

06-09-2000



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Conveyance Type

Assignment  Security Agreement

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Name (line 1) Darryl D. DesMarteau Execution Date May 17, 2000

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) Adolph L. Beyerlein Execution Date May 17, 2000

Name (line 2) \_\_\_\_\_

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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 1) Clemson University

Name (line 2) \_\_\_\_\_

Address (line 1) 300 Bracket Hall

Address (line 2) Box 345705

Address (line 3) Clemson South Carolina / USA 29634-5705  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Howard M. Peters (Reg. No. 29,202)

Address (line 1) PETERS, VERNY, JONES & BIKSA, LLP

Address (line 2) 385 Sherman Avenue

Address (line 3) Suite 6

Address (line 4) Palo Alto, CA 94306

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PATENT

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**Correspondent Name and Address**

Area Code and Telephone Number

(650) 324-1677

Name **Howard M. Peters (Reg. No. 29,202)**

Address (line 1) **PETERS , VERNY, JONES & BIKSA, LLP**

Address (line 2) **385 Sherman Avenue**

Address (line 3) **Suite 6**

Address (line 4) **Palo Alto, CA 94306**

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

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Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

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

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May 19, 2000

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06/19/00  
574821  
05/17/2000

## Conveying Party(ies)

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Name (line 2)

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## Application Number(s) or Patent Number(s)

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### Patent Application Number(s)

### Patent Number(s)

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ASSIGNMENT

THIS ASSIGNMENT, having an effective date of May 17, 2000, by DARRYL D. DESMARTEAU residing at 1007 Berkeley Drive, Clemson, SC 29631; ADOLPH L. BEYERLEIN, residing at 307 Lancelot Drive, Clemson, SC 29631; and ISMAIL KUL residing at 521-B Daniel Drive, Clemson, SC 29631 (hereinafter referred to as the assignors), witnesseth:

WHEREAS, WE, DARRYL D. DESMARTEAU, ADOLPH L. BEYERLEIN and ISMAIL KUL have invented a new and useful improvement in

TERNARY REFRIGERANT COMPOSITIONS CONTAINING FLUORINATED ETHERS AS REPLACEMENTS FOR R-22

as claimed in U.S. Patent Application Serial No. \_\_\_\_\_, filed May 17, 2000 by Express Mail Certificate No. EL293605325US and having a Declaration and Power of Attorney executed on May 17, 2000, by Darryl D. DesMarteau, on May 17, 2000, by Adolph L. Beyerlein, and on May 17, 2000, by Ismail Kul,

AND WHEREAS, CLEMSON UNIVERSITY, a South Carolina Public Institution of Higher Learning with a place of business at 300 Bracket Hall, Box 345705, Clemson, South Carolina 29634-5705 desires to acquire all the rights to the invention in the above-named application;

NOW, THEREFORE, for one dollar (\$1.00) and other valuable consideration received and receipt hereby acknowledged, I hereby sell, assign and transfer to CLEMSON UNIVERSITY, its successors and assigns, all rights, title and interest in and to said invention in the United States and in all countries throughout the world, including all right, title and interest in and to the above-named application and any continuation, continuation-in-part, substitute, division or reissue application thereof, and the patent or patents which may be issued thereon in the United States, and in and to any application or patent in any or all other countries of the world;

I hereby agree that I will, upon request, execute any instrument which CLEMSON UNIVERSITY, desires to carry this Assignment into effect and to perfect the title transferred hereby or to prosecute any of the above-mentioned United States applications or any foreign applications on this invention;

The undersigned agree to the insertion of dates, application numbers and mail certificate numbers etc. on this document.

AND the Commissioner of Patents and Trademarks of the United States, or any foreign country, is hereby authorized to issue Letters Patent on said above-named application to CLEMSON UNIVERSITY.

17 May 00  
Date

Darryl D. DesMarteau  
Darryl D. DesMarteau

State of South Carolina )  
County of Pickens )

On 17 May, 2000, before me, the undersigned, a Notary Public in and for said \_\_\_\_\_, personally appeared DARRYL D. DESMARTEAU [ ], personally known to me or [ ] proved to me on the basis of satisfactory evidence to the person whose name is subscribed to the within instrument and acknowledged that he/she executed the same.

WITNESS my hand and official seal.

Julie B. Durbin  
Notary Public  
my Comm Exp Aug 2, 2005

AND the Commissioner of Patents and Trademarks of the United States, or any foreign country, is hereby authorized to issue Letters Patent on said above-named application to CLEMSON UNIVERSITY.

5/17/00  
Date

Adolph L. Beyerlein  
Adolph L. Beyerlein

State of South Carolina )  
County of Pickens )

On 17 May, 2000, before me, the undersigned, a Notary Public in and for said \_\_\_\_\_, personally appeared ADOLPH L. BEYERLEIN [ ], personally known to me or [ ] proved to me on the basis of satisfactory evidence to the person whose name is subscribed to the within instrument and acknowledged that he/she executed the same.

WITNESS my hand and official seal.

Julie B. DuBoise  
Notary Public  
My Comm Exp Aug 2, 2005

AND the Commissioner of Patents and Trademarks of the United States, or any foreign country, is hereby authorized to issue Letters Patent on said above-named application to CLEMSON UNIVERSITY.

5/17/2000  
Date

Ismail Kul  
Ismail Kul

State of South Carolina )  
County of Pickens )

On 17 May, 2000, before me, the undersigned, a Notary Public in and for said \_\_\_\_\_, personally appeared ISMAIL KUL [ ], personally known to me or [ ] proved to me on the basis of satisfactory evidence to the person whose name is subscribed to the within instrument and acknowledged that he/she executed the same.

WITNESS my hand and official seal.

Julie B. Osborne  
Notary Public

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