

8-17-98

08-21-1998

FILE NO. C271 Gen.

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



100798424

To the Honorable Commissioner of Patents :

original documents or copy thereof.

1. Name of conveying party(ies): Lucas Automation & Control Engineering, Inc.

Additional name(s) of conveying party(ies) attached? [ ] Yes [ X ] No

2. Name and address of receiving party(ies)

Name: Crystal Gage, Inc.

Address: 3 Tice Road

City: Franklin Lakes State: NJ Zip: 07417

Additional name(s) and address(es) attached?

[ ] Yes [ X ] No

3. Nature of conveyance:

[ X ] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

Execution Date: August 10, 1998

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)

B. Patent No.(s)

5,109,175 (Ser. No. 582,103)

4,980,598 (Ser. No. 454,402)

4,743,790 (Ser. No. 38,235)

Additional numbers attached?

[ ] Yes [ X ] No

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

Name: Anthony Giaccio, Esq.

BAKER & BOTTS, L.L.P.

Address: 30 Rockefeller Plaza - 44 Fl.

City: New York State: NY Zip: 10112

6. Total number of applications and patents involved: 3

7. Total fee (37 CFR 3.41):

\$ 40.00

[ X ] Enclosed

[ X ] Any deficiency is authorized to be charged to deposit account

8. Deposit account number:

02-4377

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

08/20/1998 JSABBAZZ 00000075 024377 5109175

01 FC:581 60.00 Cl- 40.00 BF

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.

Anthony Giaccio

Name of Person Signing

Signature

August 13, 1998

Date

Total number of pages including cover sheet, attachments and document: 5

PATENT

REEL: 9386 FRAME: 0248

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

10. Name of conveying party(ies):

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

Page 2 of 2

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks  
Box Assignments  
Washington, DC 20231**

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gather the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

PATENT  
REEL: 9386 FRAME: 0249

## A S S I G N M E N T

WHEREAS, LUCAS AUTOMATION & CONTROL ENGINEERING, INC., a corporation of Virginia with its principal place of business at 1000 Lucas Way, Hampton, VA 23666 (formerly LUCAS SCHAEVITZ, INC. a corporation of New Jersey with its principal place of business at U.S. Route 130 & Union Avenue, Pennsauken, New Jersey 08110), is presently the owner of all right, title and interest in and to the invention herein identified, and is desirous of assigning and transferring over the entire right, title and interest in and to the invention entitled "MONOLITHIC RESONATOR FOR VIBRATING BEAM FORCE SENSORS" as set forth and described in Letters Patent of the United States, Patent No. 5,109,175, issued April 28, 1992, the invention entitled "MONOLITHIC RESONATOR FOR A VIBRATING BEAM ACCELEROMETER" as set forth and described in Letters Patent of the United States, Patent No. 4,980,598, issued December 25, 1990, and the invention entitled "FORCE SENSING VIBRATING BEAM RESONATOR" as set forth and described in Letters Patent of the United States, Patent No. 4,743,790, issued May 10, 1988;

WHEREAS, CRYSTAL GAGE, INC. a corporation of New Jersey with its principal place of business at 3 Tice Road, Franklin Lakes, New Jersey 07417 is desirous of acquiring the entire right, title and interest in and to said inventions and any improvements thereon, and in and to any said application for Letters Patent therefore, and any Letters Patent which may be obtained therefor;

WHEREAS, pursuant to a Termination Agreement With Options executed March 25, 1991 between LUCAS SCHAEVITZ, INC., CRYSTAL GAGE, INC., and WILLIAM C. ALBERT, a resident of New Jersey having a mailing address of 3 Tice Road, Franklin Lakes, New Jersey 07417, LUCAS AUTOMATION & CONTROL ENGINEERING, INC. agrees to assign, transfer and set over to CRYSTAL GAGE, INC. its entire right, title and interest in said inventions;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said LUCAS AUTOMATION & CONTROL ENGINEERING, INC., for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said CRYSTAL GAGE, INC. and other valuable considerations unto us moving from said CRYSTAL GAGE, INC. at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said CRYSTAL GAGE, INC., its successors and assigns, the entire right, title and interest in and to the said invention entitled "MONOLITHIC RESONATOR FOR VIBRATING BEAM FORCE SENSORS" as set forth and described in Letters Patent of the United States, Patent No. 5,109,175, issued April 28, 1992, and said invention entitled "MONOLITHIC RESONATOR FOR A VIBRATING BEAM ACCELEROMETER" as set forth and described in Letters Patent of the United States, Patent No. 4,980,598, issued December 25, 1990, and said invention entitled

NY02:156142.1

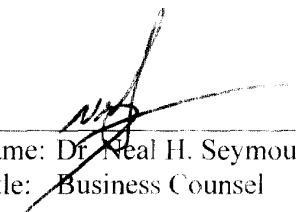
PATENT  
REEL: 9386 FRAME: 0250

"FORCE SENSING VIBRATING BEAM RESONATOR" as set forth and described in Letters Patent of the United States, Patent No. 4,743,790, issued May 10, 1988, and any and all improvements thereon, and in and to any application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said inventions or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said LUCAS AUTOMATION & CONTROL ENGINEERING, INC., do hereby authorize and request the Commissioner of Patents and Trademarks to issue any said Letters Patent of the United States to said CRYSTAL GAGE, INC. as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said CRYSTAL GAGE INC., its successors and assigns;

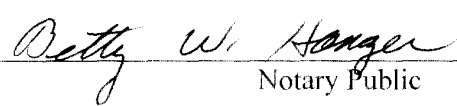
AND WE, the said LUCAS AUTOMATION & CONTROL ENGINEERING, INC., for the considerations aforesaid, do hereby covenant and agree to and with said CRYSTAL GAGE, INC., its successors and assigns that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our successors and assigns, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said CRYSTAL GAGE, INC., its successors and assigns, may be required or necessary more effectively to secure to and vest in said CRYSTAL GAGE, INC., its successors and assigns, the entire right, title and interest in and to said inventions and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said inventions or improvements.

IN WITNESS WHEREOF, the said LUCAS AUTOMATION & CONTROL ENGINEERING, INC., hereto causes its name to be affixed by its duly authorized officer:

  
Name: Dr. Neal H. Seymour  
Title: Business Counsel

STATE OF VIRGINIA        )  
  ):ss  
CITY OF HAMPTON        )

BE IT KNOWN, that on this 10<sup>th</sup> day of August, 1998, before me personally came Neal H. Seymour, Business Counsel for Lucas Automation & Control Engineering, Inc., to be known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Notary Public

My Commission expires January 31, 2002