

FORM PTO-1619A

Expires 06/30/99
OMB 0651-0027

07-13-1999



101089990

U.S. Department of Commerce
Patent and Trademark Office
PATENT**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

Submission Type

New

6-30-99



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)

LaFIANDRA, Carlo

06111999

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)

Raytheon Company

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)

a corporation of Delaware

Address (line 1)

Legal Department, M/S 1-1

Address (line 2)

141 Spring Street

Address (line 3)

Lexington

Massachusetts

02421

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

07/12/1999 DNGUYEN 00000273 500616 09343953

01 FC:581

40.00 CH

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 R98011/DbY/LaF

REEL: 010077 FRAME: 0819

Correspondent Name and Address

Area Code and Telephone Number **8055622108**

Name **Ravtheon Company**

Address (line 1) **Patent Docket Administration**

Address (line 2) **Bldg. EO/E01, M/S E150**

Address (line 3) **P. O. Box 902**

Address (line 4) **El Segundo, California 90245-0902**

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)

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 Year
06111999

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: # **500616**

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.

William C. Schubert

William C. Schubert

6-30-99

Name of Person Signing

Signature

Date

ASSIGNMENTPage 1 of 2
Attorney Docket No. R98011

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an)

KINEMATIC ACTUATOR DEFORMABLE MIRROR

for which application for Letters Patent of the United States has been executed by me, or *(if the following is completed)* was filed on _____ as Application No. _____ and

WHEREAS, RAYTHEON COMPANY (hereinafter referred to as RAYTHEON), a Delaware corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Carlo La Fiandra	INVENTOR'S SIGNATURE <i>Carlo La Fiandra</i>	DATE 6/11/99
RESIDENCE (CITY AND STATE) Danbury, Connecticut		INVENTION AGREEMENT DATE 03 June 1985
FULL NAME OF SOLE OR JOINT INVENTOR _____	INVENTOR'S SIGNATURE _____	DATE _____
RESIDENCE (CITY AND STATE) _____		INVENTION AGREEMENT DATE _____
FULL NAME OF SOLE OR JOINT INVENTOR _____	INVENTOR'S SIGNATURE _____	DATE _____
RESIDENCE (CITY AND STATE) _____		INVENTION AGREEMENT DATE _____

WCS:RECORD NO. 105.frm/lpps

State of Connecticut)
County of Fairfield) ss: Wilton
On June 11 1999, before me Susan M. Yankin a Notary Public in and for said
State, personally appeared Carlo La Fiandra.

☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public Susan M. Yankin
My Commission Exp. June 30, 1999