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IN THE UNITED STATES

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MARK OFFICE

IN RE APPLICATION OF : Richard L. Hansen et al.
FOR : **METHOD FOR QUARTZ
CRUCIBLE FABRICATION**
SERIAL NO. : 09/697,904
FILED : October 27, 2000
ART UNIT : 1731
CONFIRMATION NO. : 5313
DOCUMENT ID NO. : I01585593
ATTORNEY DOCKET NO. : LD 11506
GEC 2 0513

4-1-02

ASSIGNMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents
1213 Jefferson Davis Highway, Suite 320
Washington, DC 20231
Box Assignment Division - CG-4

Dear Sir:

Please record the attached original document or copy thereof.

1. Name of Parties (Party) conveying an interest:

1. Richard L. Hansen 2. Frederic F. Ahlgren 3. Robert A. Giddings

2. Name and Address of Party receiving an interest:

GENERAL ELECTRIC COMPANY

1 River Road
Schenectady, New York 12345

Certificate of First Class Mailing

I hereby certify that this Assignment Transmittal Letter and Assignment are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, 1213 Jefferson Davis Highway, Suite 320, Box Assignments, CG-4, Washington, D.C. 20231, on March 21, 2002.

Cathryn Terchek
Cathryn Terchek

Date: *March 21 2002*

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name
☐ Security Agreement ☐ Merger
Other _____

Date of Execution of Assignment: **December 11 and 18, 2000**

4. Date of Execution of Application: **October 26 and 27, 2000**

Additional sheet attached? ☐ Yes ☒ No

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

Timothy E. Nauman
FAY, SHARPE, FAGAN,
MINNICH & MCKEE, LLP
1100 Superior Avenue - 7th Floor
Cleveland, Ohio 44114-2518

6. Number of applications and patents involved: 1

7. Amount of fee enclosed: \$40.00

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0308.


8. 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.

Respectfully submitted,

FAY, SHARPE, FAGAN
MINNICH & MCKEE, LLP

Date: March 21, 2002



Scott A. McCollister, Reg. No. 33,961
Anuj K. Wadhwa, Reg. No. 50,407
1100 Superior Avenue, 7th Floor
Cleveland, Ohio 44114-2516
(216) 861-5582

ASSIGNMENT

I/We, **Richard L. Hansen** of 9607 Troy Court, city of Mentor, state of Ohio; **Frederic F. Ahlgren**, of 203 Greenbriar Court, city of Richmond Heights, state of Ohio; and **Robert A. Giddings** of 68 Helderberger Parkway, city of Slingerlands, state of New York having invented certain new and useful improvements in:

METHOD FOR QUARTZ CRUCIBLE FABRICATION

for which we are about to make application for Letters Patent of the United States, the said application having been executed by us on the date indicated below, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, sell, assign, and transfer unto:

GENERAL ELECTRIC COMPANY

a New York corporation, its successors and assigns, the full and exclusive right, title, and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.

I, therefore, authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the said:

GENERAL ELECTRIC COMPANY

for its sole use, and that of its successors, and assigns.

Signed at Willoughby, on this 11th day of December, 2000.

Richard L. Hansen
Richard L. Hansen

STATE OF OHIO)
): SS
COUNTY OF LAKE)

Personally appeared before me this day, the above named **Richard L. Hansen**, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

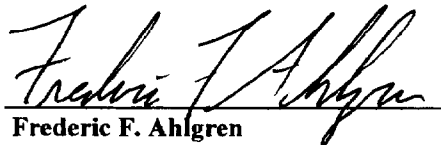
In testimony whereof, I have hereunto set my hand and affixed my seal, this 11th day of December, 2000.

(Seal)

Debra A. DeFrancesco
Notary Public

DEBRA A. DeFRANCESCO
Notary Public, State of Ohio
My Commission Expires 6/22/2002
Recorded in Lake County


Signed at Willoughby, on this 11th day of December, 2000.


Frederic F. Ahlgren

STATE OF OHIO)
) : SS
 COUNTY OF LAKE)

Personally appeared before me this day, the above named **Frederic F. Ahlgren**, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 11th day of December, 2000.


 Notary Public **DEBRA A. DeFRANCESCO**
 Notary Public, State of Ohio
 My Commission Expires 6/22/2002
 Recorded in Lake County

(Seal)

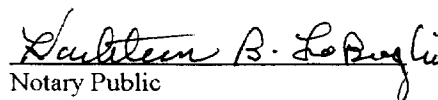
Signed at Schenectady, on this 18th day of December, 2000.


Robert A. Giddings

STATE OF New York)
) : SS
 COUNTY OF Schenectady)

Personally appeared before me this day, the above named **Robert A. Giddings**, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 18th day of December, 2000.


 Notary Public

(Seal)

KATHLEEN B. LoBUGLIO
 NOTARY PUBLIC IN THE STATE OF NEW YORK
 RESIDING IN SCHENECTADY COUNTY
 MY COMMISSION EXPIRES MAY 19, 2002