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DIRECTOR

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NATIONAL PHYSICAL LABORATORY  
HILLSIDE ROAD,  
NEW DELHI-110012.

*Dear Prof Hall,*

Thank you very much for your Season's  
Greetings and Best Wishes for the New Year,  
which I heartily reciprocate.

I was out of station to Hyderabad to  
attend the Science Congress and hence could  
not write to you earlier.

With kind regards,

*Yours sincerely*  
*A. R. Verma*

Dr. H. Tracy Hall  
1711 N. Lambert Lane  
Provo, Utah 84601  
U.S.A.

# In the United States Patent and Trademark Office

## OATH OR AFFIRMATION

*State of Utah*  
.....  
*County of Utah*  
.....

I, HOWARD TRACY HALL.....

DO SOLEMNLY SWEAR OR AFFIRM THAT IF ADMITTED TO PRACTICE BEFORE THE UNITED STATES PATENT AND TRADEMARK OFFICE:

I will observe the laws and rules of practice of the United States Patent and Trademark Office.

I will maintain the respect due to the United States Patent and Trademark Office and the officials thereof.

I will not counsel or maintain any application or proceeding which shall appear to me to be unjust, nor will I take any action except such as I believe to be honestly debatable under the law.

I will employ for the purpose of maintaining the causes confided to me such means only as are consistent with truth and honor and will never employ political influence nor seek to mislead the officials of the Office by any artifice or false statements of fact or law.

I will maintain in confidence and preserve inviolate the secrets of my client and will accept no compensation in connection with his business except from him or with his knowledge or approval.

I will abstain from all offensive personality and advance no fact prejudicial to the honor or reputation of a party or witness unless required by justice of the cause with which I am charged.

I will not delay any man's cause for lucre or malice.

*H. Tracy Hall*  
.....

Subscribed and sworn to, or affirmed before me this 19<sup>th</sup> day of January, 1979.

*[Signature]*  
.....  
Notary Public  
My Commission Expires March 3, 1981

(SEAL)

40004465



FORM PTO-158  
(REV. 7-78)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INSTRUCTIONS

Complete every item. If an item is not applicable, insert "N/A".

If additional space is needed attach firmly to this application extra sheets of paper. Attach all certificates, letters, and other documents as required to this application in the same manner.

APPLICATION FOR REGISTRATION TO PRACTICE  
BEFORE THE UNITED STATES PATENT AND TRADEMARK OFFICE

To the Honorable, The Commissioner of Patents and Trademarks,  
Washington, D.C. 20231

SIR: (First . Middle . Last Name)

I, Howard Tracy Hall

hereby apply for registration to practice before the Patent and Trademark Office, and submit the following information relative to my fitness to be admitted to practice before the Patent and Trademark Office.

1. (Check one) a.  I am a former patent examiner and have served in the examining corps of the Patent and Trademark Office for at least four years. I request that the taking of the examination be waived [Rule 341(c)] and enclose the required fee of \$25.00 [Rule 21 (h)].
- b. Enclosed is the required fee of \$35.00 [Rule 21 (h)] to take the examination. I understand that an additional fee of \$25.00 [Rule 21 (h)] will be required to accomplish my registration upon my passing both the morning and afternoon sections of the examinations.
- I am applying to take both the morning and afternoon sections of the examination.
- I am applying to take only the morning section of the examination; I passed the afternoon section of the examination given in (March) (Sept.) of 19\_\_\_\_.
- I am applying to take only the afternoon section of the examination; I passed the morning section of the examination given in (March) (Sept.) of 19\_\_\_\_.

2. Business Address (Name of Employer; Corp., Law Firm, Gov't Agency, etc.)

Brigham Young University, Department of Chemistry, Provo, Utah 84602  
(I am Distinguished Professor of Chemistry & Chemical Engineering)

Street Address or P.O. Box No.

P.O. Box 7533

City, State, ZIP Code

Provo, Utah 84602

3. Business Phone and Area Code

801 374 1211 ext 4741 or 3667

4. Home Residence (Street or P.O. Box No.)

1711 N. Lambert Ln.

City, State, ZIP Code

Provo, Utah 84601

5. Home Phone and Area Code

801 374 0300

6. Citizenship (Country)

USA

7. Date of Birth (Mo. Day Yr.)

October 20, 1919

8. Place of Birth (City, State, Country)

Ogden, Utah USA

9. Member of the Bar (Check one)  Yes  No

List the United States courts or the highest courts of the States or Territories of the United States before which you are admitted to practice and attach a certificate of the clerk of any one of such courts, duly authenticated under the seal of the court, that you are an attorney-at-law in good standing.

1. N/A

2.

3.

10. Have any charges ever been preferred against you in connection with your practice before any Court, Federal, State, or Municipal Bureau, Commission, Office of agency of any kind or character:  Yes  No

If "Yes," state when, where, and with what results?

N/A

11. Have you ever been arrested, charged, or held by Federal State or other law-enforcement authorities for any violation of any Federal law, State law, county or municipal law, regulation or ordinance:  Yes  No

Do not include anything that happened before your 16th birthday. Do not include traffic violations for which a fine of \$25 or less was imposed. All other charges must be included even if they were dismissed.

If your answer is "Yes," Give for each case:

Approx. date	Charge	Place	Action Taken
N/A			

12. Have you made application to take previous examination for registration to practice before the Patent and Trademark Office?

