## EASTMAN KODAK COMPANY

## ROCHESTER, N. Y.

January 3rd, 1920.
Dr. Richard C. Maclaurin, President, Massachusetts Institute of Technology, Boston, Mass.,

Dear Dr. Maclaurin:-
I was much pleased to receive your letter of December 31st notifying me that the Institute had succeeded in raising over three millions of the proposed endowment fund. This entitles you to my contribution and I enclose herewith certificates numbers $36,37,38$, 39 and 40 for one thousand shares each of the common stock of the Kodak Company, I congratulate you on the prospect of soon reaching the goal of four millions, which was the maximum amount mentioned in my offer.

With renewed expressions of good will to the Institute and to you personally, I remain, with the Season's Greetings,

Dear Mr. Eastman:
On my return from New York I find your letter five
of Jonuary 30 enclosimgncertificates each for one thousand shares of the common stock of the Kodak Company. There appears to be a clerical error with reference to the numbers for your letter mentions numbers $36,37,38,39$ and 40 , while the certificates are mumberod $93,94,95,96$ and $9 \%$. I need hardiy say that it is an immense satiafaction to have met the conditions of your very generous offer. I ain sure that what' you have done will be rich in good results for many a generation to come.

With kind regards, I am,
Yours sincerely,

January 7, 1920.

Mr. George Eastman,
900 East Avenue,
New Zork, N. Y.

## EASTMAN KODAK COMPANY

ROCHESTER, N. Y.

January 12th, 1920.
Dr. Richard C. Maclaurin,
Boston, Mass.,
Dear Dr. Maclaurin:-
Replying to your letter of the 7th, the numbers mentioned in $m y$ letter of the 3rd were through error those of the certificates that had been surrendered for transfer.

Trusting the illness which according to the papers kept you from attending the dinner on Saturday evening is not serious and with kindest regards, I am,

Yours very truly,

Levge sastruan in

900 East Avenue $19 \geq 0$ Rochester, N. Y. The funenel services $t$ Prenglent
 Ohunth fors unday it thee ocleck.
Arus Araclanting and Cormitter of Anomenats mill he plesee if gru ile fehvit woe I juers name. as an horeavery fall Yhearer this nitreint repoed to whaten jum are stürle fresict or ant ス $\qquad$ - R.Kot 2 $\qquad$ 1.854


Jsnuery 22, 1920.

George Eastman, Eeg.,
ch Eastinan Kodak Company,
Rochester, Mew York.
My dear $\begin{aligned} & \text { Mr. Eastman: } \\ & \text { M }\end{aligned}$
Tour kind telegram authorizing the use of your nome as one of the honorary pallbearers was received and it was a gratification to all concerned to have your name among those who through their close association with President Maclaurin had learned to respect and love him.

If it will interest you to learn just what temporary arrangements we have made to carry on the President'g work at the Institute and some of the facts conceming the larger problem for fatling a permanent president I shall be very glad to arrange to call on you at your convenience in flochester, Hew York, or elsewhere.

The immediate problems in connection with the Institute affairs and those connect d with his personal estate will awake it difficult for to go to Rochester until after a peoisl meeting of the Corporation called for the 80 th.

The regular work of the Institute is going forward as usual and the Executive Comittee has arranged a very satisfactory plan which it is intended should be effective for the balance of this school year. It is not intended to appoint any Acting President at this time. The responsibilities ordinarily assumed by the President in respect to internal affairs and general sdainistration of the Institute in Cambridge will be in charge of an Administrative Comitteo made up of three members of the Faculty, - Dr. Veliger, Dr. Talbot (who is Chairman of the Faculty) and Professor Miller. Mr. Fish, the senior member of the Executive Committee has been elected its Chairman, but a sub committee of the Executive Committee, consietigg of Kors, Webster and the Treasurer has been appointed to take an active and intimate part in the administration of affairs and it will be to this committee that the Administrative Committee will report and look for guidance. This is of course not to be considered as more than a temporary organization, but it appears to be in the way of promoting both harmony and effectiveness for the completion of this school year.

Very truly yours,
(Signed) PRAKCIS R. HART
Treasurer.

## April 28, 1920.

Mr. H. J. Gaiman, 345 Fifth Avenue, New York City.<br>Dear Mr. Gaisman:

Your letter of April twenty-third, addressed to the late President Maclaurin, relating to the ire of Mr. George Eastman, has come into our hands. Your letter will be placed in the hands of Mr James W. RoleIns who heads the committee of arrangements for the Technology Reunion which, I understand, is to be of a memorial character next June. In connection with that they will undoubtedly have occasion to express apprecation of $M r$. Bestman and his work, and the material which you have will very likely be of great service to them.

