

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Marcia B. France		11/10/2006
RECEIVING PARTY DATA		
Name:	California Institute of Technology	
Street Address:	1200 East California Boulevard	
City:	Pasadena	
State/Country:	CALIFORNIA	
Postal Code:	91125	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Patent Number:	7102047	
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NAME OF SUBMITTER:	Isaac M. Rutenberg	
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PATENT  
REEL: 018515 FRAME: 0316

## ASSIGNMENT

THIS ASSIGNMENT, by Marcia B. France (hereinafter referred to as the assignor), residing at 16 Whitmore Street, Lexington, VA 24450, witnesseth:

WHEREAS, the said assignor has invented certain new and useful improvements in HIGH METATHESIS ACTIVITY RUTHENIUM AND OSMIUM METAL CARBENE COMPLEXES set forth in United States Patent No. 7,102,047, issued September 5, 2006; and WHEREAS, California Institute of Technology, a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 1200 East California Boulevard, Pasadena, CA 91125 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said Letters Patent or Patents, United States or foreign, and to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, her entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of her entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns.

Date: 10 November 2006

Marcia B. France  
Name of Inventor: Marcia B. France

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