

10-13-00

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Box Assignment
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Washington, DC 20231

10-25-2000



101496418

Please record the attached original document.

1. Name of conveying party(ies):

Angel S. Sy
Gautam M. Phanse

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

Name: ABB Lummus Global Inc.
Street Address: 1515 Broad Street
City, State, ZIP: Bloomfield, NJ 07003-3096
Country: U.S.A.

State of Incorporation: Delaware

3. Nature of Conveyance: Assignment

Execution Date: October 10, 2000

4. Application No. 09/630,656 filed August 1, 2000.

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

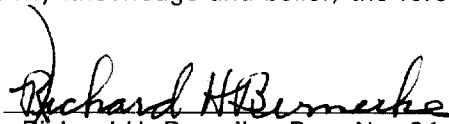
Richard H. Berneike, Esq.
Alix, Yale & Ristas, LLP
750 Main Street
Hartford, CT 06103-2721

6. Total number of applications involved: 1

7. Total fee enclosed: \$40.00. If this amount is incorrect, please charge or credit the difference to Deposit Account No. 16-2563.

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

To the best of my knowledge and belief, the foregoing information is true and correct.


Richard H. Berneike, Reg. No. 21,126

Date: October 11, 2000

Attorney's Docket No. ABBLUM/247/US

PATENT
REEL: 011168 FRAME: 0945

ASSIGNMENT

WHEREAS, we, Angel S. Sy and Gautam M. Phanse, respectively residing at 1510 Mission Springs Drive, Katy, Texas 77450, and 1415 Eldridge Parkway, Apt. 2621, Houston, Texas 77077; have invented new and useful improvements in

Styrene Dehydrogenation Reactor Effluent Treatment

for which we are making application for Letters Patent of the United States, which application was executed by us on the 10th day of October, 2000; and

WHEREAS, ABB Lummus Global Inc., a Delaware corporation, having a place of business at 1515 Broad Street, Bloomfield, NJ 07003-3096, is desirous of acquiring the entire right, title and interest in and to said improvements and any Letters Patent which may be granted thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One (1) Dollar to us in hand paid and other good and valuable consideration, receipt of which is hereby acknowledged, we, the said Angel S. Sy and Gautam M. Phanse, sell, assign and transfer to ABB Lummus Global Inc., its successors and assigns (hereinafter called "Assignee"), the entire right, title and interest in and to said improvements and in and to any Letters Patent which may be obtained thereon in the United States and in all countries foreign thereto, together with said application and all divisional, continuing, substitute, renewal, reissue, and other applications for Letters Patent which have been or may be filed on said improvements in the United States or any other country; the same to be held and enjoyed by the Assignee for its and their sole use and behoof; and we do hereby further assign to the Assignee the right to file applications for patent in all countries on said improvements and all rights of priority resulting from any application for Letters Patent filed on said improvements.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent of the United States on said improvements to the Assignee.

We further covenant and agree that when requested by the Assignee, and without further consideration, but at the cost and expense of the Assignee, we will, for any and all countries, execute and deliver all applications for patent on said improvements, execute all lawful oaths and other papers, supply to the Assignee all facts and evidence known to us relating to said improvements and the history and development thereof, testify in all interferences, suits, and other legal proceedings, and generally do everything rightful which the Assignee shall consider desirable for aiding

in securing, maintaining, and enforcing proper patent protection for said improvements and for vesting the title to said improvements in the Assignee.

We further covenant that we have the lawful right to assign the interest in said improvements in the manner and form as herein expressed and that the interests herein conveyed are free from prior assignment, grant, mortgage, license, or other encumbrance whatsoever.

com IN WITNESS WHEREOF, I have hereunto set my hand and seal as of and for this day of October, 2000.

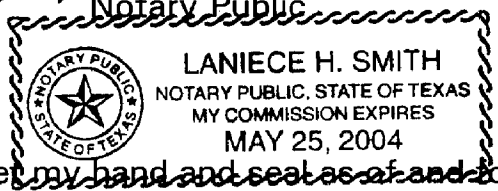
[Signature]
Angel S. Sy

State of)
) ss:
County of)

On this 10th day of October, 2000, before me personally appeared Angel S. Sy, who acknowledged that he signed the within instrument and that he executed the same as his own free act and deed.

Date Commission Expires: 5/25/2004

[Signature]
Notary Public



10th IN WITNESS WHEREOF, I have hereunto set my hand and seal as of and for this day of October, 2000.

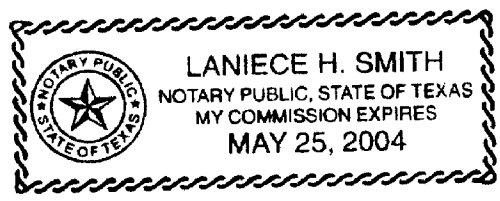
[Signature]
Gautam M. Phanse

State of)
) ss:
County of)

On this 10th day of October, 2000, before me personally appeared Gautam M. Phanse, who acknowledged that he signed the within instrument and that he executed the same as his own free act and deed.

Date Commission Expires: 5/25/2004

[Signature]
Notary Public



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