Yes  No

If "Yes," what was the date of the last application? \_\_\_\_\_

How many previous morning sections of the examination have you failed? \_\_\_\_\_

How many previous afternoon sections of the examination have you failed? \_\_\_\_\_

An applicant who has failed either three prior morning sections or three prior afternoon sections of the examination, and who desires to take any further examination, must submit an affidavit, with his application, giving a list of the studies pursued by him since the last examination, and the time occupied with them, together with a certificate by the person under whose direction he has studied, showing that the applicant has so studied during a period of at least one year.



Note: In preparation for the exam, I have completed the study of Kayton's seven volume course, PATENT PREPARATION & PROSECUTION PRACTICE.

13. Parties under whom patent experience, if any, was gained:			
General Electric Co, Schenectady, N.Y. in the filing of my own patents			
Ross Workman, Patent Atty, Salt Lake in the filing of my own patents			
14. Citation to some or all of the patent cases in which I have given substantial assistance under the supervision of a registered patent attorney or agent in the preparation or prosecution (Do not list more than five (5) cases).			
1. DIAMOND SYNTHESIS, H.T. Hall, Aug 2, 1960, U.S. 2,947,608			
2. METHOD OF MAKING DIAMONDS, H.T.Hall, et al, Aug 2, 1960, U.S. 2,947,610			
3. HIGH PRESSURE HIGH TEMPERATURE APPARATUS, H.T.Hall, June 21, 1960 U.S. 2,941,248			
4. DIAMOND-NONDIAMOND CARBON POLYCRYSTALLINE COMPOSITES Howard T. Hall, June 11, 1974, U.S. 3,816,085			
5. POLYCRYSTALLINE DIAMOND COMPOSITES, Howard T. Hall, Oct 21, 1975, U.S. 3,913,280			
15. Character references (Three who have known you more than two years and are not related by blood or marriage.)			
Name		Street Address	City, State, ZIP Code
H. Reese Hansen (Atty)		447 Stadium Ave,	Provo, Utah 84601
Jens J. Jonsson (Neighbor)		1710 N. Lambert Ln.	Provo, Utah 84601
Ben E. Lewis (Vice Pres. Brig. Young U.)		2840 N. 840 E.	Provo, Utah 84601
16. If formerly employed as an examiner in the Patent and Trademark Office, give group(s), art unit(s) and dates of employment:			
Group	Art Unit	From: Mo. Yr.	To: Mo. Yr.
N/A			
17. In accordance with Rule 341(c) requiring a showing from applicants of "sufficient basic training in scientific and technical matters," set forth below your education in detail. If college credits less than a degree are relied on as partial qualification, an authenticated transcript is required.			
If any degree has been received complete the following:			
Degree Received	College Conferring degree	Date Received	Major Subject
Ph.D.	University of Utah	28 August 1948	Chemistry/Physics
M.S.	University of Utah	8 June 1943	Chemistry/Physics
B.S.	University of Utah	9 June 1942	Chemistry/Physics
Furnish evidence, such as letter from College Registrar, that you received each of the above degrees.			
If practical experience is relied upon to supplement formal training, describe fully such experience. Attach corroborating statements by those under whom experience was gained.			
18. Are you currently a licensed professional engineer in any jurisdiction within the United States? If so, list the jurisdictions:			
1. N/A	2.	3.	
19. List National, State, City Bar and Patent Law or similar Associations to which you belong, if any:			
1. N/A	2.	3.	
20. List National, Scientific, Technical, or Engineering Society Memberships, if any:			
1. The American Chemical Society		2. The American Physical Society	
Upon the basis of the foregoing information, I hereby apply to be registered to practice before the Patent and Trademark Office.			
I certify that each and every statement or representation in this application is true and correct (a willfully false certification is a criminal offense and is punishable by law [18 U.S.C. 1001]).			
Signature of Applicant <i>Howard Tracy Hall</i>			Date <i>19 January 1979</i>
An application to take the March examination must be received on or before January 31.			
An application to take the September examination must be received on or before July 31.			



1. (Last name) (First) (Middle) (Maiden, if any)		
MR. HALL, HOWARD TRACY		
MRS. MISS		
2. YOUR ADDRESS (Number and street, or R.D. number, city, state and zip code)		3. DATE OF THIS APPLICATION (Mo., day, year)
1711 N. Lambert Ln. Provo, Utah 84601		JAN 19, 1979
4. BIRTH DATE	5. EXAMINATION TITLE:	
20 OCT 1919	EXAMINATION FOR REGISTRATION TO PRACTICE BEFORE THE U. S. PATENT AND TRADEMARK OFFICE	
6. WHERE DO YOU WISH TO TAKE THE EXAMINATION? (City and State; see Cities listed in the Announcement)		
PROVO, UTAH 53-10		
7. ARE YOU NOW EMPLOYED BY THE FEDERAL GOVERNMENT? (If so, give the following information: A. Name of Agency. B. Place of employment (full mailing address).)		
NO		

FORM PTO-297  
(REV. 10-78)

OMB APPROVAL NOT REQUIRED  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

EXAMINATION FOR REGISTRATION  
TO PRACTICE BEFORE THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

2. WHERE DO YOU WISH TO TAKE THE EXAMINATION? (City and State; see Cities listed in the Announcement)

PROVO, UTAH 53-10

DO NOT WRITE IN THIS SPACE

1. SIGN YOUR NAME	ONE GIVEN NAME, INITIAL OR INITIALS, IF ANY, AND LAST NAME
PRINT OR TYPE YOUR ADDRESS	<i>H. Tracy Hall</i>
	STREET, R.D., OR POST OFFICE BOX NO.
	1711 N. Lambert Ln.
	CITY, STATE, AND ZIP CODE
	Provo, Utah 84601

ADMISSION CARD

This card will be returned to you with the time and place of the examination stamped thereon. Bring the stamped card when you report for the examination.