

04-30-1999



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Box Assignment
Commissioner of Patents and Trademarks
Washington, DC 20231

U.S. PATENT AND
TRADEMARK OFFICE

Please record the attached original document.

1. Name of conveying party(ies):

Michael M. Chen
Carl-Olof Erik Olsson

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

Name: ABB Air Preheater, Inc.
Street Address: Andover Road
City, State, ZIP: Wellsville, NY 14895
Country: U.S.A.

State of Incorporation: Delaware

3. Nature of Conveyance: Assignment
Execution Date: 03/29/99 and 04/12/99

4. Application No. 09/251,558 filed 02/17/99.

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

Date: April 20, 1999
Attorney's Docket No. ABBAPH/210/US

04/27/1999 DNGUYEN 00000345 09251558

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(40.00 DP)

PATENT
REEL: 9910 FRAME: 0161

ASSIGNMENT

WHEREAS, we, Michael M. Chen and Carl-Olof Erik Olsson, respectively residing at 135 Harder Place, Wellsville, New York, 14895, U.S.A. and Karlsgatan 32B, SE-722 14 Vasteras, Sweden, have invented new and useful improvements in

Heat and Mass Transfer Element Assembly

for which we have made application for Letters Patent of the United States, which application was filed on February 17, 1999 under Serial No. 09/251,558; and

WHEREAS, ABB Air Preheater, Inc., a Delaware corporation, having a place of business at Andover Road, Wellsville, NY 14895, 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 Michael M. Chen and Carl-Olof Erik Olsson, sell, assign and transfer to ABB Air Preheater, 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, that the interests herein conveyed are free from prior assignment, grant, mortgage, license, or other encumbrance whatsoever and that the execution of this Assignment is our own free act and deed.

Date 4-12-1999

Michael M. Chen

Michael M. Chen

James D. Seebald

Witness

[Signature]

Witness

Date 03/29/99

Carl-Olof Erik Olsson

Carl-Olof Erik Olsson

[Signature]

Witness Johan Palm

[Signature]

Witness Mats From