

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	07/21/2005

CONVEYING PARTY DATA

Name	Execution Date
Mr. Fahim E. Shadid	07/21/2005
Mr. Alan W. Green	07/21/2005

RECEIVING PARTY DATA

Name:	Chicago Bridge & Iron Company
Street Address:	14105 S. Route 59
City:	Plainfield
State/Country:	ILLINOIS
Postal Code:	60544-8984

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11190636

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	03014/1122
NAME OF SUBMITTER:	Susan Matlow

Total Attachments: 2

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**PATENT
 REEL: 017920 FRAME: 0602**

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MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, Illinois 60606-6357

ASSIGNMENT

Serial No: 11/190,636

Filed: July 27, 2005

Title: *Oil distillation vacuum column with thickened plate in the vapor horn section*

For \$10.00 (Ten Dollars) and other good and sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to CHICAGO BRIDGE & IRON COMPANY (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on July 21, 2005 and in said application and any and all other applications, both United States and foreign, that the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, that may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this

21ST day of July, 2005 .

Fahim Shadid

Fahim E. Shadid

Alan W. Green

Alan W. Green