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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE: ASSIGNMENT	SUBMISSION TYPE:	NEW ASSIGNMENT
	NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
COMMISSARIAT A L'ENERGIE ATOMIQUE	09/09/2013

RECEIVING PARTY DATA

Name:	NGK INSULATORS, LTD.
Street Address:	2-56, SUDA-CHO, MIZUHO-KU
City:	NAGOYA-SHI, AICHI-PREFECTURE
State/Country:	JAPAN
Postal Code:	467-8530

PROPERTY NUMBERS Total: 1

Property Type	Number	
Patent Number:	8044414	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	888_017	
NAME OF SUBMITTER:	STEPHEN P. BURR	
Signature:	/SBurr/	
Date:	10/16/2013	

Total Attachments: 2

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PATENT REEL: 031414 FRAME: 0044 \$40,00 8044414

ASSIGNMENT

Whereas, COMMISSARIAT A L'ENERGIE ATOMIQUE ("Assignor"), an

organization established by the French government and residing at Bâtiment Le ponant D – 25 rue

Leblanc, 75015 Paris, France, is a co-owner of U.S. Patent No. 8,044,414 B2, issued October 25,

2011, by virtue of an Assignment from the inventors recorded in the U.S. PTO on March 19, 2008,

at Reel 020672, Frames 0792-0796;

Whereas, NGK INSULATORS, LTD. ("Assignee"), a corporation organized under the

laws of Japan and residing at 2-56, Suda-Cho, Mizuho-Ku, Nagoya-Shi, Aichi-Prefecture, Japan,

467-8530, is also a co-owner of U.S. Patent No. 8,044,414 B2 by virtue of said Assignment;

Whereas, NGK INSULATORS, LTD. is desirous of acquiring the entire right, title and

interest in U.S. Patent No. 8,044,414 B2;

Now, therefore, for good and valuable consideration, the receipt and adequacy of

which is hereby acknowledged by both parties, Assignor hereby sells, assigns and transfers to the

Assignee the entire right, title and interest in and to U.S. Patent No. 8,044,414 B2, and any and all

letters patents that may be obtained by the Assignee through any continuations, divisions, renewals,

or substitutes thereof, as well as any letters patent that may result from any reissues or

re-examinations thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been

or will be made or entered into which would conflict with this Assignment.

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PATENT REEL: 031414 FRAME: 0045 Assignor further covenants that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to U.S. Patent No. 8,044,414 B2 and the invention disclosed and claimed therein as may be known and accessible to Assignor and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce U.S. Patent No. 8,044,414 B2 which may be necessary or desirable to carry out the purposes thereof.

Date: 0 9 SEP 2013	COMMISSARIAT A L'ENERGIE ATOMIQUE
	Signature of Assignor's Representative
Philippe MORISSEAU Deputy Head of CEA/DJC/SCPIA	By:
	Title:

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