Digitized

Mulkh Raj Nayar, B.Sc, Honours, Punjab University;

Ceramic Engineer, University of Illinois, U.S.A.;

M. Sc, Chemical Engineer, Purdue University, U.S.A.;

Graduate Student in Applied Electro-Chemistry, Massachusetts Institute of Technology; U.S.A. M.Sc., Chemistry, University of Michigan, U.S.A.:

Formerly, Assistant Chemist, National Aniline Company, Buffalo, U.S.A.;

Formerly, Lecturer in the Jamshedpur Technical Institute and professor in Benares Hindu University.

15.	Mill: On Liberty	59.	Burns: Introduction to Soc.
16.	Darwin: Origin of Species		Dean Inge: Rustic Moralist
17.	Darwin: Descent of Man	61.	Conon Dyal. On the Edge of
18.	Darwin: The Expressions of the Emotions in Man and Animals		(Conon Dyal Tries to persuade the reader to believe in spirituality, not through argumentation but through
19.	Benn: History of Modern Philosophy		experimentation.)
20.	Benn: History of Ancient Philosophy	62.	Cole: What is Ahead of Us? 3 7
21. 22	Buckle: History of Civilization in England Huxley: Lectures and Essays		Six Annas Series,
23.	Fisher: Our New Religion	63.	Catheart: Nutrition and Dietetics
21	Mander: Psychology for Everyman	64.	Thompson: History of India
25.	Mander: Clear Thinking		Sir Ross: History of Islam
26.	Whyte: The Religion of the Open Mind	66.	Weekly: The English Language
27.	Murry: Your Body	67.	Sampson: Science and Reality
23.	Twain: What is Man?	68.	Sir Arnold: The Islamic Faith
29.	Gooch: Unity of Civilization	60	Wastermark: Marriage

Precidents Office Mayor, Wulkel & RECEIVED Mohalla Vakilan, FEB 15 1940 Purana Bazar. Ludhiana. India Dated......193 9 Dear Sie Jam enclosing herwith certain printed matter. Please bring this and This letter of ming to the notice of our purident. Our president is a man of The same type as was Newton. Only a Newton can recognise Newton. Its will recognize me at order. I am getting about twelve dollars a mouth from The medical 3 chool I teach in. The Cresident may be able to place me on some fellowship, as a research associate, as a teacher or an instructor in The Institute. Personally I believe if some bulliant Hindos (Hindus) stay in America as teachers and some Americand in India, our world would gain tremendously. Letters of Introduction from our president and Grof. Waterhouse who, I believe, knows me may be of help to me in getting a position with Late and Steel Company, Jamshedpur, where Roof. Waterhouse lectured last summer. I shall feel obliged to Them, for This act of kindness and trouble. yours respectfully, Mulkh Olaj Hayar

TOREWORD and a single of the struggle of

The study of this little book with a student gave me the opportunity of writing these notes and summaries. These were useful to us; I think they may be useful to others.

Personally, I do not appreciate writing notes, not because the clearness of expression is only a virtue of the few and an average teacher, who is interested in writing notes, is liable, sometimes, to misunderstand highly imaginative minds, but because they do not form any literature. Secondly, they are often, as far as the writer's experience goes, too bulky, and thus are not only a source of time-waste, but are in the case of a few students, if not many, the cause of their failure. Thirdly, it produces a tendency in the growing minds of memorising stuff, both important and and unimportant, which burdens memory; while its real development consists not in remembering all things, but in forgetting them which are, mostly, unimportant. Considering memory as one of the mental faculties, upon the development of which the examination system lays so much emphasis,

it is only a third grade thing in the struggle of life. The success in examination depends upon the power of memory, of understanding-depending upon the subject, and attention. All these threes may be brought under the process of Imitation, and an average man learns through imitation, whether by seeing or listening to others, or by reading books-it is imitation. But the examination system has entirely failed in the test of higher faculties such as curiosity, distinction, observation, reflection, imagination, concentration, originality; the power of analysis and synthesis. That is why Rabindra Nath Tagore could not pull on with our traditional ways of education; Edison was called a dunce; and Henry Ford did not go up even for matriculation. dents, if not many, the cause of

Thirdly, it produces a tendency in the growing minds of inemorising staff, both important and and animportant, which burdens memory; while its real development consists not in remembering all things, but in forgetting them which are, mostly, unimportant. Considering memory as one of the mental faculties, upon the development of which the examination system by a so much emphasis,

FOREWORD

Chemistry in Medicine forms a chapter of my book, the "Fundamentals of Chemistry", which has been divided into three parts: Mental Hygiene; Structure and Properties of Matter; and Fundamentals of Chemistry.

The first part has been added with a view to change the mental attitude of the student and thus direct his attention towards the right course of life. After all, the aim of education is to direct the evolution of our instincts into the right channels; its function is to remove ignorance.

Chemistry in Medicine is, no doubt, an important question, even from examination viewpoint, for the students of medicine. But its main purpose is to draw the attention of all concerned, particularly, the Members of the Medical Council and those of Faculty to the importance of higher chemistry in medicine.

October 24. 1936.

MULKH RAJ NAYAR.

ON EDUCATION

Reprinted from the Civil & Military Gazette 15th May 1935

I had a student. Sometime before his father asked me to take care of his son. He had obtained only six marks in his last examination and therefore was placed under condition and a promise taken from his father by the college authorities to the effect that if he did not get through the final examination, he would not be sent up to the university The student as his knowledge of chemistry was concerned was practically nil, though from his facial expression he looked quite intelligent. The class had covered almost the whole course meant for the Intermediate students of the Punjab University. After the study of exactly two months with me he got through fairly in the different branches of the subject. His professor, too, who has been teaching for the last twelve years, was amazed at his progress.

