PATENT ASSIGNMENT

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SUBMISSION TYPE	:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PART	Y DATA				
		Name	Execution Date		
Houston J.S. BROV	VN		06/11/2013		
Jeffrey Mark STRYKER			06/11/2013		
Dominque M. HEBE	RT		06/11/2013		
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Property	Туре	Number			
Application Number	r:	13899262			
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502387260			REEL: 030627 FRAME: 0276		

Date:	06/17/2013
Total Attachments: 3 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif	

ASSIGNMENT

We, Houston J. S. Brown, Jeffrey Mark Stryker and Dominque M. Hebert whose full post office addresses are, respectively: 209, 10818 - 81st Avenue, Edmonton, Alberta T6E 1Y4, 8726 - 120th Street, Edmonton, Alberta T6G 1X4 and 7, 10725 - 85th Avenue, Edmonton, Alberta T6E 2K9, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby irrevocably assign to the Governors of the University of Alberta, whose full post office address is 3-20 University Hall, University of Alberta, Edmonton, Alberta T6G 2J9, all our right, title and interest in and to an invention described in U.S. Patent Application No. 13/899,262 entitled "MIXED-VALENT TRANSITION METAL-PHOSPHORANIMIDE CATALYSTS", as filed in the United States Patent and Trademark Office on May 21, 2013, and worldwide rights therein, including all divisions, continuations, and substitutions thereof, and all Canadian and foreign patents which shall issue on said invention, including all reissues, renewals, and extensions thereof, including the right to file corresponding applications for patents or the legal equivalent thereof in any and all foreign countries, and the right to claim priority under any and all applicable treaties and conventions including the Paris Convention for the Protection of Industrial Property and the Patent Co-operation Treaty of the World Intellectual Property Organization ("WIPO") for such corresponding applications, or any division, continuation, renewal or substitution thereof, the same to be held and enjoyed by said assignee, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment not been made. We hereby authorize and request the Commissioner of Patents in the United States, Canada, and in all foreign countries to issue all patents or legal equivalents thereof based on said invention to the Governors of the University of Alberta, its successors and assigns.

We covenant and agree that we will, at any time on request and at the expense of the Governors of the University of Alberta, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of the Governors of the University of Alberta, to enable and assist the Governors of the University of Alberta to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in the Governors of the University of Alberta, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We represent and warrant that no assignment, mortgage, sale, license, pledge, encumbrance or alienation of said invention or patent application has been or will be made or entered into which would conflict with this assignment and sale. IN TESTIMONY WHEREOF, I have duly executed this assignment as my free act and deed.

Signed at <u>Edmonton</u>, <u>AB</u>, <u>Caneda</u>, this <u>11</u> day of <u>June</u>, 20<u>13</u>. City Province Country

Houston J. S. Brown

HBrown

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Housen Brown
who is personally known to me, duly execute the above assignment on the date therein set forth.
Signature of Witness Wayne D Ment
Name of Witness Orain Brown Wayne Hoffet
74B 11 June 2013
Address of Witness 10959-62 Ave. NW. Echnonton, AB
/ •

IN TESTIMONY WHEREOF, I have duly executed this assignment as my free act and deed.

Signed at	Edmonton, <u>AB</u> , <u>Conodo</u> , this <u>11</u> day of <u>Jone</u> , 20 <u>13</u> . City Province Country
Jeffrey M	ark Stryker
CERTIFI	CATE OF WITNESS
who is pe	I acknowledge that I was personally present and did see $Jeff Stryker$, ersonally known to me, duly execute the above assignment on the date therein set forth.

who is personally known	to me, duty execute the above assignment on the date thereaf set forth.	
Signature of Witness	Wayne N POLA	
Name of Witness	Wayne MOFFAV	
	10859-62 Ave. Na. Edwarton	AB
Address of Witness	10737 021408. WW. Manager	

U.S. Patent Application No. 13/899,262 Title: MIXED-VALENT TRANSITION METAL-PHOSPHORANIMIDE CATALYSTS IN TESTIMONY WHEREOF, I have duly executed this assignment as my free act and deed.

Signed at Edmonton, AB, <u>Cannola</u>, this <u>11</u> day of <u>June</u>, 20<u>13</u>. City Province Country

Dominque M. Hebert

Jonnh ffe

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see <u>Domingue</u> <u>Hebert</u>, who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness	Decan	
Name of Witness	LYNNE LECHELT	_
Address of Witness	EDMONTON, ALBERTA	

RECORDED: 06/17/2013