

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

Grant of Security Interest

CONVEYING PARTY DATA

Name	Execution Date
ETS SCHAEFER CORPORATION	08/01/2006

RECEIVING PARTY DATA

Name:	CITICORP NORTH AMERICA, INC., AS COLLATERAL AGENT FOR THE SECURED CREDITORS UNDER THE TERM CREDIT AGREEMENT
Street Address:	388 GREENWICH STREET
Internal Address:	20TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10013

PROPERTY NUMBERS Total: 8

Property Type	Number
Patent Number:	4791769
Patent Number:	4829734
Patent Number:	4906184
Patent Number:	5115114
Patent Number:	6609908
Patent Number:	6920731
Patent Number:	5727479
Patent Number:	D412298

CORRESPONDENCE DATA

Fax Number: (212)354-8113

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: (212) 819-8200

Email: jgenova@whitecase.com

Correspondent Name: WHITE & CASE LLP

PATENT

500156451

REEL: 018303 FRAME: 0095

OP \$320.00 4791769

Address Line 1: 1155 AVENUE OF THE AMERICAS  
Address Line 2: PATENT DEPARTMENT  
Address Line 4: NEW YORK, NEW YORK 10036

ATTORNEY DOCKET NUMBER:

1111828-0010 ETS TERM

NAME OF SUBMITTER:

MARINA ORMAN

**Total Attachments: 7**

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GRANT OF SECURITY INTEREST  
IN UNITED STATES PATENTS

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, ETS Schaefer Corporation, an Ohio corporation (the "Grantor") with principal offices at 25825 Science Park Drive, Suite 400 Beachwood, Ohio 44122, hereby grants to CITICORP NORTH AMERICA, INC., as Collateral Agent for the Secured Creditors under the Term Credit Agreement, with principal offices at 388 Greenwich Street, 20th Floor, New York, New York 10013, (the "Grantee"), a security interest in (i) all of the Grantor's rights, title and interest in and to the United States patents (the "Patents") set forth on Schedule A attached hereto, in each case together with (ii) all Proceeds (as such term is defined in the U.S. Security Agreement referred to below) and products of the Patents, and (iii) all causes of action arising prior to or after the date hereof for infringement of any of the Patents or unfair competition regarding the same.

THIS GRANT is made to secure the satisfactory performance and payment of all the Obligations of the Grantor, as such term is defined in the U.S. Security Agreement among the Grantor, the other Assignors from time to time party thereto and the Grantee, dated as of August 1, 2006 (as amended, modified, restated and/or supplemented from time to time, the "U.S. Security Agreement"). Upon the occurrence of the Termination Date (as defined in the Security Agreement), the Grantee shall execute, acknowledge, and deliver to the Grantor an instrument in writing releasing the security interest in the Patents acquired under this Grant.

This Grant has been granted in conjunction with the security interest granted to the Grantee under the U.S. Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are as set forth in the U.S. Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any

ETS Term Patent Grant

**PATENT**  
**REEL: 018303 FRAME: 0097**

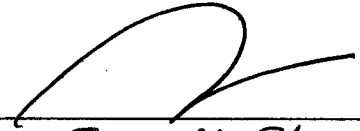
provisions of this Grant are deemed to conflict with the U.S. Security Agreement, the provisions of the U.S. Security Agreement shall govern.

ETS Term Patent Grant

**PATENT**  
**REEL: 018303 FRAME: 0098**

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the 1<sup>st</sup> day of  
August, 2006.

ETS SCHAEFER CORPORATION, Grantor

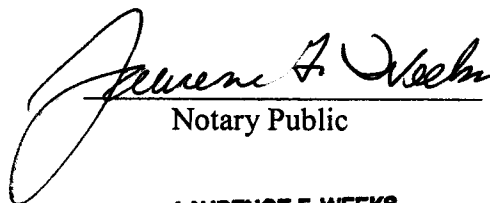
By:   
Name: *Sean M. Stack*  
Title: *Senior VP, Treasurer and  
Assistant Secretary*

Grant of Security in Patents - Term

PATENT  
REEL: 018303 FRAME: 0099

STATE OF New York )  
COUNTY OF New York ) ss:

On this 1st day of August, 2006, before me personally came Sean M. Stack  
who, being by me duly sworn, did state as follows: that [s]he is SKP of ETS  
SCHAEFER CORPORATION, that [s]he is authorized to execute the foregoing Grant on behalf  
of said corporation and that [s]he did so by authority of the Board of Directors of said  
corporation.


  
Notary Public

LAURENCE F. WEEKS  
Notary Public, State of New York  
No. 01WE6138790  
Qualified in New York County  
Certificate on file in New York County  
My Commission Expires 1/23/2010

Grant of Security in Patents - Term

PATENT  
REEL: 018303 FRAME: 0100

CITICORP NORTH AMERICA, INC.,  
as Collateral Agent and Grantee

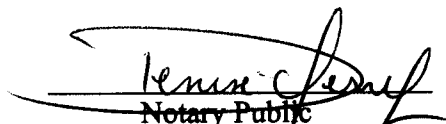
By:   
Name: KEITH R. GERDING  
Title: Vice President

Grant of Security Interest in Patents - Term

PATENT  
REEL: 018303 FRAME: 0101

STATE OF New York )  
 ) ss.:  
COUNTY OF New York )

On this 1<sup>st</sup> day of August, 2006, before me personally came \_\_\_\_\_  
Keith R. Garding who, being by me duly sworn, did state as follows: that [s]he is  
Vice President of Citicorp North America, Inc., that [s]he is authorized to execute the  
foregoing Grant on behalf of said corporation and that [s]he did so by authority of the Board of  
Directors of said corporation.

  
Notary Public  
DENISE C. PERRY  
Notary Public, State of New York  
No. 01PE6045304  
Qualified in Nassau County  
Certificate filed in New York County  
Commission Expires: 07/31/2010

Grant of Security Interest in Patents - Term

PATENT  
REEL: 018303 FRAME: 0102



# SCHEDULE A

Patent Name/Description	Country	Owner/Assignee	Serial No.	Filing Date	Reg. No.	Reg. Date
Moveable Heat Chamber Insulating Structure	USA	ETS	06711387	3/13/85	4,791,769	12/20/88
Ceramic Fiber Insulation Module and Method of Assembly	USA	ETS	06926077	10/31/86	4,829,734	5/16/89
Long Life Cover for Heat Chamber	USA	ETS	07280918	12/07/88	4,906,184	3/6/90
Ceramic Fiber Attaching System for a Backing Plate	USA	ETS	07514449	4/25/90	5,115,114	5/19/92
Torpedo Car Cover	USA	ETS	29076396	9/11/97	Des 412,298	7/27/99
Replaceable Heater Cover	USA	ETS	200110364	11/13/01	6,609,908	8/26/03
Insulated Structure	USA	ETS	2002193840	7/12/02	6,920,731	7/26/05
Furnace door closure system	USA	ETS	96721280	9/26/96	5727479	3/17/98

ETS Term Patent Grant

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RECORDED: 09/26/2006

PATENT  
REEL: 018303 FRAME: 0103