Now the problem is before your mind as well as of mine; the question arises how could the student cover the course of study of two years in two months. Was this success due to the use of new methods of teaching or to the extraordinary intell gence of the student? If it is due to the former, why do not then our university authorities investigate into those methods and adopt them? If it is due to the latter, which I am more inclined to believe, why are then the fasters compelled to go with the slowers? Is it not social injustice? I think it is Besides, it slows down the speed of progress.

Our present-day system of teaching is based upon the Principle of the Average; while the history of mankind is the history of its intellectual movement. Why do they not, then, overhaul the whole educational system and make it elastic so as to make it suitable for the faster to go at a faster rate and the slower at a slower one. I do not mean to reject out the latter; for the discoverers and the propagators of knowledge are equally needed-the security and the advance of civilization can only be guaranted at the hands of reactionaries, who are the greatest enemy of civilization, by the spread of knowledge. The appalling ignorance of the teeming millions of China and those of India is a fertile field for their instinctive exploitation. Did not the greatest reactionary, Mr. Gandhi, put, at least for a while, the very scientific civilization in danger?

Again, our presenday system of education never suited to men of the highest intellect; because it was not progressive. Ford, Edison and Tygore and a host of others had their own schooling; studied at their own universities. I believe they had to; for it did not afford them sufficient scope for the development and exercise of their higher mental faculties such as curiosity distinction, observation, reflection, imagination, concentration, originality; the power of analysis and synthesis.

MULKH RAJ NAYAR

Boys' Ludhiana Medical School

The Industry Printing Press, Ludhiana,

- 14

residents Office
RECEIVED
JUN 12 1950

W. C. M. College, Ludhiana, India. April 15, 1950

Dear Sir,

It gives me a great pleasure, as an old student of the Institute, to send a copy of 'This Mysterious Life' to you - our new leader. It will acquaint you with the moving conditions in India.

Thank you.

Sent it to library

yours sespectfully, M.R. Nayyar

June 12, 1950 Mr. M. R. Nayyar W.C. M. College Ludhiana, India Dear Mr. Nayyar: I should like to acknowledge your letter of April 15, 1950 with which you enclosed a copy of "This Mysterious Life." This publication has been sent along to the Library for the information of our students. May I express sincere appreciation for making this interesting information available to us. Sincerely yours, M. G. Kispert MGK/afc Assistant

nayyar March 28, 1956 Mr. M.R. Nayyar Old Barzar Ludhiana, India Dear Mr. Mayyar: May I acknowledge for President Killian the receipt of your little book entitled, "Vindication". President Killian has not yet had a chance to see your book but hopes to have an opportunity to do so soon. Yours sincerely M.G. Kispert Executive Assistant

from M.R. Nayyar, Old Bayar, Ludhiana India

NEADORLAND HORMAN "A Central Authority by United Jewry to better serve our Country and our People"

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MEN'S DIVISION

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WOMEN'S DIVISION

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Bensonhurst League of Saratoga Springs Cure and Convalescent Home

Bensonhurst Women's American Jewish Congress Hias Ladies' League

Ivriah—Bensonhurst Branch of Jewish Education Committee

Ladies' Auxiliary of Bikur Cholim of Bath Beach Ladies' Auxiliary of Congregation Bath Beach Ladies' Auxiliary, Congregation Bath Israel

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Ladies' Auxiliary, Congregation Sons of Israel

Ladies' Auxiliary of Congregation Sons of Israel

Ladies' Auxiliary of Congregation Tifereth Israel

Ladies' Auxiliary of Congregation Tifereth Israel

Ladies' Auxiliary, Infants' Home of Brooklyn

Ladies' Auxiliary, Infants' Home of Brooklyn

Ladies' Auxiliary, Jewish Community House

Ladies' Auxiliary, Jewish Community House

Ladies' Auxiliary, Jewish Sanitarium & Hospital

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Ladies' Auxiliary of Mapleton Park Hebrew Institute

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Ladies' Auxiliary of Yeshiva of Bensonhurst

Ladies' Auxiliary of Young Israel of Mapleton

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Women's Mizrachi of Bensonhurst

OF BENSONHURST AND MAPLETON

HEADQUARTERS AT JEWISH COMMUNITY HOUSE OF BENSONHURST

7802 BAY PARKWAY - BEACHVIEW 2-8050

BROOKLYN 14, N. Y.

August 20,

Dr. Karl T. Compton, President Massachusetts Institute of Technology Cambridge, Mass.

My dear President:

It is my high privilege to bring to you the esteem and appreciation of our fellow citizens in our Bensonhurst-Mapleton Community, for the very high place you hold in molding public opinion loyal to our precious American way of life.

Such distinction is not easily won nor readily maintained and our 100,000 Americans of Jewish Faith recognize that your heart and mind are atune to the principles we in America hold more precious than life itself.

So as fellow Americans, we ask a message from you on behalf of the pitiful remnants of the destitute persecuted Jews of Europe who yearn to find in Palestine a National Administrative Committee Home where they could carve out their God-Given destiny in Dignity, in Honor and in Freedom.

Their keystone hope to the dignity of human beings:-to Life, Liberty, and the Pursuit of Happiness, lies in the conscience of enlightened mankind.

We want to publish your message in the Anniversary Brochure of our Jewish Community House which is rated among the largest and most influential cultural and character-building Institutions in our blessed Country.

