

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Leonce F. Castagnos Jr.	01/03/2006
Ting Y. Chan	01/03/2006
RECEIVING PARTY DATA	
Name:	ABB Lummus Global Inc.
Street Address:	1515 Broad Street
City:	Bloomfield
State/Country:	NEW JERSEY
Postal Code:	07003
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12768167
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	32565.3104
NAME OF SUBMITTER:	Michael D. Graham
Total Attachments: 2 source=325653104_Assignment_filedApril2710#page1.tif source=325653104_Assignment_filedApril2710#page2.tif	

CH \$40.00 12768167

ASSIGNMENT

WHEREAS, we, Leonce F. CASTAGNOS, Jr. and Ting Y. CHAN residing at 205 Forest Wind Circle, Montgomery, TX 77316, and 4620 Verone Street, Bellaire, TX 77401, have invented new and useful improvements in

APPARATUS AND METHOD FOR SEPARATING SOLIDS FROM GAS STREAMS

for which we are making application for Letters Patent of the United States, which application was executed by us on the 3rd day of January, 2006; 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 Leonce F. CASTAGNOS, Jr. and Ting Y. CHAN hereby 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.

IN WITNESS WHEREOF, we have hereunto set our hand and seal as of and for this 3rd day of January, 2006

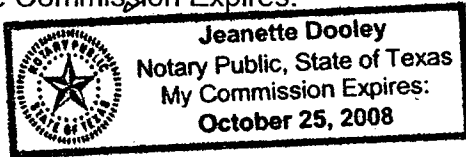
Leonce F. Castagnos, Jr.
Leonce F. CASTAGNOS, Jr.

State of Texas)
County of Harris) ss:

On this 3rd day of January, 2006, before me personally appeared Leonce F. CASTAGNOS, Jr., who acknowledged that he signed the within instrument and that he executed the same as his own free act and deed.

Jeanette Dooley
Notary Public

Date Commission Expires:



Ting Y. Chan
Ting Y. CHAN

State of Texas)
County of Harris) ss:

On this 3rd day of January, 2006, before me personally appeared Ting Y. CHAN, who acknowledged that he signed the within instrument and that he executed the same as his own free act and deed.

Jeanette Dooley
Notary Public

Date Commission Expires:

