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## U.S. PATENT AND TRADEMARK OFFICE

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To the Assistant Commissioner for Patents  
Please record the attached original documents or copy thereof.

## 1. Name of conveying parties:

Khaled MAHMUD, Meng-Jiao WANG, and Yakov KUTSOVSKY

Additional name(s) of conveying party(ies) attached? Yes \_\_\_ No XX

## 2. Name and address of receiving party:

Name: CABOT CORPORATION

Street Address: 75 State Street, Boston, Massachusetts 02109

Additional name(s) & address(es) attached? Yes \_\_\_ No XX3. Nature of conveyance: XX Assignment Ex. Date: November 3 and November 8, 19994. Title: A METHOD OF MAKING A MULTI-PHASE AGGREGATE USING A MULTI-STAGE  
PROCESS

## 5. 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:  
December 2, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes \_\_\_ No XX

## 6. Name and address of party to whom correspondence concerning document should be mailed

Martha Ann Finnegan, Esq.

Law Department

CABOT CORPORATION

157 Concord Road

Billerica, Massachusetts 01821-7001

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41). . . . . \$40.00

Enclosed

XX Authorized to be charged to Deposit Account9. Deposit Account No.: 03-0060 (Two copies of this paper are attached.)10. 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.Luke A. Kilyk

Name of Person Signing

Signature

December 2, 1999

Date

33,251

Registration No.

Total number of pages including cover sheet, attachments and document: 3

Rev. 2/97

Date December 2, 1999 Label No. EL352564399USI hereby certify that, on the date indicated above, I deposited this paper or fee with the U.S. Postal Service and that it  
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**ASSIGNMENT**

WHEREAS We, the below named inventors. [hereinafter referred to as Assignors], have made an invention entitled:

**A METHOD OF MAKING A MULTI-PHASE AGGREGATE USING A MULTI-STAGE PROCESS**

(Title of invention)

for which We filed an application for United States Letters patent on \_\_\_\_\_, as Serial No. \_\_\_\_\_: and

**WHEREAS, CABOT CORPORATION**

(Full Name of Assignee)

a corporation of Delaware, United States

(State or Country of Incorporation)

whose post office address is 75 State Street, Boston, Massachusetts 02109 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of \_\_\_\_\_)

\_\_\_\_\_)

State of \_\_\_\_\_)

ss.

Subscribed and sworn to before me this \_\_\_\_\_ day

of \_\_\_\_\_, 1999.

\_\_\_\_\_  
Notary Public

SEAL

FULL NAME OF FIRST INVENTOR: Khaled Mahmud

Address: 33 Liberty Street, Natick, Massachusetts 01760

Signature:

*Khaled Mahmud*

Date:

*November 8, 1999*

Subscribed to and sworn before me

*8* day of *November*, 1999

*Linda M. Paquin*

Linda M. Paquin, Notary Public

My Commission Expires June 29, 2000

FULL NAME OF SECOND INVENTOR: Meng-Jiao Wang

Address: 45 North Hancock Street, Lexington, Massachusetts 02173

Signature:

*MJ Wang*

*Linda M. Paquin*

Date:

*Nov. 3, 1999*

Linda M. Paquin, Notary Public  
My Commission Expires June 29, 2000

FULL NAME OF THIRD INVENTOR: Yakov Kutsovsky

Address:

Subscribed to and sworn before me

*8* day of *November*, 1999

Signature:

*Yakov Kutsovsky*

*Linda M. Paquin*

Date:

*November 8, 1999*