> Very truly yours,

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(C O P Y)
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345 Fifth Avenue,
New York City.
April 23, 1920.
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Mr. R. C. Maclaurin,
President, Massachusetts Institute of Technology, Boston, Mass.

Dear Sir:
This commination is sent with the object of now bringing to your attention an idea which may form the basis for consideration in connection with your probable interest in the life and doings of Mr. George Eastman.

The undersigned, inventor of the Autographic Kodak, etc., in in firsthand position to relate facts which should stand for a high and inspiring appreciation of that gentleman. There is probably nothing in the business life of this man which expresses himself as clearly as that which is within my own personal and business experience with him. I do not wish to include my own name in any way-on the contrary, if the general thought appeals to you, it is my desire to furnish material and suggestion from which the pure object can be developed.

I shall take pleasure in discussing the matter with you and would come to Boston if necessary, but if you expect to come to New York soon, that would suit me better.

> Very truly yours,
(Signed) H. J. GAISMAN

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\text { October } 15 \text { th, } 1920 .
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Mr. James P. Munroe, Secretary,
Massachusetts Institute of Technology, Boston, Mass.,

My dear Mr. Munroe:-
I am in receipt of your letter of October 13 th
notifying me that I have been elected a life member of the Corporation of the Institute and this is to inform you that I accept the election with much appreciation of the high honor conferred.

Dear Mr. Munroe:
I enclose a letter just received from Mr. Wastman as I think porhaps you would like to anmmer 1t. Of course it is perfectiy proper that he be excused from serving on committees if he wishes to be left out.
Yourg sincerely,

Secretary to the President.

November 15, 1020.

Mr. James P. Munroe,
200 New Jersey Avenue, N.W.,
Washington, D. C.

March 3, 1921.

## Dear Mr. Eastman:

Replying to your letter of March lst, I do not know how many volumes of reports and plans there wore in Dr. Msclsurin's room at the time you ssw them, but there are at the present time about twenty lerge volumes. We shall be very gled indeed to let you have them, 8! though It is perhaps \& "larger order" for us to send and you to take care of then you wish to undertake. So far as we are concermed we would gladly have them put in cases and send them to you and it will not cause us the least trouble or inconvenience. It oc urs to me, however, thet Dr. Rhees and you may prefer to heve some one came on and look them over and take back not only the volumes which your representative may think will be useful but also any other plans or information which he may think desirable. I shail be glad to errange the matter in any asy you prefor.

While we shall of course wish to heve the volunes back in due course there is no reason why they cannot be retained by you or Dr. Rhees for a considereble poriod if you desire to heve them.

With kind regards,

> Very truly yours,

Mr. Goprge Eestman,
Rochester, N.Y.

## EASTMAN KODAK COMPANY ROCHESTER, NY.

October 12th, 1923.
Mr. James P. Munroe, Secretary,
Massachusetts Institute of Technology, Cambridge, Mass.,

My dear Mr. Munroe:-
On my return today from a ten weeks' trip in Alaska and British Columbia I find the notice of a meeting of the Corporation to be held on October 17 th and this is to express my regret that on account of my long absence from home I shall not be able to attend.


## The University of Rochester

## ROCHESTER, NEW YORK

Mr. Francis R. Hart, 17 Court Street, Boston, 7, Nass.

Dear Mr. Hart:
Many thanks for your letter, also for your assurance that we may keep the Technology studies,-subject to call,-so long as we have active need for them. We greatly appreciation this privilege.

Very truly yours,


RR.K

George Fastman, Esq. Rochester
New York
My dear Mr. Bastman:
Replying to your letter of October 13, We were very sorry indeed not to see you at the meeting of the Corporation of the Massachusetts Institute of Teolmology held yeaterday aftermoon. It was an unusually interesting one, and, at the close of it, Bosworth showed possible desims for the development of the Bastman Court, the Walker Memorial and the domitories.

Gerard Srope, Arthur D. Little and Franklin $\mathbb{W}$. Hobbs were elected life members of the Corporation; Ceorge E. Hele's name having been temporarily withdram, at his own request, because of the present precarious stote of his health.

