

DA

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



08-13-2002

Department of Commerce
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PATENT



RECORDATION

PATENT 102187762

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- Assignment
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 - Change of Name
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- Departmental File
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Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Michael J. Collins Execution Date: Month 05 Day 13 Year 2002

Name (line 2) _____

Second Party

Name (line 1) Brittany L. Hayes Execution Date: Month 05 Day 13 Year 2002

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) CEM Corporation

Name (line 2) _____

Address (line 1) 3100 Smith Farm Road

Address (line 2) P.O. Box 200

Address (line 3) Matthews NC 28106-0200
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Enter for the first Receiving Party only.

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08/12/2002 AAHMED1 00000077 10064261
01 FC:581 40.00 TP

PATENT
REEL: 013171 FRAME: 0393

Correspondent Name and Address

Area Code and Telephone Number

704-945-6700

Name

Address (line 1)

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Pages

Enter the total number of pages of the attached conveyance document including any attachments

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

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Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

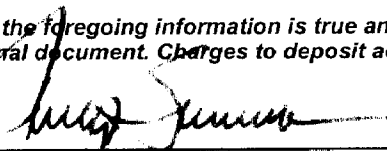
Yes

No

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. Charges to deposit account are authorized, as indicated herein.

Philip Summa



July 30, 2002

Name of Person Signing

Signature

Date

ASSIGNMENT

Whereas, we, MICHAEL J. COLLINS, a U.S. citizen, residing at Charlotte, North Carolina, and BRITTANY L. HAYES, a U.S. citizen, residing at Charlotte, North Carolina (hereinafter referred to as "ASSIGNORS"), have invented certain new and useful improvements in **Reaction and Temperature Control for High Power Microwave Assisted Chemistry Techniques**, for which an application for a United States patent was filed on June 26, 2002, under Serial No. 10/064,261; and

WHEREAS, CEM CORPORATION, a North Carolina corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Matthews, County of Union, State of North Carolina, is desirous of acquiring the entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

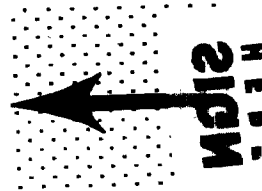
We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to said invention and said application, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to the ASSIGNEE or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers that may be requested to confirm the right of the ASSIGNEE, its representatives, successors or assigns to secure patent or similar protection for said invention in all countries and to vest in the ASSIGNEE complete title to said

invention and Letters Patent, without further compensation, but at the expense of the ASSIGNEE, its successors, assigns and other legal representatives.

Mich J Collins
MICHAEL J. COLLINS

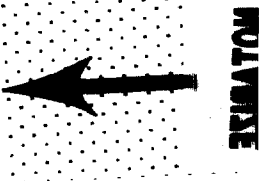
Brittany L Hayes
BRITTANY L. HAYES



State of North Carolina
County of Union

Before me personally appeared said MICHAEL J. COLLINS and BRITTANY L. HAYES, and each acknowledged the foregoing instrument to be his or her free act and deed this 24th day of July, 2002.

Candy R. Moser
Notary Public



My commission expires: 5/13/2006

SEAL

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