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R SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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To the Honorable Commissioner of

100762717

with attached original documents or copy thereof.

1. Name of conveying party(ies):

Kenneth Vaccaro
Helen M. Dauplaise
Andrew Davis

Joseph P. Lorenzo

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

2. Name and address of receiving party(ies)

Name: UNITED STATES AIR FORCE

Internal Address:

ESC/JAZ

40 Wright Street

Street Address:

City: Hanscom AFB State: MA ZIP: 01731-2903

Additional name(s) & address(es) attached? ☐ Yes ☐ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 24 APR 98, 27 APR 98, 24 APR 98,
27 APR 98

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/075,435

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: JULIAN L. SIEGEL

Internal Address:

ESC/JAZ

Street Address: 40 Wright Street

City: Hanscom AFB State: MA ZIP: 01731-2903

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

AF 01-0465

(Attach duplicate copy of this page if paying by deposit account)

07/13/1998 DC0ATES 00000182 010465 09075435

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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.

JULIAN L. SIEGEL

Name of Person Signing

Signature

23 June 1998

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20530

REEL: 9299 FRAME: 0870

AFB00405

ASSIGNMENT **(Joint-Executive Order)**

WHEREAS, we, Kenneth Vaccaro, Helen M. Dauplaise, Andrew Davis and Joseph P. Lorenzo, while employed by the Government of the United States, made an invention entitled CADMIUM SULFIDE LAYERS FOR INDIUM PHOSPHIDE-BASED HETEROJUNCTION BIPOLAR TRANSISTORS, and described in application for Letters Patent of the United States executed by us on or about the 24th day of April, 1998, on the 27th day of April, 1998, on the 24th day of April, 1998, and on the 27th day of April, 1998.

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we, Kenneth Vaccaro, Helen M. Dauplaise, Andrew Davis and Joseph P. Lorenzo, the inventors, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of our entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by us, Kenneth Vaccaro, Helen M. Dauplaise, Andrew Davis and Joseph P. Lorenzo, had this assignment not been made; and we do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, our right, title, and interest in said invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to us of any further consideration; provided, however, that this grant to take foreign rights in our invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries, and that all foreign rights not exercised under this grant are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the Government of the United States; and we Kenneth Vaccaro, Helen M. Dauplaise, Andrew Davis and Joseph P. Lorenzo, hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary for the preparation and filing of such applications, or for the Government to exercise its option granted hereunder, except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to such action.

Inventor Kenneth Vaccaro
Kenneth Vaccaro

STATE OF: Massachusetts
COUNTY OF Middlesex ss.

Before me, a Notary Public in and for the county of Middlesex and state of Massachusetts, on this 24th day of April, 1998, personally appeared Kenneth Vaccaro to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

Catherine A. Schuly
Notary Public

My Commission expires
September 2002

(Seal)

Inventor Helen M. Dauplaise
Helen M. Dauplaise

STATE OF: Massachusetts
COUNTY OF Middlesex ss.

Before me, a Notary Public in and for the county of Middlesex and state of Massachusetts, on this 27th day of April, 1998, personally appeared Helen M. Dauplaise to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledged said instrument to be his free act and deed.

Catherine A. Schuly
Notary Public

My Commission Expires
September 2002

(Seal)

Inventor

Andrew Davis
Andrew Davis

STATE OF: Massachusetts

SS:

COUNTY OF Middlesex

Before me, a Notary Public in and for the county of Middlesex and state of Massachusetts, on this 24th day of April, 1998, personally appeared Andrew Davis to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

Catherine A. Schuly
Notary Public

My Commission Expires
13 September 2002

(Seal)

Inventor

Joseph P. Lorenzo
Joseph P. Lorenzo

STATE OF: Massachusetts

SS:

COUNTY OF Middlesex

Before me, a Notary Public in and for the county of Middlesex and state of Massachusetts, on this 24th day of April, 1998, personally appeared Joseph P. Lorenzo to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

Catherine A. Schuly
Notary Public

(Seal)