PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Akira MATSUO	09/28/2011
Yasutsugu UENO	09/28/2011
Keiji HARA	09/28/2011
Keiichi OZUKA	09/28/2011
Shuichi TERAMOTO	09/28/2011

RECEIVING PARTY DATA

Name:	Nippon Tungsten Co., Ltd.	
Street Address:	2-8, Minoshima 1-chome, Hakata-ku	
City:	Fukuoka-shi, Fukuoka	
State/Country:	JAPAN	
Postal Code:	812-8538	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13265368

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Michelle Rhodes

Total Attachments: 2

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PATENT

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Attorney Docket No.: 15232.1

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Akira MATSUO, Yasutsugu UENO, Keiji HARA, Keiichi OZUKA, and Shuichi TERAMOTO (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled <u>TUNGSTEN CATHODE MATERIAL</u> for which application for Letters Patent of the United States has been
executed on even date herewith; x filed on 10/20/11 as Serial No. 13/265,368
WHEREAS, Nippon Tungsten Co., Ltd., 2-8, Minoshima 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-8538, Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefore;
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.
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 and sale;
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.
Dated: 54 tember 28. 2011 Whire Protection Akira MATSUO
Dated: Sep. 28 2011 Yesitengu Zieno Yasutsugu UENO
Dated: September 28. 2011 Keiji Hara

Dated: <u>Sep. 28, 2011</u>

Dated: <u>7ep. 28, 2011</u>

Kejichi Ozuka Keilchi OZUKA Hulchi Teramoto Shulchi TERAMOTO

Page 2 of 2