Hoping that your trip to Alaska and Britiah Columbia will be a very agreeable one, and trusting that we may have the pleasure of seeing you at the next meoting of the Corporation, which takes place Jamury 2, 1934, I an

Yours very sincerely,

## EASTMAN KODAK COMPANY <br> ROCHESTER.N.Y.

November 22nd, 1924.
Mr. Francis R. Hart,
Boston, Mass.,
My dear Mr. Hart:
Herewith I enclose copy of the proposed donation agreement. I propose to let the Institute have three hundred of these units. Will you kindly look the contract over and see whether there is anything objectionable in it from the Institute's point of view; and whether there is or not let me know here in Rochester on Wednesday, the 26 th? (I shall be in New York at the Belmont the 24 th and 25 th). It is intended to have the representatives of the various donees here in Rochester to sign the necessary papers on Monday, the list of Decembet. Also let me know if this will suit you.

It is my desire to let this affair have no publicity as long 28 possible, and certainly not until after the list of January; so if you will kindly guard this point I will be much obliged.

I am perfectly well aware that the Institute is not in urgent need of this gift but I have perfect confidence that the possession of the property will not lead the Board of Trustees into any extravagances; and I do not attach any conditions but simply express the hope that my money will be used preferably for buildings.
Yours very truly,


Rochester, N. Y., December 8, 1924.

Fellow Mmployees of the Eastman Kodak Company:
This is to announce to you that I have sold certain stocks at less than their market value (the price being payable in instalments during my life) to various educational institutions, with the intention of benefiting such institutions to the amount of about $\$ 15,000,000$. The institutions in question and the minimum amount of the benefit expected to be derived by each of them are as follows:

| Massachusetts Institute of Technology | $\$ 4,500,000$ |
| :--- | ---: |
| University of Rochester of | $3,000,000$ |
| Eastman School of Music | $2,500,000$ |
| College of Liberal Arts and Sciences | $2,500,000$ |
| Medical School | $1,500,000$ |
| College for Women | $1,000,000$ |
| Hampton Institute | $1,000,000$ |
| Tuskegee Institute | $\$ 15,000,000$ |

(The transfers to Tuskegee Institute and Hampton Institute are for the most part conditional upon their successfully completing their drive for $\$ 5,000,000$, now in progress, before December 31, 1925)

In view of the fact that you are, nearly all of you, now stockholders of the Kodak Company owing to the action of myself and of the Kodak Company, and the further fact that this transaction includes the buik of my remaining holdings in the Kodak Company, I deem it proper to inform you that it does not indicate in any way that I am about to retire from the direction of the Company, or that my interest in its success is in any way lessened by the transaction. For some time past the accumulation of money personally has lost its importance to me and therefore my interest in the Company has not been affected by the income from its shares.

As time goes on I realize more clearly that I shall have to face the inevitable sooner or later and inasmuch as my major interest in life is to guard the continued success of the Kodak Company and the welfare of those whom I have brought together as its employees I have been shaping my plans accordingly. The distribution of stock to employees was one of the first of these plans. To make that stock more valuable every year depends largely upon you all, the humblest workmen as well as the skilled experts. Things that are outside of your control might affect the stock temporarily, such as my death and the unexpected throwing upon the marketo large block of stock. One of the objects of this transaction that I am telling you about is to guard against the latter event, my stock being the last great block in existence, as the holdings of the other big owners, my old partners Strong and Walker, have been distributed without disturbance of the market.

Another principal reason for this disposition of my stock at this time is that I desire to see the money put into action during my lifetime. About sixty per cent. of this particular money is to be spent in Rochester in undertakings which mast largely inure to the benefit of Kodak employees and their descendants.

Among the other plans that I have made and have been carrying out is provision for the management of the Company in case of my death. For years I have been building up a staff organization which I believe is unexcelled in any company in the world, either in individual ability or co-operative spirit. With this magnificent staff I have been able, as I have grown older, to relinquish detail to such an extent that $I$ do not look forward to the necessity of retiring for many years.

Truly yours,
Geo. Rastman.

One of the reasons why I welcome this disposition of my Kodak stock is that it separates me from money making for myself and will give me the benefit of a somewhat more detached position in respect to humen affairs. I look forward with interest to finding out how much the changed conditions will affect my views on current events.

A friend of mine who had advanced knowledge of this transaction asked ime why I selected these four institutions as the beneficiaries of this distribution. The answer was easy. In the first place the progress of the world depends almost entirely upon education. Fortunately the most permanent institutions of man are educational. They usual endure even what governments fall: hence the selection of educationel institutions. The reason that I selected a limited number of institutions was because I wanted to cover certain kinds of education and felt that I could get results with the institutions named quicker and more directly than if the money was spread. Under the best conditions it takes considerable time, sometimes years, to develop the wise expenditure of money in any line, no matter how well prepared one may be. I am now upwerds of seventy years old and feel that I would like to see results from this money within the netaral term of my remaining years.

