

12-02-1998



100912000

RECORDATION FORM COVER SHEET  
PATENTS ONLY

11-23-98

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

Submission Type

New

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

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

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)

Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT  
REEL: 9605 FRAME: 0175

**Correspondent Name and Address**      **Area Code and Telephone Number**

**Name**

**Address (line 1)**

**Address (line 2)**

**Address (line 3)**

**Address (line 4)**

**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**

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

<b>Patent Application Number(s)</b>			<b>Patent Number(s)</b>		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5352485"/>	<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"/>

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

**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.**      #

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

**Method of Payment:**      **Enclosed**       **Deposit Account**

**Deposit Account**

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

JOHN B. BROCKI      *John B. Brocki*      11/16/98

**Name of Person Signing**      **Signature**      **Date**

**CONFIRMATORY INSTRUMENT**

1. NAME OF CONTRACTOR Case Western Reserve University	2. CONTRACT NO. F49620-92-J-0282
3. TITLE OF INVENTION Synthesis of Metal Oxide Thin Films	
4. NAME OF INVENTOR(s) Mark R. DeGuire, Arthur H. Heuer, Chaim N. Sukenik	
5. SERIAL NO. 5,352,485	6. FILING DATE October 4, 1994

The invention identified above is a "Subject Invention" under Patent Rights clause, 37CFR Part 401 (identify clause by title and date) included in Contract No. F49620-92-J-0282 with Case Western Reserve University (specify Government agency) which (does)/(does not) include the communications satellite paragraph of DAR 7-302.23(g).

This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application and any resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

(SEAL)

BY (Signature of Contractor)



TITLE OF CONTRACTOR

**DEREK M. HUMPHREY**  
Assistant Director  
Research Administration  
Case Western Reserve University

BUSINESS ADDRESS

Office of Research Administration  
10900 Euclid Avenue  
Cleveland, Ohio 44106-7015

ATTEST

*Susan J. Zull* 8/11/95



DEPARTMENT OF THE AIR FORCE  
AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFMC)  
BOLLING AIR FORCE BASE, DC 20332-0001

7 Oct 98

MEMORANDUM FOR SAF/GCQ

1501 Wilson Blvd.  
Arlington, VA 22209

FROM: AFOSR/JA  
110 Duncan Avenue, Room B115  
Bolling AFB DC 20332-8050

SUBJECT: Confirmatory License to the Government - Invention Entitled "*Synthesis of Metal Oxide Thin Films*" "*Filed Oct 4, 94. Serial No. 5,352,485*".

Attached is the grantee's confirmatory license to the government on the above-noted subject invention. It was conceived under grant *F49620-92-J-0282* with *Case Western Reserve University*.

  
JOYCE K. COPELAND  
Patents Clerk

Attachments:

1. Confirmatory License

RECORDED: 11/23/1998

PATENT  
REEL: 9605 FRAME: 0178