Our Institution is not only the headquarters of all of our established Jewish Organizations, but also the Headquarters of the War-activities of all the people of our community:-Gentile and Jew, regardless of race, color or creed.

Annually our Brochure carries messages from outstanding personalities, including the President of our own great Country. This year we would be proud to include yours.

Your message will not only rekindle the fluttering hope of these despairing humans in Europe, but it will also encourage the large majority in America who have compassion for them and who seek a just and enduring solution to the Palestine problem.

With high personal esteem, I

Respectfully

Herman Neaderland

President, Council of Jewish Organizations of Bensonhurst and Mapleton President, Jewish Community House of

Bensonhurst and Mapleton

A38BMBLY Rabbi Chaim Bid Rabbi Arabam Cutler Rabbi Aaron Dachowitz Rabbi Shepsel Friedman Rabbi Meyer Hirschman Rabbi Jacob Kassin 1946 ANG 23 Rabbi Harry M. Katzen Rabbi Aaron Kazarnovsky Rabbi Max Kirshblum Rabbi Kurt Klappholz Rabbi Benjamin Morgenstern

Rabbi Max Reichler



The Council consists of

AUTONOMOUS **JEWISH ORGANIZATIONS** WHICH COORDINATE THROUGH THE FOLLOWING LEGISLATIVE BODIES

Council Officers Rabbinical Assembly Executive Committee Representative Assembly



August 23, 1946

Mr. Herman Neaderland, President
Council of Jewish Organizations of
Bensonhurst and Mapleton
Jewish Community House of Bensonhurst
7802 Bay Parkway
Brooklyn 14, New York

My dear Mr. Neaderland:

Dr. Compton will be away from the office until after Labor Day and so I am taking the liberty of acknowledging your letter of August 20 in which you request a message from Dr. Compton, to be published in the Anniversary Brochure of your Jewish Community House. I shall bring your letter to his attention as soon as he returns.

Sincerely yours,

Secretary

September 9, 1946

Mr. Herman Neaderland, President Council of Jewish Organizations 7802 Bay Parkway Brooklyn 14, N.Y.

Dear Mr. Neaderland:

In reply to your letter of August 20, I am glad to submit the following message for your anniversary brochure of your Jewish Community House, if you desire to publish it. I am somewhat at a loss as to just what to say because, with the fullest symmethy for the needs and aspirations of the Jewish remnants who wish to go to Palestine, I recognize some of the difficulties in connection with the Arabs and I do not know enough about the situation personally to know with any confidence just how far the adjustment, so desirable for the Jews, may be feasible and fair to the Arabs.

Very sincerely yours

President

"Certainly one of the most difficult and probably, of all, the most distressing among the situations resulting from the war is that confronting Jewish remnants and refugees in the countries of Europe which were overrun by the Nazi machine. Like so many of the other difficult problems resulting from the war, it is one which is insoluble in the sense that no solution can satisfy every one concerned. It is a situation in which some compromises and some concessions must be made at the present, in the interests of long-term peace and well-being of peoples.

"By tradition and desire these Jews hope to find a refuge in Palestine. With the business and technical

talent which they would bring with them they could unquestionably create a self-supporting and useful community. I have myself been interested in one aspect of the developments to this end, namely, the program of the Hebrew Institute of Technology in Haifa, which I believe will render very significant contributions to the Palestine Jewish community.

"No move of the type contemplated can be made without the willingness of many people of various outlooks to cooperate in the interest of a good permanent solution of a very difficult problem, and a realization that the failure to find such a solution will be not only a source of continued present suffering but also a continuing threat of future trouble. I sincerely hope that everybody concerned may make the greatest possible effort to approach the problem in a permanently constructive and altruistic spirit."

Karl T. Compton

neal, Fred. Suggestions from Bradley Dewey The American Chemical Society's atomic energy exhibit is in charge of Walter Murphy, Journal of Industrial and Engineering Chemistry, American Chemical Society Building, Washington, D.C. A second exhibit on the same subject has been authorized and Dewey believes they will cooperate in setting up something special if desired. Other suggestions are: Sidney Kirkpatrick, McGraw-Hill Publishing Co., N.Y. J. Hooker Millard, Advertising Manager, Dow Chemical Company, Midland, Michigan. (Especially magnesium and plastics). Lee Jackson, Firestone Tire and Rubber Co. Dewey also emphasized that duPont and U.S. Rubber are past masters in the exhibition of new products. September 17, 1946 (Given to Mr. Fred Neal of the State Department, Washington)

neal, & B Presidents Office RECEIVED SEP 13 1943 Horist 10 ---

NORTON LABORATORIES

CUSTOM MOULDERS OF SYNTHETIC PLASTICS BAKELITE DUREZ

LOCKPORT, N.Y.

September 11, 1943

ALL AGREEMENTS ARE CONTINGENT UPON STRIKES, FIRES, ACCIDENTS OR CAUSES BEYOND OUR CONTROL.

Mr. Karl T. Compton, President Massachusetts Institute of Technology Cambridge, Mass.

My dear President Compton:-

A few days ago I received in the mail the attached pamphlet from the Armour Research Foundation to which was clipped the card of Mr. Sykes of Inland Steel exactly as you should receive it.

This appeals to me although I doubt that they could help us much.

Our Company, after a hard struggle in the 30's, will have sales this year of around a million and a half, and a staff of 300 employees and a reasonable profit. We are engaged in what I like to call garden variety of plastic molding; that is, job or custom molding for others.

We have a good staff and are efficient and good technical molders.

However, this is an easy field to get into and because of the unbelievably vast interest in plastics, is a field that is going to be tremendously over-crowded after the war.