The Massachusetts Institute of Technology is the greatest school of its kind in the world. It hes an eminent faculty of scientific men, a splendid body of students and alumni, a great equipment, and an outstanding boad of directors to determine its policies; it is all prepared to begin to make use of these additional funds.

Almost the entire attention of educators hae been thus far devoted to the white race but we have more than ten per cent. negro population in the United States, most of whom are densely ignorant. They constitute whet is known as the negro problem. The only hope of the negro race sad the settlement of this problem is through proper education of the Hampton-Tuskegee type, which is directed almost wholly toward making them useful citizens through education on industrial lines. These two institutions are no longer experimente. Through many years of trial they have proved their ability to turn out men and women who mostly go back to their homes and serve as centers of influence for better living. The amount of work that these institutions have been able to do in proportion to their field is small. They need a lot more money than I have offered them and I hope thet others will realize their importence and deal liberally with them. They have strong boards of trustees. This fact insures the wise expenditure of their money.

As to Rochester, the town in which I am interested above all others, we are all set now to develop our University on the broadest lines and make it one of the outstanding universities of the country. By that I do not mean one of the largest but one of the highest rank in all of the fields which it has entered. The citizens of Rochester have never shown any inclination to "lie down" on any great civic enterprise, or to "let others do it". This, I suppose, is one of the reasons that has actuated the General Education Board and other friends of the University/monow- But 0 for the fine response of our citizens in the recent University campaign I should certainly not have allotted to the University of Rochester so large a proportion of the properties which I am now distributing.

Rochester is well started on its way toward being the finest city in the world to live in and bring up families. $A_{S}$ a place to eam and spend money, to maintain health, to obtain education and recreation, it stands unrivaled. All I can see that it needs now among the fundamentals is a civic center and a modern system of municipal government. Its present system is not up to date. For years we have enjoyed about the best administration which can be obtained under this system. The system is irredeemably handicspped because sppointments to key positions have to be mede for political considerations. It $m$ ust be obvious, on this eccount if on no other, that the edministretion of city affaire cannot compare in efficiency with the administration of the great industriale in which appointments are made for metit only. One of these fundamentsl improvements which I have al uded to can probably be carried out without much if any cost to the taxpayers, and the other can be made the means of saving a great deal of money in cerrying on the city's business.
(Above to be released as an interview Rochester afternoon papers, Dec.8)

Copy of Telegram receivod December 11, 1924, from
Raymond N. Ball, Counsel for Mr. George Eastman.
"Rochester Democrat and Chroni cle will say Thursday morning statements of New York brokers regarding the recently announced sift of George Eastman of fifteen millions to educational institutions really amounts to twice that sum are based on misunderstanding of the method of giving stop Kodak securities turned over to schools were not given outright but were sold for about one half theix agtual value stop the difference between cost to beneficiaries and the actual market value represents total of Mr. Eastmans gift Mr. Eastman declared last night that it is perfectly true that the four institutions will eventually be able to hold about thirty million dollars worth of Kodak securities stop at same time he pointed out that they will have paid for this stock about fifteen million the difference between the price paid by the schools and the market price making up the sum of the gift.


## EASTMAN KODAK COMPANY

## ROCHESTER, N. Y.

December 19th, 1924.
Dr. S. W. Stratton,
Washington, D. C.,
Dear Dr. Stratton:
I am glad to receive your letter of the 17 th and to know that you are progressing steadily toward full recovery. Mr. Mors gave me good reports of you when he was here.

It would give me great pleasure to have you come up to Rochester when you get where it is perfectly convenient. In the meantime there is not much prospect of my getting to Boston, much as I would like to. I have not been down to New York but once in about seven months.

With kindest regards and best wishes, I am, Very truly yours,

January 9, 1925.

Mir. George Eisstman,
Rochester, Nen York.
Dear Mr. Esstman:
At a meeting of the Kissachusetts Institute of Iechnoloey Corporetion Mednesdzy afternoon all the acts of the Executive Cowittee, the Finance Comittee and officers in connection with the recent contract were ratifled and approved. A resolution expressing thanks was edopted unanimously by the Corporstion, of which you will receive a copy from the Secretary, if it has not alreedy beached you.

If the apprecietive commente of members of the Gorporation present hod bsen included in the resolution (os in fset many of the members reslly wished them to be) it would heve been much longer and would have been in more precise terms. In the absence of President Strstion I was acting es temporary prasiding officer and it seomed to me thet the brief and sozewhat broadly comprebeneive resolution wes at this time more aplropriate and thet you would know the reol spirit behind its formal expression. An unofficial copy is sttached hereto.

