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Case 5480-D2

To the Honorable Commissioner of Patents and Tra

documents or copy thereof.

1. Name of conveying party(ies):

Prasad Yogendra Duggirala John David Morris
Peter Edward Reed Steven John Severtson

Additional names(s) of conveying party (ies) attached? Yes X No

2. Name and address of receiving party (ies)

Name: Nalco Chemical Company

Internal Address:

Street Address: One Nalco Center

City: Naperville State: Illinois ZIP: 60563-1198

Additional names(s) & address(es) attached? Yes X No

3. Nature of conveyance:

X Assignment Merger
Security Agreement Change of Name
Other

Execution Date: September 1, 1999

4. Application number(s) or patent number(s): 09/436018

If this document is being filed together with a Divisional application, the execution date of the application is: November 9, 1999

A. Patent Application No.(s):

B. Patent No.(s)

Additional numbers attached: Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Margaret M. Brumm
Patent and Licensing Dept.
Internal Address: Nalco Chemical Company

11/18/1999 DCOATES 00000235 140105 09436018
01 FC:581 40.00 CH

Street Address: One Nalco Center

City: Naperville State: Illinois ZIP: 60563-1198

6. Total number of applications and patents involved: 1

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

Enclosed

X Authorized to be charged to deposit account

8. Deposit account number: 14-0105

(Attach duplicate copy of this page if paying by deposit account)

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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.

Margaret M. Brumm, Reg. No. 33,655
Name of Person Signing

Margaret M. Brumm
Signature

November 9, 1999
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

The ASSIGNOR(S),

Prasad Yogendra Duggirala, John David Morris, Peter Edward Reed, Steven John Severtson

has invented certain new and useful improvements in

***PROCESS FOR THE INHIBITION OF SCALE IN HARSH SYSTEMS AND NOVEL
ANTISCALANTS FOR SAME***

*an invention which is fully described in a United States Patent Application executed of even date
herewith; and*

*The ASSIGNEE, NALCO CHEMICAL COMPANY, a DELAWARE corporation
having its principal office at One Nalco Center, in Naperville, Illinois, 60563-1198, wishes to
acquire the entire right, title and interest in and to the invention and under Letters Patent which
may be obtained for this invention.*

*For valuable and legally sufficient consideration, receipt of which is hereby acknowledged,
the Assignor(s) hereby, assigns, transfers and sets over to Assignee, its successors and assigns, the
entire right, title and interest in and to the above-identified invention and patent application and all
rights and privileges under any Letters Patent of the United States which may issue thereon.*

*The Assignor(s) also assigns, transfers and sets over to Assignee the entire right, title and
interest in and to the invention and any patent application and Letters Patent that may be granted
thereon in all countries foreign to the United States, including all rights under the International
Convention. The Assignor(s) further authorizes Assignee to apply for Letters Patent in foreign
countries in the name of Assignee, and to claim the priority of the filing date of the United States
Patent Application under the provisions of the International Convention.*

*The Assignor(s) further agrees to assist Assignee in the prosecution of the patent
application before the United States Patent Office and the Federal Courts, and any other
applications for Letters Patent including renewals, continuations, divisions, reissues and
substitutions, that the Assignee elects to make covering the invention. The Assignor(s) vests in
Assignee like exclusive title in and to all such other applications and Letters Patent. The
Assignor(s) will execute and deliver to Assignee any documents which may be requested by
Assignee to carry out the terms of this Assignment.*

The Commissioner of Patents of the United States is authorized and requested to issue any and all Letters Patent of the United States to Assignee. The Assignor(s) also authorizes and requests the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

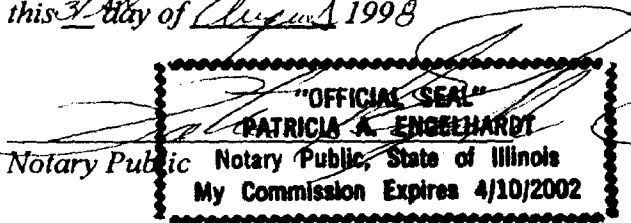
Prasad Yogendra Duggirala John David Morris

Prasad Yogendra Duggirala
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John David Morris
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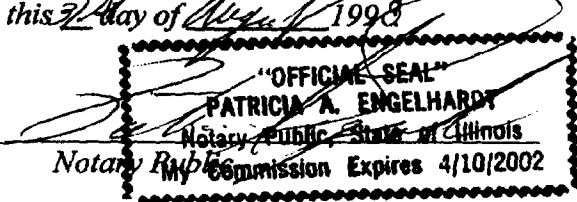
STATE OF Illinois)
)ss
COUNTY OF Kendall)

Subscribed and sworn to before me
this 31 day of August, 1998



STATE OF Illinois)
)ss
COUNTY OF Kendall)

Subscribed and sworn to before me
this 31 day of August, 1998

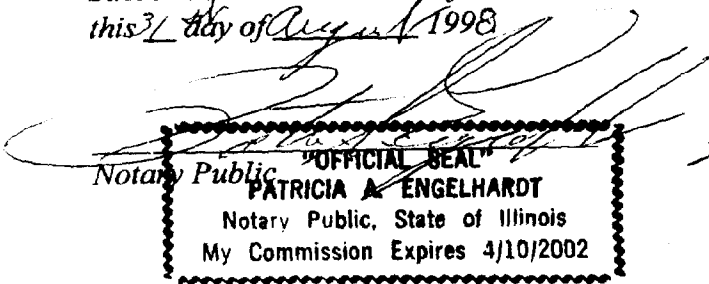


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3287 Owasso Heights Road
Shoreview, MN 55126

STATE OF Illinois)
)ss
COUNTY OF Kendall)

Subscribed and sworn to before me
this 31 day of August, 1998



STATE OF Minnesota)
)ss
COUNTY OF Ramsey)

Subscribed and sworn to before me
this 1st day of September, 1998.

