

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mark J. Hampden-Smith</td><td>05/26/1998</td></tr><tr><td>Toivo T. Kodas</td><td>05/26/1998</td></tr><tr><td>Quint H. Powell</td><td>05/26/1998</td></tr><tr><td>Daniel J. Skamser</td><td>05/26/1998</td></tr><tr><td>James Caruso</td><td>05/26/1998</td></tr><tr><td>Clive D. Chandler</td><td>05/20/1998</td></tr></tbody></table>	Name	Execution Date	Mark J. Hampden-Smith	05/26/1998	Toivo T. Kodas	05/26/1998	Quint H. Powell	05/26/1998	Daniel J. Skamser	05/26/1998	James Caruso	05/26/1998	Clive D. Chandler	05/20/1998	
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Clive D. Chandler	05/20/1998														
RECEIVING PARTY DATA															
Name:	Nanochem Research LLC														
Street Address:	3740 Hawkins NE														
City:	Albuquerque														
State/Country:	NEW MEXICO														
Postal Code:	87109														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10790958</td></tr></tbody></table>	Property Type	Number	Application Number:	10790958											
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CORRESPONDENCE DATA															
Fax Number:	(303)338-1514														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	303-338-0997														
Email:	ddockery@mfbllaw.com														
Correspondent Name:	David F. Dockery														
Address Line 1:	3151 South Vaughn Way, Suite 411														
Address Line 4:	Aurora, COLORADO 80014														
ATTORNEY DOCKET NUMBER:	41890-01693														
NAME OF SUBMITTER:	David F. Dockery														

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PATENT

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REEL: 017544 FRAME: 0323

**Total Attachments: 5**

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**PATENT**

**REEL: 017544 FRAME: 0324**

# ASSIGNMENT

WHEREAS, we, Mark J. Hampden-Smith, of 2901 Maximillian NW, Albuquerque, New Mexico 87131, Toivo T. Kudas, of 11102 San Rafael Drive NE, Albuquerque, New Mexico 87122, Quint H. Powell, of 14336 Grand Avenue NE, Albuquerque, New Mexico 87123, Daniel J. Skamser, of 10327 Hackamore Place SW, Albuquerque, New Mexico 87121, and James Caruso, of 7721 Cedar Canyon Court NE, Albuquerque, New Mexico 87122, together with Clive D. Chandler, of 10706 SW Capitol Highway #44, Portland, Oregon 97219, are inventors of a certain new and useful invention entitled "PALLADIUM-CONTAINING PARTICLES, METHOD AND APPARATUS OF MANUFACTURE, PALLADIUM-CONTAINING DEVICES MADE THEREFROM," for which an application for Letters Patent of the United States has been prepared, said application having been filed on February 24, 1998, being identified as Attorney File No. 41890-00030 and having received U.S. Application Serial No. 09/028,751.

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, a New Mexico limited liability company having a business address of 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC, and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, each party hereto has executed this Assignment as of the date indicated hereunder.

Date: 5-26-98

By: Mark J. Hampden-Smith  
Mark J. Hampden-Smith

Date: 5/26/98

By: Toivo T. Kudas  
Toivo T. Kudas

Date: 5/26/98

By: Quint H. Powell  
Quint H. Powell

Date: 5/26/98

By: Daniel J. Skamser  
Daniel J. Skamser

Date: 5/26/98

By: James Caruso  
James Caruso

STATE OF New Mexico )  
COUNTY OF Bernalillo ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Mark J. Hampden-Smith, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 26 day of May, 1998.

Rita Sherman  
Notary Public

My Commission Expires: Sept 11 2001

STATE OF New Mexico )  
COUNTY OF Bernalillo ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Toivo T. Kodas, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 26 day of May, 1998.

Rita Sherman  
Notary Public

My Commission Expires: Sept 11, 2001

STATE OF New Mexico )  
COUNTY OF Bernalillo ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Quint H. Powell, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 26 day of May, 1998.

Rita Sherman  
Notary Public

My Commission Expires: Sept 11, 2001

STATE OF New Mexico )  
 ) ss.  
COUNTY OF Bernalillo )

Before me, a Notary Public in and for said County and State, personally appeared Daniel J. Skamser, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 26 day of May, 1998.

Daniel Skamser  
Notary Public

My Commission Expires: Sept 11, 2001

STATE OF New Mexico )  
 ) ss.  
COUNTY OF Bernalillo )

Before me, a Notary Public in and for said County and State, personally appeared James Caruso, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 26 day of May, 1998.

Daniel Skamser  
Notary Public

My Commission Expires: Sept 11, 2001

## ASSIGNMENT

WHEREAS, I, Clive D. Chandler, of 10706 SW Capitol Highway #44, Portland, Oregon 97219, together with Mark J. Hampden-Smith, of 2901 Maximillian NW, Albuquerque, New Mexico 87131, Toivo T. Kudas, of 11102 San Rafael Drive NE, Albuquerque, New Mexico 87122, Quint H. Powell, of 14336 Grand Avenue NE, Albuquerque, New Mexico 87123, Daniel J. Skamser, of 10327 Hackamore Place SW, Albuquerque, New Mexico 87121, and James Caruso, of 7721 Cedar Canyon Court NE, Albuquerque, New Mexico 87122, am an inventor of a certain new and useful invention entitled "PALLADIUM-CONTAINING PARTICLES, METHOD AND APPARATUS OF MANUFACTURE. PALLADIUM-CONTAINING DEVICES MADE THEREFROM," for which an application for Letters Patent of the United States has been prepared, said application having been filed on February 24, 1998, being identified as Attorney File No. 41890-00030 and having received U.S. Application Serial No. 09/028,751.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, a New Mexico limited liability company having a business address of 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention. application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: May 20 1998

By:   
Clive D. Chandler

STATE OF Oregon )  
 ) ss.  
COUNTY OF Washington )

Before me, a Notary Public in and for said County and State, personally appeared Clive D. Chandler, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 20 day of May, 1998.



Lisa M. Rogers  
Notary Public

My Commission Expires: 12-18-2001