We are too small to engage in a vast research program, and yet proportionately in a community of this size, we are important from the standpoint of sustained employment.

From the fact that we are not carrying on an extensive research program, we are at a serious tax disadvantage with those who are.

Has M.I.T. any suggestions by which we might benefit from the research that others have done and on what sort of a basis?

J.B. NEAL

LL enc.

President M.I.T. 1915

v/truly yours,

October 5, 1943 Mr. J.B. Neal Norton Laboratories Lockport, New York Dear Mr. Neal: I was much interested in receiving your letter of September 11 with its enclosed pamphlet from the Armour Research Foundation of the Illinois Institute of Technology. We at M.I.T. had some contact with the officials of that institution while they were planning its reorganization and exploring the possibilities of a research foundation, primarily to serve the many and diversified interests of the Chicago area. They went into the matter thoroughly and constructively, and from the reports which I have heard their program seems to be sound and to be meeting with some success. As you undoubtedly know, there are several organized plans in educational institutions for cooperation with industrial organizations in their research and development problems. Best known, I suppose, is the Mellon Institute of the University of Pittsburgh, which has the advantage of a very fine plant and some operating capital given by the Mellon family. Under Dr. E.R. Weidlein as Director, the general plan is to take on research projects by contract with companies who provide for the full operating expense of the work, whereas the Mellon Institute assembles the necessary staff and top supervision. Roughly speaking the company rents laboratory space and facilities and pays for the required equipment and research staff, and the Mellon Institute supplies general supervision and a direction based upon rather wide experience. The Research Foundation of Purdue University is a somewhat similar organization under the direction

of Dr. Stanley Meikle, who was formerly a member of the research staff of the General Electric Company. This Foundation operates somewhat differently from the Mellon Institute in that it maintains a larger permanent research staff who, together with individuals who may be drafted from the various scientific or engineering departments of the University, are assigned to the various industrial contract jobs, with such supplementary temporary staff as has to be engaged for each job.

Here at M.I.T., as you know, we carry on the corresponding activities through our Division of Industrial Cooperation, under the direction of Mr. N. McL. Sage. At the present time we are carrying on work on about 60 contracts with industrial concerns, each of which is under the supervision of some properly selected member or group from our staff and is carried on with such additional allocation of staff or temporary new staff as may be required. Under this D.I.C. we are also handling some 50 contracts with Army, Navy, O.S.R.D., and other governmental agencies.

These, I think, are the most prominent efforts of educational institutions to cooperate with industrial concerns on their problems. Similar work is of course carried on in many other institutions. I know that some of this work here has been highly successful and undoubtedly some of it has been less so. At the present time of course the energies and facilities are pretty completely absorbed with problems connected with the war, which have been given precedence over all others.

Going outside the educational field, there are of course various consulting laboratories, of which I think Arthur D. Little, Inc., is the best. Your own organization, I believe, is to some extent of this same character, and of course you know all about the possibilities in this line.

If your firm were located in New England I would suggest that you get in touch with Dr. Lawrence Bass, who is Director of the newly created New England Industrial Research Foundation which was established with initial contributions of many New England industries to assist New England generally, and especially the smaller companies, in handling their research and development programs and orienting themselves with reference to future developments. Dr. Bass

COMPRESSION AND INJECTION MOLDING LOCKPORT, NEW YORK April 5, 1948 Referred to JoTrump by Mrs Edwardson 4-8-48 PERSONAL Dr. Karl Compton, President c/o Massachusetts Institute of Technology Cambridge, Mass. Dear Dr. Compton: -I write you with reluctance because I realize to some extent the load you are carrying, but unfortunately do not know anyone else to approach, and thought if anything could be done you might divert this letter to the proper party. Five years ago, Mrs. Neal had a complete breast removal which proved to be malignant. Two years ago it was thought there was a possible re-occurrence on the other side, but in a minor removal of the suspected spot, no malignancy was found. On a routine check-up about six weeks ago three spots showed up in one lung. A checking examination a month later showed no detectable progress. The operating surgeon and the man who still has her under care is Dr. Herbert Smith of Buffalo, and she is also working with a local physician. I naturally noted with great interest the article by John G. Trump in the December, 1947 edition of the Technology Review entitled "Roentgen Rays on Cancer". In the event the next examination that Mrs. Neal has shows any further development, is there any possibility that theatment might be given with the equipment at M.I.T., and how would you go about it, if there was a chance? Of course, all arrangements would have to be made with the advice and consent of Dr. Herbert Smith, and I presume if any arrangement could be made, it would only be done after forwarding of X-Ray plates, and other data indicating the

location and whether or not as a result of this determining whether M.I.T. Electrostatic Research Generator would be of any value.

In anyone replying, would appreciate your addressing my office.....care of Norton Laboratories, Inc., Lockport, N.Y., rather than at my home.

