

09-20-2002



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RECORDATION FORM COVER SHEET
PATENTS ONLY FINANCE SECTION

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

Submission Type

- ☒ New **9-18-02**
☐ Resubmission (Non-Recordation)
Document ID#
☐ Correction of PTO Error
Reel # Frame #
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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

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Execution Date
Month Day Year

Name (line 1)

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Name (line 2)

Second Party

Execution Date
Month Day Year

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Receiving Party

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09/18/2002 LNUELLER 00000278 010465 10150817

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Correspondent Name and Address

Area Code and Telephone Number (781) 377-4072

Name JULIAN L. SIEGEL

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Pages

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

2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

10/150817

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day

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

Method of Payment:
Deposit Account

Enclosed ☐ Deposit Account ☒

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

Deposit Account Number:

AF 01-0465

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, indicated herein.

JULIAN L. SIEGEL

Name of Person Signing

Julian L. Siegel

Signature

10 Sep 2002

Date

**ASSIGNMENT
(JOINT-CONTRACT)**

WHEREAS the Government of the United States of America entered into a contract numbered **F19628-95-C-0002** with **Massachusetts Institute of Technology** as Contractor, which contract provides that as to all discoveries, inventions, or improvements made or first reduced to practice in the performance thereof and not covered or to be covered by applications for Letters Patent filed by the Contractor, the Government of the United States shall be entitled to an assignment of the entire right, title, and interest therein, reserving to the Contractor, however, a nonexclusive, revocable, royalty-free license therein;

WHEREAS **Ernest Stern** was employed by the Contractor and during the course of his employment made an invention **CONCEPT FOR REDUCING DRIVER COUNT AND POWER IN MICROMECHANICAL FLAT PANEL DISPLAYS** which invention forms a part of the aforesaid contract; and

WHEREAS the Contractor has signified its intention not to file an application for Letters Patent on the aforesaid invention;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we, **Ernest Stern** and **Massachusetts Institute of Technology**, the Contractor, by its duly authorized officer or agent, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the Secretary of the Air Force, the entire right, title, and interest throughout the United States of America, its territories and dependencies, and all foreign countries, in and to the said invention **CONCEPT FOR REDUCING DRIVER COUNT AND POWER IN MICROMECHANICAL FLAT PANEL DISPLAYS** described in the specification executed by me, **Ernest Stern**, on or about the 10th day of April 2002, preparatory to obtaining Letters Patent of the United States therefore and all Letters Patent issuing thereon and any continuations, divisions, and reissues or extensions thereof, reserving to the **Massachusetts Institute of Technology**, a nonexclusive, revocable, royalty-free license to make, use and/or sell the subject matter of said invention described in the aforesaid specification and in any patent or patents which may issue thereon and any continuations, divisions and reissues or extensions thereof without the payment of royalties thereon, which license shall be assignable to the successor of that part of the Contractor's business to which it pertains; I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the 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 the assignee of the said entire right, title and interest in and to the same for the sole use, except as aforesaid, 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, except as aforesaid, as the same would have been held by **Ernest Stern** and **Massachusetts Institute of Technology**, the Contractor, had this assignment not been made; and I, **Ernest Stern**, the inventor, hereby agree to execute any and all applications for Letters Patent, both domestic and foreign, and to furnish all data and documents and to execute any papers which may be necessary for the preparation or filing of such applications, except it shall be understood that I shall not be subject to any out-of-pocket expense relative to such action.

INVENTOR Ernest Stern
Ernest Stern

STATE OF Massachusetts

COUNTY OF Middlesex

SS.

Before me, a Notary Public in and for the county of Bristol,
and state of Massachusetts, on this 12th day of April, 2001 ~~2002~~
appeared **Ernest Stern**, to me known personally, who being duly sworn did say that he is the
inventor who signed the above instrument and acknowledged said instrument to be his free act
and deed.

(SEAL)

Stephen J. McAlamy
Notary Public
My Commission Expires: 19 July 07

Contractor: **Massachusetts Institute of
Technology**

By Lita Nelsen

Title LITA L. NELSEN, DIRECTOR
TECHNOLOGY LICENSING OFFICE

Business Address Mass Inst of Technology
77 Massachusetts Ave
Cambridge, MA 02139

I, Kathleen A. Winmons, certify that I am the
Secretary, Assistant Secretary, or equivalent, of the Corporation named as Contractor herein; that
LITA NELSEN who signed this assignment on behalf of the Contractor, was
then of said Corporation; that said assignment was duly signed for and in behalf of said
Corporation by authority of its governing body, and is within the scope of its corporate powers.