

08-08-2002

PATENT

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

PTO  
10/205721  
07/26/02

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New *MRA 7/26/02*

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Second Party

Execution Date  
Month Day Year

Name (line 1)

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Receiving Party

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

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07/30/2002 HDENESS1 00000034 10205721

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REEL: 013155 FRAME: 0826

**Correspondent Name and Address**

Area Code and Telephone Number

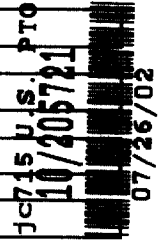
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**Pages** Enter the total number of pages of the attached conveyance document including any attachments.

#

**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)

<input type="text" value="10205721"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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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

**Patent Cooperation Treaty (PCT)**

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

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

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

Method of Payment: Enclosed  Deposit Account

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

Deposit Account Number: #

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

Name of Person Signing

Signature

July 26, 2002

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. PTO  
15  
10/205721



Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) **Stephen Harry Verhoff**

Execution Date  
Month Day Year  
**07 25 2002**

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) **James Edward Brug**

Execution Date  
Month Day Year  
**07 25 2002**

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party(ies)

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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)



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

**ASSIGNMENT**

WHEREAS, ASSIGNORS: RALPH PAUL POOR; GARRY W. BARBEE;  
STEPHEN HARRY VERHOFF; JAMES EDWARD BRUG

of the City, County and State, respectively of:

Toledo, Lucas, Ohio; Rossford, Wood, Ohio; Monclova, Lucas, Ohio; Toledo, Lucas, Ohio

have made an invention in

**VACUUM CARBURIZING WITH UNSATURATED AROMATIC HYDROCARBONS**,  
said invention claiming priority of United States provisional patent applications having  
Serial No. 60/308,452, filed July 27, 2001 and Serial No. 60/308,454, filed July 27, 2001.

and have executed on July 31<sup>st</sup>, 2002, 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: *Ralph Paul Poor*  
RALPH PAUL POOR

Subscribed and sworn to before me this 25<sup>th</sup> day of July, 2002

*Frank J. Nawalanil*  
Notary Public  
FRANK J. NAWALANIL  
Notary Public, Attorney  
(SEAL)  
My commission expires on  
October 14, 2003, O.

STATE OF OHIO )  
 )SS  
COUNTY OF LUCAS )

By: *Garry W. Barbée*  
GARRY W. BARBEE

Subscribed and sworn to before me this 25<sup>th</sup> day of July, 2002

*Frank J. Nawalanil*  
Notary Public  
FRANK J. NAWALANIL  
(SEAL)  
Notary Public, Attorney  
(SEAL)  
My commission expires on  
October 14, 2003, O.

STATE OF OHIO )  
 )SS  
COUNTY OF LUCAS )

By: Stephen Harry Verhoff  
STEPHEN HARRY VERHOFF

Subscribed and sworn to before me this 25<sup>th</sup> day of July, 2002

Frank J. Nawmanic  
Notary Public  
FRANK J. NAWMANIC  
FRANK J. NAWMANIC, Attorney  
NOTARY PUBLIC STATE OF OHIO  
My commission expires on 07/26/2006  
Section 147.06 R. C.

STATE OF OHIO )  
 )SS  
COUNTY OF LUCAS )

By: James Edward Brug  
JAMES EDWARD BRUG

Subscribed and sworn to before me this 25<sup>th</sup> day of July, 2002

Frank J. Nawmanic  
Notary Public  
FRANK J. NAWMANIC  
FRANK J. NAWMANIC, Attorney  
NOTARY PUBLIC STATE OF OHIO  
My commission expires on 07/26/2006  
Section 147.06 R. C.