With kindest regards,

J.B. NEAL LCC

President

Dr. Compton MASSACHUSETTS INSTITUTE OF TECHNOLOGY Presidents Office DEPARTMENT OF ELECTRICAL ENGINEERING CAMBRIDGE, MASS. April 9, 1948 Mr. James B. Neal, President Norton Laboratories, Inc. Lockport, New York Dear Mr. Neal: Dr. Compton has asked me to reply to your letter of April 5th regarding treatment possibilities for Mrs. Neal. I have discussed the information contained in your letter with Dr. Laurence L. Robbins, Chief of the X-Ray Department of the Massachusetts General Hospital. Dr. Robbins suggested the possibility -- in the event the symptoms are real, as they well may be -- that hormone therapy may be indicated first since this is occasionally remarkably effective for patients in Mrs. Neal's probable age group. It would be desirable to begin such treatment as soon as possible. Hormone therapy is a developing medical technique, and competent application is probably available in your area. Here in Boston, Dr. Ira T. Nathanson of the Massachusetts General Hospital is an outstanding authority in hormone therapy, and you may wish to refer the case to him. If you do get in touch with Dr. Nathanson, Dr. Robbins would also follow the case from the point of view of possible roentgen-ray therapy. Should supervoltage radiation be indicated rather than hormone therapy, treatment could best be given with the 13-million-volt x-ray source at the Massachusetts General Hospital, where a supervoltage clinic has been in progress for nearly eight years. For reasons connected primarily with the practical difficulties of treating patients at MIT, we have temporarily suspended our treatment program here and are referring the cases to the Massachusetts General Hospital, where very similar equipment is available. As you suggest, all arrangements should be made with the advice and consent of Dr. Herbert Smith, and the above information is offered only as a possible avenue of treatment which you may jointly decide to use. With best wishes, I am Sincerely yours, John G. Trump JOT/olg

May 23, 1951 Mr. James Neal Norton Laboratories, Inc. Lockport, New York Dear Mr. Neal: Mr. Joseph Byrne has told me of your making it possible for our Chemical Engineering Practice School group to sit in on a labor negotiation at the Norton Laboratories. I want to thank you for extending this courtesy and help to our group. Mr. Byrne tells me that the group profited very greatly from the opportunity to get an insight into how industry handles the human relations part of its activities. I think it fine that our students can have such opportunities so that they get a true picture of how American industry operates. I hope some time to have an opportunity to thank you in person and further to discuss various aspects of the Institute's program. Yours sincerely, JRK: mh J. R. Killian, Jr. President Lee Byrne, Joseph (5/18/51) 5/23/51

Mr. George E. Nealand
4-260
Dear Mr. Nealand:

I should like to inform you that this morning the steel secretarial desk from the Rockefeller Building has been delivered to Room 3-235.

I appreciate very much your making this desk available to the Development Office.

Sincerely yours,

M. G. Kispert Assistant

MK:DV

Nesland, g.E. MASSACHUSETTS INSTITUTE OF TECHNOLOGY Cambridge, Massachusetts Institute Staff To: From: Office of Laboratory Supplies Subject: Use of DO Priority Rating by the Institute The responsibility for the Institute's action (excluding D.I.C.) in relation to the National Production Authority Regulations and Orders has been delegated to the Office of Laboratory Supplies. All requests from vendors for DO Ratings and Certifications under various M-orders should be referred to this office. The present status of the Institute is as follows:-1. We are extending DO 97 priority ratings for maintenance, repairs and operating supplies in accordance with NPA Regulation NO. 4. 2. Under this regulation we are limited in current dollar volume of such purchase by the dollar volume of such purchases in the fiscal year 1949-50. 3. Due to the increase in prices since the base period 1949-50 this means a reduction in the physical quantity of materials we may purchase in the current year. All departments of the Institute are requested to make an effort to reduce waste and excessive use of MRO materials. 4. These materials are described as:-Maintenance- the minimum upkeep necessary to keep any plant, facility or equipment in sound working condition. Repairs- Restoration of any plant, facility or equipment to sound working condition. Operating Supplies - Expendable materials which are essential for administration, teaching and research. Excluded from this classification are such items as fuel, public utilities, food, library books, salaries, wages, purchased services, travel expenses, and capital items such as furniture, instruments, machine tools, and equipment. 5. We are required to certify that any purchases of a limited number of critical materials such as copper, aluminum, cobalt, zinc, lead and tin are permitted by the limitations of the various M-orders (Material Order). If you receive requests from vendors for DO97 or certifications under M-orders, please send the request to Office of Laboratory Supplies. If certification under M-orders is requested send a memo stating the end of the critical materials involved. All certifications should be signed by this office. If you have signed any certifications prior to receiving this notice please notify this office in order that our records may include them. If you wish to discuss any questions arising from these regulations call Mr. Nealand Extension 761. G. Edward Nealand, Manager

nealand 48 MASSACHUSETTS INSTITUTE OF TECHNOLOGY OFFICE OF LABORATORY SUPPLIES G. EDWARD NEALAND, Manager C. EDWARD SLYE, Assistant Manager 1953 October To: Administrative Officers, Department Heads, Executive D.I.C. Supervisors From: Office of Laboratory Supplies Subject: Letterhead Paper As a result of your cooperation in submitting samples of your letterhead paper for our recent survey, we have been able to develop a source of supply for a 50% Rag Bond Letterhead Paper with the M.I.T. seal as a watermark. This letter is printed on this excellent new paper and a sample sheet is attached. Using this paper for letterhead will give substantial savings in cost. The Office of Publications (Room 7-202, Ext. 3258) is available for advice on letterhead design and is working with the Office of Laboratory Supplies in an attempt to make distinctive letterheads available to Institute departments at the lowest possible cost. We would appreciate having your comments. G. Edward neal and G. Edward Nealand Manager

neatend, 918, Presidents Office RECEIVED NOV 16 100 November 4, 1953 Mr. Robert F. Molan State Educational Agency for Surplus Property Department of Education 200 Newbury Street Boston, Massachusetts Re: Public Sale of Surplus Property Dear Mr. Molan: In accordance with instructions received from your office we have conducted a public sale of eight (8) items of property which were obtained by M.I.T. from Government surplus. These items were surplus to the educational needs of M.I.T. and you have ruled that there is no further need for educational purposes. The sale was conducted according to your instructions as follows: 1. An announcement of the sale appeared in the Boston Globe, Boston Herald, and the Journal of Commerce on September 2, 3, 4, 1953. 2. We had requests for bid forms from the following companies: Adelphia Equipment Company Philadelphia, Pennsylvania Atlas Equipment Company Kansas City, Missouri D. Beal Machinery Company Boston, Massachusetts Boston Machinery and Tool Company E. Boston, Massachusetts The Boston Metal Company Baltimore, Maryland Thomas Burke and Company Charlestown, Massachusetts

by s.

