNORS had this assignment and sale not been made.

Date 6/12/13

Signature of Assignor

  
RONALD BIRKHOFF