| 01-31- | 2002 |
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| Form PTO-1595 | |
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| To the Commissioner for Patents. Please record the attached original documents or copy thereof. | |
| | |
| Paul S. Palumbo | Name: Cabot Corporation |
| | - |
| | Internal Address: |
| | |
| | - |
| Additional name(s) of conveying party(ies) attached? No | Street Address:Two Seaport Lane |
| 3. Nature of Conveyance: | Suite 1300 |
| 🛛 Assignment 🗌 Merger | City: Boston State: MA ZIP 0221 |
| Security Agreement Change of Name Other | Additional name(s) & address(es) attached? 🛛 Yes |
| | No |
| Execution Date(s): November 20, 2001 4. Application number(s) or patent number(s): | |
| If this document is being filed together with a new application | on, the execution date of the application is: |
| A. Patent Application No.(s) | B. Patent No.(s) JAN 18 2002 |
| 09/982,245 filed October 17, 2001 | L |
| | |
| Additional numbers attached? Yes No 5. Name and address of party to whom correspondence | Additional numbers attached? Yes No 1 Total Number of applications and patents involved: 1 |
| concerning document should be mailed: | rour rounder of appreations and patents involved. |
| Name: Michelle B. Lando | |
| Internal Address: Law Department | Total fee (37 CFR 3.41): \$ 40.00 |
| Street Address: Cabot Corporation | Enclosed Authorized to be charged to deposit account |
| City: Billerica State MA ZIP 01821 | 8. Deposit Account Number: 03-0060 |
| City: <u>Billerica</u> State <u>MA</u> ZIP <u>01821</u> | 8. Deposit Account Number: <u>03-0060</u> Duplicate Copy of this page is attached. |
| | SE THIS SPACE |
| 9. Statement and signature. | |
| To the best of my knowledge and belief, the foregoing inform the original document. | nation is true and correct and any attached copy is a true copy (|
| | 11 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - |
| Michelle B. Lando // I. Michel | Ule B. Rando12/19/01SignatureDate |
| | Total number of pages including cover sheet: 4 |
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| Box Assignment Director - U.S. Patent and Trademark Office | |
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| | PATENT |

PATENT REEL: 012512 FRAME: 0358

ASSIGNMENT

WHEREAS, We, Yuan Yu of 3 Smokey Lane, Nashua, New Hampshire 03062, a citizen of the People's Republic of China, and Paul S. Palumbo of 271 Cherry Street, West Newton, Massachusetts 02465, a citizen of the United States of America, having invented the subject matter described in the U. S. Patent Application entitled "DISPERSIONS COMPRISING MODIFIED PIGMENTS," the specification of which was filed on October 17, 2001, as United States Patent Application Serial No. 09/982,245; and

WHEREAS, Cabot Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, doing business at Two Seaport Lane, Suite 1300, Boston, Massachusetts 02210, 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 moncy of the United States and other valuable considerations, in hand paid to us, the receipt and sufficiency whereof is hereby acknowledged, we, Yuan Yu and Paul S. Palumbo, 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 provisional, 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, 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.

Assignment - Page 1 of 3

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, Yuan Yu and Paul S. Palumbo, have sold, assigned and transferred and do hereby sell, assign and transfer unto 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.

Assignment - Page 2 of 3

IN TESTIMONY WHEREOF, I, Yuan Yu, have hereunto set my hand and seal this 20^{th} day of November, 2001.

) ss.

Yuan Yu

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF MIDDLESEX

On this 20^{th} day of November, 2001, before me personally appeared Yuan Yu, before 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.

Marlene R. Fitch NOTARY PUBLIC

NOTARY PUBLIC My Commission Expires:

MARLENE R. FITCM Notary Public My Commission Expires 10-18-2007

IN TESTIMONY WHEREOF, I, Paul S. Palumbo, have hereunto set my hand and seal this $2\delta^{+}$ day of November, 2001.

Jaul S. Talumbo

Paul S. Palumbo

) ss.

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF MIDDLESEX

On this 20^{th} day of November, 2001, before me personally appeared **Paul S**. **Palumbo**, before 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.

Marlene R. Fitch____

NOTARY PUBLIC My Commission Expires:

01025.doc

Assignment - Page 3 of 3

MARLENE R. FITCH Notary Public Ny Commission Expires 10-18-2007

PATENT REEL: 012512 FRAME: 0361

RECORDED: 01/18/2002