Consolidated Products Company, Inc. New York, New York

Dubin Steel Company Philadelphia, Pennsylvania

Michael Plynn, Incorporated Brooklyn, New York

James J. Gouse Boston, Massachusetts

Heggie Corporation Dorohoster, Massachusetts

Highland Junk Company Boston, Massachusetts

Interstate Machinery Company Philadelphia, Pennsylvania

Herman D. Jaffe Philadelphia, Pennsylvania

Piasa Tool and Dye Company Alton, Illinois

R & H Machinery, Incorporated Worcester, Massachusetts

Rentley Company Plainville, Massachusetts

Riverside Transportation Company Medford, Massachusetts

Daniel Russell Boiler Works Boston, Massachusetts

Standard Machinery and Supply Company, Inc. Boston, Massachusetts

Surplus Machinery Company Waltham, Massachusetts

Universal Wrecking Corporation Salem, Massachusetts

In addition to these requests we forwarded 10 copies of the bid form to your office for further distribution.

 Bids were received until 2 p.m. on September 28, 1953, and then opened publicly with only one of the bidders present. Mr. Nolan -3- Nov. 4, 1953

4. A summary of bids as received is shown on attached Sheet A.

5. Successful Bidders were as follows:

MASS NO. ITEM SUCCESSFUL BIDDER AMOUNT

Worthington Pump R & H Machinery Co. \$105.00

#87 #40 Vertical Triplex Plunger Hydraulic Pump D. Beal Machinery Co. 117.00

#87	#40 Vertical Triplex Plunger Hydraulic Pump	D. Beal Machinery Co.	117.00
#17	#3 Plan-o-Mill	D. Beal Machinery Co.	277.81
#40	Norton Hand C Grinder Serial #6-15125	Interstate Machinery Co.	1500.00
#42	Norton Hand C Grinder Serial #C-15178	Interstate Machinery Co.	1500.00
#19	Moline Milling Machine	D. Beal Machinery Co.	217.51
	U. S. Multi-Miller	D. Beal Machinery Co.	287.67
#18	Sturtevant Planovane Exhauster	Rentley Company	15.00
		TOTAL	\$4019.99

- 6. A tabulation of the cost of acquisition, moving and storage charges, and expenses of the sale, is shown on attached Sheet B.
- 7. The total receipt from the sale was \$4019.99 with expenses totaling \$1681.92, leaving a balance of \$2338.07 in excess of expenses. A check for this amount, made payable to the Treasurer of the United States, is enclosed.

We appreciate the cooperation which we received from your office in this matter.

Very truly yours,

G. Edward Wealand

GEN/ee Sheet A Sheet B Check for \$2338.07

ec/ Mr. D. L. Rhind, Mr. Kispert

SHEET A

SUMMARY OF BIDS

MASS NO.	ITEM	D. BEAL MACHINERY COMPANY	RAM MACHINERY, INCORPORATED	RENTLEY CO.	INTERSTATE MACHINERY
•	Worthington Pump No. L Mark XXIV	No Bid	\$105.00	No Bid	No Bid
#87	#40 Vertical Triplex Plunger Hydraulic Pump	\$117.00	\$105.00	No Bid	No Bid
#17	#3 Plan-o- Mill	\$277.81	\$250.00	\$25.00	\$250.00
#40	10" x 18" Norton Hand C Grinder, Serial #C-15125	\$811.77	\$825.00	\$25.00	\$1500.00
#42	10" x 18" Norton Hand C Grinder, Serial #C-15178	\$887.11	\$325.00	\$25.00	\$1500.00
#19	Type 26 Moline Milling Machine, Serial #3381	\$217.51	\$105.00	\$25.00	\$200.00
-	U. S. Multi-Miller MM 50-64	\$287.67	\$125.00	\$25.00	\$250.00
#18	Sturtevant Planovane Exhauster, Serial #461981 Size 50	No Bid	\$15.00	\$15.00°	No Bid

^{*} Awarded to Rentley Company by Lot

SHEET B

ANALYSIS OF EXPENSES

MASS NO.	NAME OF MACHINE	COST OF ACQUISITION	COST OF MOVING FROM MIT TO RIVERSID	COST OF STORAG	TOTAL
	Wothington Pump Mark EXIV, No. L	\$1.00	•	-	\$1.00
#87	#40 Vertical Triplex Plunger Hydraulic Pump	\$179.34		-	179.34
#17	#3 Plan-o-Mill		65 _¥ 00	90+00	155.00
#40	10" x 18" Norton Hand C Grinder, Serial #C-15125	250.00	90.00	90.00	480.00
#42	10° x 18° Norton Hand C Grinder, Serial #C-15178	250.00	135.00	90.00	475.00
#19	Type 26 Moline Milling Machine, Serial #3381	-	55.00	90.00	145.00
•	U. S. Multi-Miller MM 50-64		25.00	90.00	115.00
∯18	Sturtevant Planovane Exhauster, Serial #461981 Size 50				
				1	1500.84
			1	DVERTISING	174.51
				PRINTING	4.95
				POSTAGE	2.12

