

FORM PTO-1619A  
Expires 06/30/99  
OMB 0851-0027

U.S. Department of Commerce  
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PATENT

S-105,799

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Name (line 1) KAUFMAN, David Y. Execution Date: 08/15/2005

Name (line 2) \_\_\_\_\_ Execution Date: \_\_\_\_\_

**Second Party**

Name (line 1) SAHA, Sanjib Execution Date: 08/03/2005

Name (line 2) \_\_\_\_\_ Execution Date: \_\_\_\_\_

#### Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) United States Department of Energy

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

Address (line 1) GC-62, MS 6F-067 (FORSTL)

Address (line 2) 1000 Independence Avenue, S.W.

Address (line 3) Washington D.C. 20585-0162

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

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

**Correspondent Name and Address**

Area Code and Telephone Number

202-586-2810

Name Betty Winchester

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# 2

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

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**Patent Application Number(s)**

**Patent Number(s)**

<u>11/145220</u>						

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

Month	Day	Year

**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): \$

40.00

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Katherine Baldwin

SEP 30 2005

Name of Person Signing

Signature

Date

**U.S. Department of Energy**  
**PATENT ASSIGNMENT FORM**

11/145220

(Citizen of India)

WHEREAS, we, David Y. Kaufman and Sanjib Saha, citizens of the United States residing in Chicago, County of Cook, State of Illinois; in SANTA CLARA, County of SANTA CLARA, State of CALIFORNIA have invented certain new and useful improvements in Ceramic Capacitor Exhibiting Graceful Failure by Self-Clearing, Method for Fabricating Self-Clearing Capacitor, for which we are about to file an application for United States Letters Patent identified as S-105,799 and executed by us on the 15 day of August 2005; and on the 3<sup>rd</sup> day of AUGUST 2005;

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to said invention and in and to any Letters Patent wherever they may be issued thereon:

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved and we agree that we will encounter or in which they may become involved and we agree that we will aid the Government of the United States in every way in protecting the inventions as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

Sandra A. Classen  
(SEAL)

WITNESS:

Savit S. Dey  
(SEAL) 08/03/05.

INVENTORS:

David J. Kauger

Date 08/15/2005

Sanyal

Date 08/03/2005

Approved and consented to this 16<sup>th</sup> day of August, 2005

ATTEST:

Laura Cassidy  
(SEAL)

R. K. Carder

By Renee K. Carder, Ph.D.  
Assistant Vice President for  
Strategic Research Initiatives  
Office of the Vice President for  
Research

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Kath Berber

By P. P. Adair  
Assistant General Counsel for Patents