**100710425**

**RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE**

**PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the information on this form or copy thereof.

1. Name of conveying party(ies):
   - Douglas L. Schulz, Calvin J. Curtis and David S. Ginley

2. Name and address of receiving party(ies):
   - Name: Midwest Research Institute
   - Internal Address: 
   - Street Address: 425 Volker Boulevard
   - City: Kansas City  
   - State: MO  
   - ZIP: 64110

3. Nature of conveyance:
   - Assignment
   - Merger
   - Security Agreement
   - Change of Name
   - Other

   Execution Date: April 10, 1998 (Schulz and Curtis)
   March 26, 1998 (Ginley)

4. Application number(s) or patent number(s): (99/014,326, filed 01/27/98)
   - If this document is being filed together with a new application, the execution date of the application is:
     - A. Patent Application No.(s)
     - B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
   - Name: Ken Richardson
   - Internal Address: Assistant Chief Patent Counsel
   - Legal Office: National Renewable Energy Laboratory
   - Street Address: 1617 Cole Boulevard
   - City: Golden  
   - State: CO  
   - ZIP: 80401

6. Total number of applications and patents involved: [ ]

7. Total fee (37 CFR 3.41) $40.00
   - Enclosed
   - Authorized to be charged to deposit account

8. Deposit account number: 14-0460
   (Attach duplicate copy of this page if paying by deposit account)

9. 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.
   - Ken Richardson
   - Name of Person Signing
   - Signature
   - April 14, 1998

Total number of pages comprising cover sheet: [ ]

*OMB No. 0851-0011 (exp. 4/94)*

PATENT

REEL: 9155 FRAME: 0895
ASSIGNMENT

WHEREAS, We, Douglas L. Schulz of 1036 Marion Street, Denver, County of Denver, State of Colorado; Calvin J. Curtis of 1620 South Parfet Court, Lakewood, County of Jefferson, State of Colorado; and David S. Ginley of 33630 Inverness Drive, Evergreen, County of Jefferson, State of Colorado have invented certain new and useful improvements in Solutions Synthesis of Mixed-Metal Chalcogenide Nanoparticles and Spray Deposition of Precursor Films, which we are about to make application for Letters Patent of the United States, said application being identified as NREL IR No. 96-03 and; executed concurrently herewith; and;

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, Midwest Research Institute, of 425 Volker Blvd., Kansas City, Missouri 64110, a corporation fully organized and existing under the laws of the State of Missouri is desirous of acquiring the entire right, title, and interest therein and thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar ($1.00) and certain other good and valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we, the said Douglas L. Schulz, Calvin J. Curtis and David S. Ginley by these presents do sell, assign, and transfer unto the said Midwest Research Institute, its successors, legal representatives and assigns, our entire right, title, and interest in and to said invention and the aforesaid application, for the United States of America and for all foreign countries and to all Letters Patents, continuations and reissues, and extensions to be obtained therefor, and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this assignment to Midwest Research Institute, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on the date set forth hereinafter.

Witness

Witness

Witness

Douglas L. Schultz
Calvin J. Curtis
David S. Ginley

COUNTY OF JEFFERSON
STATE OF COLORADO

Before me, a Notary Public in and for the said County and State, personally appeared Douglas L. Schulz, Calvin J. Curtis and David S. Ginley known to me to be the persons whose names are subscribed to the foregoing, and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this 10th day of April 1998.


Brenda E. Brantley, Notary Public
State of Colorado
Approved and consented to this 13th day of April 1998.

ATTEST:

[Signature]

MIDWEST RESEARCH INSTITUTE

By

[Signature]

Ken Richardson
Its Assistant Chief Patent Counsel