maland, 918. 112 November 17, 1953 Mr. Robert F. Nolan State Educational Agency for Surplus Property Department of Education 200 Newbury Street Boston, Massachusetts Re: Sale of Surplus Property Dear Mr. Nolan: In accordance with instructions received from your office we conducted a sale of five (5) items of property which were obtained by M.I.T. from Government surplus. These items were surplus to the educational needs of M.I.T. and you had ruled that there was no further need for educational purposes. The sale was conducted in the following manner: 1. Invitations to bid were sent to the following companies: Joseph Beal and Company 465 Atlantic Avenue Boston, Massachusetts Boston Machinery and Tool Company 78 Lewis Street Bast Boston, Massachusetts Botwinik Brothers of Mass., Inc. 2 Sherman Street Worcester, Massachusetts The Harold Company 137 Oliver Street Boston 10, Massachusetts Packard Machinery Company 343 Main Street Cambridge, Massachusetts

Nov. 17, 1953

R & H Machinery, Incorporated 1051 Southbridge Street Worcester, Massachusetts

Riverside Transportation Company 308 Main Street Medford, Massachusetts

Wigglesworth Machine Tool Company 199 Bent Street Cambridge, Massachusetts

- 2. The final day for submitting bids was set at 5 p.m. on Monday, May 11, 1953, At that time no bids had been received. On May 21, 1953, the Boston Machinery and Tool Company wrote to us asking if they could put in a late bid. As you may recall, I checked with you by phone and we decided to let them submit a bid.
- 3. The bid from the Boston Machinery and Tool Company was as follows:

MASS NO.	ITEM	AMOUNT
#45	#401 Campbell Wet Abrasive Cut-Off Machine	\$475.00
#46	Kelleflex Grinder DL6 Serial #11444	75.00
#49	#40 Lees Bradner Automatic Chucking Type Thread Miller Serial #34644	277.00
#50	LsPointe Horizontal Broach Serial #29030	211.00
#77	Izod Impact Tester Serial #M432	50.00
		\$1088.00

- 4. A tabulation of the cost of acquisition, moving and storage charges, and expenses of the sale is shown on Attached Sheet A.
- 5. Total receipt from the sale was \$1088.00 with expenses totaling \$1097.18. In view of the fact that the expenses exceeded the receipts from the sale, we understand that no credit is due the Treasurer of the United States and this matter may be considered closed.

We appreciate the cooperation which we received from your office in this matter.

Very truly yours,

G. Edward Nealand Manager

GEN/ee co/ Mr. Rhind Mr. Kispert/

SHEET A

ANALYSIS OF EXPENSES

MASS NO.	NAME OF MACHINE	COST OF ACQUISITION	FROM MIT TO RIVERSIDE	AT RIVERSIDE	TOTAL
#45	#401 Campbell Wet Cut- Off Machine	\$125.00	\$50.00	\$70.00	\$245.00
#46	Kelleflex Grinder DLS Serial #11444	20.00	35.00	70.00	125.00
#49	#40 Lees Bradner Automatic Chucking Type Thread Miller Serial #34644	250.00	35.00	70.00	355.00
#50	LaPointe Horisontal Broach Serial #29050	150.00	125.00	70.00	845.00
#77	Izod Impact Tester Serial #M432	27.18		-	27.18
					\$1097.18
				e of Conduct- e Sale	•
				TOTAL	\$1097.18

NEAR EAST COLLEGE ASSOCIATION

INCORPORATED

AN INVESTMENT IN INTERNATIONAL GOOD WILL

В	OARD OF DIRECTORS
	COLLINS P. BLISS PESIDENTS OFFICE 50 WEST 50 STREET
	WHITNEY C. COLBY ALLEN W. DULLES HAROLD AMES HATCH CELVED NEW YORK. N.Y.
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	GEORGE W. PERKINS 12 1930 COLUMBUS 5-3040 NECAS NEWYORK
	FRANCIS T. P. PLIMPTON BAYARD SCHIEFFELIN OF 10
	VANDERBILT WEBB
	116

ROBERT COLLEGE, ISTANBUL
ISTANBUL WOMAN'S COLLEGE
AMERICAN UNIVERSITY OF BEIRUT, SYRIA
INTERNATIONAL COLLEGE, BEIRUT
AMERICAN COLLEGE OF SOFIA, BULGARIA
ATHENS COLLEGE, GREECE

ALBERT W. STAUB, AMERICAN DIRECTOR S.B.L. PENROSE JR., ASSISTANT DIRECTOR WM. A. ROBINSON, ASSISTANT TREASURER

Boston, Massachusetts January 11, 1939

President Karl T. Compton
Massachusetts Institute of Technology
Cambridge, Mass.

Dear President Compton:

During the second and third week of March, there is to be held in Boston and the vicinity a series of meetings of the Near East College Association, at which President Bayard Dodge, of the American University of Beirut in Syria, will speak. These meetings are the first of an annual series to be held by the Boston section of the Near East College Association which is this year being organized on a permanent basis.

In connection with this organization, we are anxious to establish an honorary committee of prominent individuals who are interested in international education, who are willing to lend their sponsorship to the ideals which dominate the six Near East Colleges. I have been asked to invite you to become a member of that honorary committee.

I can promise you that membership is truly honorary and that you will not be called upon to give more than the weight of your influence in support of the organization.

