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**PATENTS ONLY**

SHEET

DN# 99-003

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

1. Name of conveying party(ies):  
Bharati D. Chheda, Rajiv Manohar Banavali,  
Guido Mazza

4-29-02

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

2. Name and address of receiving party(ies):

Name: **ROHM AND HAAS COMPANY**

Internal Address: **Patent Department**  
Street Address: **100 Independence Mall West**  
City: **Philadelphia** State: **PA** Zip: **19106-2399**

Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Change of Name  
 Security Agreement  Merger  
 Other \_\_\_\_\_

Execution Dates: 3/7/2000 & 1/7/2000

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)

09/514,462 filed February 28, 2000

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: **Kenneth Crimaldi**  
Internal Address: **ROHM AND HAAS COMPANY**  
**Patent Department, 7<sup>th</sup> Floor**  
Street Address: **100 Independence Mall West**  
City: **Philadelphia** State: **PA** Zip: **19106-2399**

6. Total no. of applications and patents involved:  1

7. Total fee (37 CFR 3.41): **\$40.00**  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
**18-1850**

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

**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.*

Kenneth Crimaldi

*Kenneth Crimaldi*

4/19/02

Attorney (or Agent) Name  
Registration No. 40,968

Signature

Date

Total number of pages including cover sheet and document:

4

05/06/2002 TDI A21 00000254 181850 09514462

01 FC:581 40.00 CH

**PATENT**  
**REEL: 012851 FRAME: 0021**

ASSIGNMENT

WHEREAS, BHARATI DINKAR CHHEDA of 15502 Winding Moss Drive, Houston, TX 77068, RAJIV MANOHAR BANAVALI of 1238 Mabry Mill Road, Houston, TX 77062, and GUIDO MAZZA of Avda Carlos Bello, Qta Tery, Santa Fe Norte, Caracas, VE (hereafter Assignor(s)), invented certain new and useful improvements in IMPROVED RECOVERY AND TRANSPORTATION OF HEAVY CRUDE OILS, (hereafter "INVENTION") for which on the date below Assignor executed an application for Letters Patent of the United States of America;

WHEREAS at the time the INVENTION was made, Assignor was under an obligation to assign all right, title and interest in Assignor's INVENTION to ROHM AND HAAS COMPANY, a Delaware corporation having its principal place of business at 100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, which wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS COMPANY, for the United States of America, its territorial possession, and for all foreign countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, or similar protection, including any continuations, divisional, renewal, substitute, reissue or improvement applications, and to claim International Convention priority, in all such foreign countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, and make all rightful oaths and declaration relating to the INVENTION, requested by the ROHM AND HAAS COMPANY; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS COMPANY for its sole use and benefit and for its successors and assigns, to the full end of the term or terms for which said Letters Patent may be granted.

Assignor authorizes and requests insertion herein of the Serial Number 09/514,462 and filing date February 28, 2000 of said application when officially known.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature(s).

March 7, 2000  
Date

*Guido Mazza*  
Guido Mazza

STATE OF TEXAS

-:  
: SS.  
:

COUNTY OF \_\_\_\_\_

Guido Mazza personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this 7th day of MARCH, 2000.

[SEAL]

*Earl Speilman*  
Notary Public



IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature(s).

January 7, 2000  
Date

Bharati Dinkar Chheda  
Bharati Dinkar Chheda

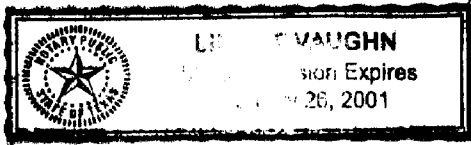
STATE OF TEXAS

:  
: SS.

COUNTY OF HARRIS

Bharati Chheda personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this 7<sup>th</sup> day of JANUARY, 2000.

[SEAL]



Linda F. Vaughn  
Notary Public

January 7, 2000  
Date

Rajiv Manohar Banavali  
Rajiv Manohar Banavali

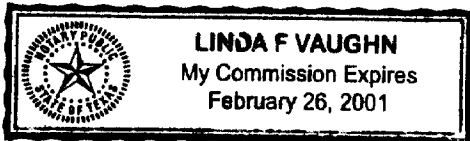
STATE OF TEXAS

:  
: SS.

COUNTY OF HARRIS

Rajiv Banavali personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this 7<sup>th</sup> day of JANUARY, 2000.

[SEAL]



Linda F. Vaughn  
Notary Public