

2/25/00

03-14-2000

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



101289974

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JC682 U.S. PTO  
09/514007

02/25/00

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**Submission Type**

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**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

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03/07/2000 04 FC:58

**PATENT**  
**REEL: 010597 FRAME: 0554**

**Correspondent Name and Address**

Area Code and Telephone Number (216) 696-8815

Name Frank J. Nawalanic

Address (line 1) 1422 Euclid Avenue

Address (line 2) Suite 1310

Address (line 3) Cleveland, Ohio 44115

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. # 3

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/514007

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
01 31 2000

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved. # 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

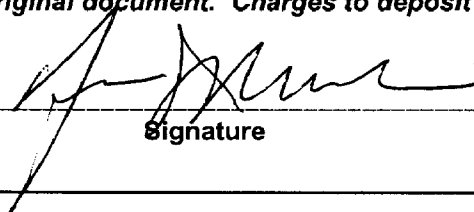
Deposit Account Number: # 14-0610

Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Frank J. Nawalanic



February 23, 2000

Name of Person Signing

Signature

Date

FRANK J. NAWALANIC  
1310 HANNA BUILDING  
1422 EUCLID AVENUE  
CLEVELAND, OHIO 44115

**ASSIGNMENT**

WHEREAS, ASSIGNORS: MAX HOETZL; LARRY L. ROZEVINK;

of the City, County and State, respectively of:

Maumee, Lucas, Ohio; Wauseon, Lucas, Ohio;

have made an invention in

**GLASS TRANSPORTATION SYSTEM**

and have executed on January 31, 2000, an application for Letters Patent of the United States on said invention, hereinafter referred to as "said application";

AND, WHEREAS, SURFACE COMBUSTION, INC.

having its principal place of business at 1700 Indian Wood Circle, Maumee, Ohio 43537

hereinafter called ASSIGNEE, is desirous of acquiring the entire world-wide rights, title and interest in, to and under said invention and said application;

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, ASSIGNORS hereby sell, transfer and assign to the ASSIGNEE, its successors, assigns, nominees, or other legal representatives the full, exclusive, entire, world-wide rights, title and interest in, to and under said invention as described and claimed in said application, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions,

continuations-in-part and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in **ASSIGNEE'S** own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as **ASSIGNORS** could have done if the foreign application had been filed in the name of the **ASSIGNORS**, and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and **ASSIGNORS** authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to **ASSIGNEE**, its successors, assigns, nominees or other legal representatives, as **ASSIGNEE** and owner of the said entire rights, and **ASSIGNORS** covenant that **ASSIGNORS** have full right to convey the said entire interest herein assigned and that **ASSIGNORS** have not executed and will not execute any agreement in conflict herewith, and **ASSIGNORS** will communicate to **ASSIGNEE**, its successors, assigns, nominees or other legal representatives all facts known to **ASSIGNORS** respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths or declarations and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when **ASSIGNEE**, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, **ASSIGNORS** will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and,

**ASSIGNORS** further covenant and agree that **ASSIGNORS** will, at any time upon request, do everything possible to aid **ASSIGNEE**, its successors, assigns, nominees, or other legal representatives, either in the names of **ASSIGNORS** or **ASSIGNEE**, to apply for, obtain and enforce proper patent protection for said invention in all countries according to the International Convention and all the laws and treaties in force, all without further consideration but at the expense of **ASSIGNEE**, its successors, assigns, nominees or other legal representatives.

IN WITNESS WHEREOF, this assignment has been executed by the undersigned.

STATE OF OHIO )  
 )SS  
COUNTY OF LUCAS )

By: *Max Hoetzl*  
MAX HOETZL

Subscribed and sworn to before me this 31st day of January, 2000

*Mary L. Brimacombe*  
Notary Public  
MARY L. BRIMACOMBE  
Notary Public State of Ohio  
My Commission Expires 3-26-2001  
(SEAL)

STATE OF OHIO )  
 )SS  
COUNTY OF LUCAS )

By: *Larry L. Rozevink*  
LARRY L. ROZEVINK

Subscribed and sworn to before me this 31st day of January, 2000

*Mary L. Brimacombe*  
Notary Public  
MARY L. BRIMACOMBE  
Notary Public State of Ohio  
My Commission Expires 3-26-2001  
(SEAL)