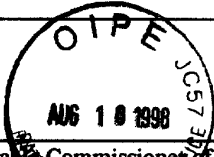


08-17-1998



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To the Honorable Commissioners of Patents and Trademarks. Please record the attached original documents or copy thereof.

MRD 8-10-98

1. Name of conveying party(ies):
Vlasta Brusic Kaufman
Rodney C. Kistler
Shumin Wang

2. Name and address of receiving party(ies):
 Name: Cabot Corporation
 Internal Address: _____
 Street Address: 75 State Street

Additional name(s) of conveying party(ies) attached? No
 3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
 Execution Date(s): July 28, 1998

City: Boston State: MA ZIP: 02109
 Additional name(s) & address(es) attached? Yes No

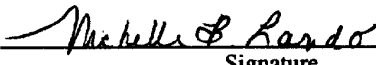
4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:
 A. Patent Application No.(s)
09/105,555

B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Michelle B. Lando
 Internal Address: Law Department
 Street Address: Cabot Corporation
157 Concord Road
 City: Billerica State: MA ZIP: 01821

Total Number of applications and patents involved:
 Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
 8. Deposit Account Number: 03-0060
 Duplicate Copy of this page is attached.

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Michelle B. Lando  8/6/98
 Name of Person Signing Signature Date
 Total number of pages including cover sheet 5

OMB No. 0651-0011 Do not detach this portion:

Mail documents to be recorded with required cover sheet information to:

(08/14/1998 TTON11 00000023 030060 09105555) Commissioner of Patents and Trademarks
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ASSIGNMENT

WHEREAS, we, Vlasta Brusic Kaufman of 721 Easton Avenue, Geneva, Illinois 60134, a citizen of the United States of America; Rodney C. Kistler of 42W597 Steeple Chase, St. Charles, Illinois 60175, a citizen of the United States of America; and Shumin Wang of 1006 Dakota Circle, Naperville, Illinois 60563, a citizen of the People's Republic of China, having invented the subject matter described in the U. S. Patent Application entitled "**CHEMICAL MECHANICAL POLISHING SLURRY USEFUL FOR COPPER/TANTALUM SUBSTRATE**," the specification of which was filed on **June 26, 1998**, as United States Patent Application Serial No. **09/105,555**; and

WHEREAS, Cabot Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, doing business at 75 State Street, Boston, Massachusetts 02109, is desirous of acquiring the entire right, title and interest in and to said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained.

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) lawful money of the United States and other valuable considerations, in hand paid to us, the receipt and sufficiency whereof is hereby acknowledged, we, Vlasta Brusic Kaufman, Rodney C. Kistler, and Shumin Wang have sold, assigned and transferred and do hereby sell, assign and transfer unto Cabot Corporation, its successors and assigns, the entire right, title and interest in and to said application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America and in any and all foreign countries on said invention, and any and all other applications for Letters Patent on said invention, in whatsoever countries, including all divisional, renewal, substitution, continuation, continuation-in-part, reissue, re-examination and Convention applications based upon said invention or upon said application, to the full end of the term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention, said application and said Letters Patent, the same to be held and enjoyed by

Cabot Corporation, its successors and assigns, the same as it would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize Cabot Corporation, to file patent applications in any or all countries on any or all of said invention in our name or in the name of Cabot Corporation, or otherwise as Cabot Corporation, may deem advisable, under any International Convention or otherwise.

And we hereby authorize the Commissioner of Patents of the United States and the empowered officials of all other governments to issue or transfer all said Letters Patent to Cabot Corporation, as assignee of the entire right, title and interest therein or otherwise as Cabot Corporation, may direct, in accordance with this instrument of assignment.

We hereby represent and warrant that there are no rights or interests inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interest granted herein, and that we, Vlasta Brusic Kaufman, Rodney C. Kistler and Shumin Wang, bind ourselves and our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to Cabot Corporation, its successors and assigns, any further documents or instruments and do any and all further acts that may reasonably be deemed necessary by Cabot Corporation, to enable Cabot Corporation, its successors or assigns, to file applications for the invention in any country where it may elect to file such applications, and that may be necessary to vest in Cabot Corporation, its successors and assigns, the title herein conveyed or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

And we further covenant and agree, in consideration of the premises, that we, our executors and administrators, will at any time, upon request, communicate to Cabot Corporation, its successors and assigns, any facts relating to the invention and the improvements contained therein and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by Cabot Corporation, its successors and assigns.

IN TESTIMONY WHEREOF, I, **Vlasta Brusic Kaufman**, have hereunto set my hand and seal this 28th day of July, 1998.

Vlasta Brusic Kaufman
Vlasta Brusic Kaufman

STATE OF ILLINOIS)
) ss.
COUNTY OF DU PAGE)

On this 28th day of July, 1998, before me personally appeared **Vlasta Brusic Kaufman**, to me known and known to me to be the individual described herein and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the purpose therein set forth.



Holly A. Barry
NOTARY PUBLIC
My Commission Expires: 8/3/99

IN TESTIMONY WHEREOF, I, **Rodney C. Kistler**, have hereunto set my hand and seal this 28th day of July, 1998.

Rodney C. Kistler
Rodney C. Kistler

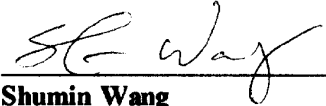
STATE OF ILLINOIS)
) ss.
COUNTY OF DU PAGE)

On this 28th day of July, 1998, before me personally appeared **Rodney C. Kistler** to me known and known to me to be the individual described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the purpose therein set forth.



Holly A. Barry
NOTARY PUBLIC
My Commission Expires:

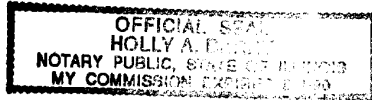
IN TESTIMONY WHEREOF, I, **Shumin Wang**, have hereunto set my hand and seal
this 28th day of July, 1998.



Shumin Wang

STATE OF ILLINOIS)
) ss.
COUNTY OF DU PAGE)

On this 28th day of July, 1998, before me personally appeared **Shumin Wang** to
me known and known to me to be the individual described herein and who executed the
foregoing instrument, and she duly acknowledged to me that she executed the same for the
purpose therein set forth.





NOTARY PUBLIC
My Commission Expires: 8/13/99

assign25mmd