Form <b>PTO P5.5</b> (Rev. 07/05) OMB No. 065 (*0029) (exp. 6/30/2008)	
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To the Directs of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Mitchell E. Loescher	Name: Catalytic Distillation Technologies
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Additional name(s) of conveying party(ies) attached? Yes V	
3. Nature of conveyance/Execution Date(s):	Street Address: 10100 Bay Area Boulevard
Execution Date(s) 07/25/2005	
Assignment Merger	City of the city o
Security Agreement Change of Name	City: Pasadena
Joint Research Agreement	State: Texas
Government Interest Assignment	Country: USA Zip:77507
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	document is being filed together with a new application.  B. Patent No.(s)
Serial No. 10/898,506	
Additional acceptance	tached? Yes No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name:Kenneth H. Johnson	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address:	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: P.O. Box 630708	<u>✓</u> Enclosed
	None required (government interest not affecting title)
City: Houston	8. Payment Information
State: <u>Texas</u> Zip:77263	a. Credit Card Last 4 Numbers Expiration Date
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Attorney Docket: CDT/E-M 1876

## ASSIGNMENT OF PATENT

## KNOW ALL MEN BY THESE PRESENTS:

THAT MITCHELL E. LOESCHER, a resident of Harris County Texas ("Assignor"), for and in consideration of Ten and No/100 Dollars (\$10.00) cash and other good and valuable consideration to him in hand paid by CATALYTIC DISTILLATION TECHNOLOGIES, ("Assignee"), a Texas general partnership located in Pasadena, Texas, the receipt and sufficiency of which is hereby acknowledged and confessed, has TRANSFERRED, GRANTED, BARGAINED, SOLD, CONVEYED and ASSIGNED, and by these presents does hereby TRANSFER, GRANT, BARGAIN, SELL, CONVEY and ASSIGN, unto Assignee the entire world-wide right, title and interest in and to U.S. Serial No. 10/898,506 (including all divisions, continuations and continuations-in-part, reissues, extensions and reexaminations thereof), and in all inventions disclosed in said patent, and foreign Letters Patent to be issued therefor, and in any reissue, and/or extension of such Letters Patent (including the right to file applications for Letters Patent and claim priority rights on such inventions in all foreign countries) (all such patents, applications and extensions thereof, and inventions disclosed therein are collectively referred to hereinafter as the "Patent"); the same to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

TO HAVE AND TO HOLD the interests hereby assigned in the Patent unto Assignee, its successors and assigns, forever; and Assignor hereby does bind himself, his successors and assigns, to warrant and forever defend, all and singular, the interests hereby assigned in the Patent unto Assignee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

Assignor will execute and deliver to Assignee all documents necessary to obtain and enforce patent protection in all countries for all inventions disclosed in the Patent and all documents necessary to perfect title in the Assignee to all interests in the patent which are hereby assigned to Assignee.

(L.S.) Mitchell E. Loescher Date

RECORDED: 08/08/2005

PATENT REEL: 016864 FRAME: 0009