I feel sure that you are familiar with at least some of the colleges in the Association, for there have been in the past and are now graduates and members of the faculty who have attended M.I.T. Speaking of them reminds me that I want to thank you for your kindness to Professor Rubinsky of Beirut, to whom your courtesy has given great happiness.

If you would care to discuss this invitation with me personally, I shall be happy to call upon you at your convenience. I shall be staying at the Hotel Bellevue throughout this week. If you should wish to see me, I can be reached there.

Very sincerely yours,

Stephen B. L. Peurale, Jr. Assistant Director

Neon East Callege Doon January 13, 1939. Mr. Stephen B. L. Penrose, Jr., Hotel Bellevue, Boston, Massachusetts. Dear Mr. Penrose: I have your cordial letter of January 11th and in reply will say that I should be pleased to serve on the honorary committee for the meetings of the Near East College Association, which will be held in Boston and vicinity during the second and third week of March. Very sincerely yours, President

NEAR EAST COLLEGE ASSOCIATION

AN INVESTMENT IN INTERNATIONAL GOOD WILL

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50 WEST 50 STREET NEW YORK, N.Y.

TELEPHONE COLUMBUS 5-3040

CABLE ADDRESS NECAS NEWYORK

28th 1939 January

ROBERT COLLEGE, ISTANBUL ISTANBUL WOMAN'S COLLEGE AMERICAN UNIVERSITY OF BEIRUT, SYRIA INTERNATIONAL COLLEGE, BEIRUT AMERICAN COLLEGE OF SOFIA, BULGARIA ATHENS COLLEGE, GREECE

ALBERT W. STAUB, AMERICAN DIRECTOR S.B.L. PENROSE JR., ASSISTANT DIRECTOR WM. A. ROBINSON, ASSISTANT TREASURER

Dr Karl T Compton, President Massachusetts Institute of Technology Cambridge, Massachusetts

My dear Dr Compton:

On my return from a rather extended trip through the Middle West, I was happy to find your letter accepting our invitation to become a member of the honorary committee sponsoring the meetings of the Near East Society in Boston. I was greatly pleased to learn of your willingness to serve and want to thank you for the assistance which your membership on the committee will give us.

You will be interested to know that we have received acceptances from Dr Frederick M Eliot, Miss McAfee of Wellesley, Dr Godfrey Cabot, Mrs Robert Dodge and Mr Arthur Johnson. There are some others from whom I have not yet heard but from whom I am expecting a reply very shortly. I have been very much pleased to discover the genuine interest which all of these have shown in the work which we hope to do.

I hope that I may have the privilege of meeting you when I am in Boston with President Dodge in March.

> Presidents Office JAN 30 1939 Refer to ... File ...

Very sincerely yours,

Assistant Director

May 14, 1941. see also: Opplications: Pulinsky Mr. Albert W. Staub, Near East College Association, 50 West 50 Street, New York City. Dear Mr. Staub: Dr. Compton has asked me to reply to your letter of May 8. While Professor Rubinsky was here at the Institute he made a very favorable impression upon all who came in contact with him. As our staff for next year is complete, I am sorry that we can not offer any position to him. However, we would be glad to recommend him without hesitation for any position connected with hydraulics and mechanics, the subjects which he studied while he was here. Sincerely yours, Assistant TFC: W

NEAR EAST COLLEGE ASSOCIATION OCT 15 1947 AN INVESTMENT IN INTERNATIONAL GOOD WILL Refer to ----BOARD OF DIRECTORS ROBERT COLLEGE, TURKEY ISTANBUL WOMAN'S COLLEGE DANIEL BLISS 50 WEST 50 STREET, ROOM 1707 W. RANDOLPH BURGESS ALLEN W. DULLES VIRGINIA C. GILDERSLEEVE GEORGE D. GRAVES AMERICAN UNIVERSITY OF BEIRUT INTERNATIONAL COLLEGE, BEIRUT NEW YORK 20, N. Y. AMERICAN COLLEGE OF SOFIA, BULGARIA GEORGE D. GRAVES
HENRY C. HOLT
HAROLD B. HOSKINS
WILLIAM DE FOREST MANICE
WILLIAM H. OSBORN
FRANCIS T. P. PLIMPTON
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LOREN H. ROCKWELL
HAROLD F. SHEETS
LOWELL THOMAS
MRS. FRANK. A. VANDERLIP
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WALTER L. WRIGHT, JR. ATHENS COLLEGE, GREECE DAMASCUS COLLEGE, SYRIA AMERICAN SCHOOL FOR BOYS, BAGHDAD TELEPHONE CABLE ADDRESS COLUMBUS 5-3040 NECAS ALBERT W. STAUB, AMERICAN DIRECTOR WILLIAM W. PATTON, ASSOCIATE DIRECTOR HARRY R. SNYDER, ASSOCIATE DIRECTOR GEORGE M. BARAKAT, ASSISTANT DIRECTOR October 10, 1947 WM. A. ROBINSON, ASSISTANT TREASURER Dr. Karl Compton, President Massachusetts Institute of Technology Cambridge, Massachusetts Dear Dr. Compton: President Bayard Dodge of the American University of Beirut is expecting to be in New England from October 25th to about November 15th. During this period and as most convenient to you would you be willing if your engagements permit to be host at a dinner for Dr. Dodge at our expense. We have an office in Boston at 603 Boylston Street where our representative, Mrs. James Hitchcock, directs our activities in New England. She would be happy to handle details for you. Dr. Dodge prefers a small group and simplicity in arrangements and informal conversation. We hope you may find it possible and congenial to do this, and on word from you, I will ask Mrs. Hitchcock to offer her help at once. Sincerely yours, Allen W. President