

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Karel Vanheusden	06/19/2007
Klaus Kunze	07/11/2007
Hyungrak Kim	07/25/2007
Aaron D. Stump	07/13/2007
Allen B. Schult	07/12/2007
Mark Hampden-Smith	07/24/2007
Chuck Edwards	08/10/2007
Anthony R. James	07/13/2007
James Caruso	08/10/2007
Toivo T. Kodas	08/10/2007
Scott T. Haubrich	07/10/2007
Mark H. Kowalski	07/11/2007

**RECEIVING PARTY DATA**

Name:	Cabot Corporation
Street Address:	Two Seaport Laned
Internal Address:	Suite 1300
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02210-2019

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11331230

**CORRESPONDENCE DATA**

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CH \$40.00 11331230

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ATTORNEY DOCKET NUMBER:

2005A003.2

NAME OF SUBMITTER:

Tina R. Baker

**Total Attachments: 6**

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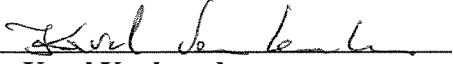



ASSIGNMENT

WHEREAS, we, **Karel Vanheusden**, 861 Covington Road, Los Altos, CA 94024, **Klaus Kunze**, 4921 Camino de Monte NE, Albuquerque, NM 87111, **Hyungrak Kim**, 6220 Parktree NE, Albuquerque, NM 87111, **Aaron D. Stump**, 724 Marcella Street NE, Albuquerque, NM 87123, **Allen B. Schult**, 8100-M4 Wyoming Blvd. NE, #188, Albuquerque, NM 87113, **Mark J. Hampden-Smith**, 5808 Padre Roberto NW, Albuquerque, NM 87107, **Chuck Edwards**, 2317 Manzano Loop NE, Rio Rancho, NM 87144, **Anthony R. James**, 641 Autumn Meadows Dr., Rio Rancho, NM 87144, **James Caruso**, 7721 Cedar Canyon Court NE, Albuquerque, NM 87122, **Toivo T. Kodas**, 11102 San Rafael Ave. NE, Albuquerque, NM 87122, **Scott T. Haubrich**, 9401 Bobcat Blvd. NE, Albuquerque, NM 87122, and **Mark H. Kowalski**, 9215 Ventura Street NE, Albuquerque, NM 87122, have invented a certain new and useful invention entitled "*PRODUCTION OF METAL NANOPARTICLES*", for which an application for Letters Patent of the United States has been prepared and filed on January 13, 2006, receiving Serial No. 11/331,230, and further identified as Attorney File No. 2005A003.2;

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, Cabot Corporation, a Delaware corporation having a place of business at Two Seaport Lane, Suite 1300, Boston, MA 02210-2019, 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 Cabot Corporation; 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 Cabot Corporation, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Dated: <u>JUNE 19</u> , 2007	By: <u></u> <b>Karel Vanheusden</b>
Dated: <u>July 11</u> , 2007	By: <u></u> <b>Klaus Kunze</b>
Dated: <u>July 21</u> , 2007	By: <u></u> <b>Hyungrak Kim</b>
Dated: <u>July 13</u> , 2007	By: <u></u> <b>Aaron D. Stump</b>

Dated: July 12, 2007

By: [Signature]  
Allen B. Schult

Dated: July 24, 2007

By: [Signature]  
Mark Hampden-Smith

Dated: Aug 10, 2007

By: [Signature]  
Chuck Edwards

Dated: 7/13, 2007

By: [Signature]  
Anthony R. James

Dated: 8/10, 2007

By: [Signature]  
James Caruso

Dated: 8/10, 2007

By: [Signature]  
Toivo T. Kodas

Dated: July 10, 2007

By: [Signature]  
Scott T. Haubrich

Dated: 7/11, 2007

By: [Signature]  
Mark H. Kowalski

STATE OF CALIFORNIA )  
COUNTY OF Santa Clara ss.

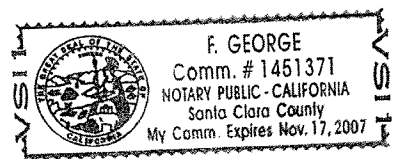
Before me, a Notary Public in and for said County and State, personally appeared Karel Vanheusden, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 19<sup>th</sup> day of June, 2007.

My Commission Expires: 11-17-07

[Signature]  
Notary Public

\* Who proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO    )

Before me, a Notary Public in and for said County and State, personally appeared **Klaus Kunze**, 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 11 day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Mori  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO    )

Before me, a Notary Public in and for said County and State, personally appeared **Hyungrak Kim**, 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 25 day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Mori  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO    )

Before me, a Notary Public in and for said County and State, personally appeared **Aaron D. Stump**, 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 13 day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Mori  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO    )

Before me, a Notary Public in and for said County and State, personally appeared **Allen B. Schult**, 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 12<sup>th</sup> day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Moran  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO    )

Before me, a Notary Public in and for said County and State, personally appeared **Mark 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 24 day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Moran  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF Bernalillo    )

Before me, a Notary Public in and for said County and State, personally appeared **Chuck Edwards**, 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 10 day of August, 2007.

My Commission Expires: 3/28/2011

Judith T. Moran  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO )

Before me, a Notary Public in and for said County and State, personally appeared **Anthony R. James**, 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 13 day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Mori  
Notary Public

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 10 day of August, 2007.

My Commission Expires: 3/28/2011

Judith T. Mori  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO )

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 10 day of August, 2007.

My Commission Expires: 3/28/2011

Judith T. Mori  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO )

Before me, a Notary Public in and for said County and State, personally appeared **Scott T. Haubrich**, 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 10 day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Moran  
Notary Public

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF BERNALILLO )

Before me, a Notary Public in and for said County and State, personally appeared **Mark H. Kowalski**, 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 11 day of July, 2007.

My Commission Expires: 3/28/2011

Judith T. Moran  
Notary Public