The members of the Corporation are desirous to collectively present to the Institute of Technology efportrait of you. If it is agreesble to you thet this should be done, it is the desira of the corporation to beve s portreit painter of distinction snd acknowledged capacity do the nork - and of course one who would bs satisfactory to you. No name bas been suggested, nor will any action be taken until I learn from you whether you will be good enough to consent to have your portrait painted and gront to the artist the necessary number of aittinge; thet is to say we hope, if you will permit the portrsit to be painted thet you will also be willing to heve it done from life.

It gave me much plessure to get acqueinted with Mr. Bell, Precsurer of the University of Rochester, the day we were in New York. Whilst $I$ bad get and known him before, our previous meetinge hed been briof. I now foel that I know him and have a hieh regard for his charaoter and obility.
back in Boston in another week or ten days and then after attending for a few weeks to some important business to arrange for a three weeks trip to the Tropics on one of our United Fruit bests to complete bis convalescence.

With kind regerde,
Very sincerely yours,

## Francis R. Hart

EASTMAN KODAK COMPANY
ROCHESTER, N.Y.

Mr. Francis R. H


January 12th, 1925.

Boston, Mess.,
Dear Mr. Hart:
Thank you for your letter with its enclosure.
Of course feel highly complimented by the proposition of the members of the Corporation to have a portrait painted. Any artist select od them will be satisfactory to me and I will give the necessary sittings. I only hope they will select somebody who does not take too many sittings for the job.


Mr. James P. Munroe,
Massachusetts Institute of Technology, Cambridge, Mass•,

Dear Mr. Munroe:
I enclose formal acknowledgment of the resolutions. You are quite right in assuming that I do not care for illuminated resolutions. Nothing in that line could add to my satisfaction in feeling that the money I allotted to the Institute is in such safe hands as far as its use is concerned.
Sincerely yours,

EASTAAN KODAE CONPANY
Roohester, N. Y.
Wisrch 13, 1925

Mr. F. R. Hart,
c/o 01d Colony Trust Compahy, Boston, 高ass.

My dear iar. Bart:


I had on opportunity to talk with $3 x$. Eastman briefly this moralng before he $2 f \mathrm{ft}$ for Toronto, ond gave him your message ooncerning the portrait. He seemed very pleased that there wight be even is prospect of getting this work done by John Sergent, and suid that he would be very gled to entertain hin here while the work was being done. I asked hia about going to Boeton, or wherever w. Surgent might be, and he seld thet would depend on how much time it woufd take. Wr. Betts, the one who peinted the portreit thet Mengs in the Eastaan Sohool of Music, took only fifteen sitilng hours.

I think you will agree with me thet $E$ portroit of Mr. Eustmen is likely to be more suepossiul if made in hia home onvironaent than if mede twey fromi Pechoster. Wr. Eastman was inderinite about leaving Rochester kor the purpose, merely because I could not tell him the anount of time that was likely to be consumed. If you could five him any definito informbtion regaraing this, I think he would give you $t$ very definite answer.

If I cen do unything more in this connection, pletse
commend ae.
Yours very truly,
(31gned) F. W. Lovejoy

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\text { April 3, } 1925
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## Dear Mr. Eastman:

I am sending you under separate cover a one-pound can of the butter I mentioned. I find that this is put up by Swift \& Company, but is pure creamery butter. I purchased a can at the same time and upon opening it found that it was in fairly good condition; we used it at the house for general purposes. I am not sure, however, that the can is very fresh stock. I purchased it through S. S. Pierce \& Company. The clerk could not tell me how long this particular package had been on hand, but I feel quite sure that if a supply were purchased direct from the factory just before starting, it would keop very well indeed for three or four months.

The can is very easily opened if you find the end of the little strip which serves as a seal. After the end of the strip is raised with a knife the whole strip comes off very readily leaving a smooth opening in the can with a well fitting cover.

The next time that $I$ am in Pierce's store I will in-

Mr. Eastman - 2
quire where the factory is situated. I think it is in Vermont.

With kindest regards and hoping that you will have a pleasant trip south, I remain, Yours sincerely,

Mr. George Eastman
900 East Avenue
Rochester, N. Y.

March 26, 1925.
Dear Mr. Eastman:
I have made several inquiries concerning duralimum and I find that its melting point is in the noighborhood of 650 degrees Centigrade, or 1200 degrees Fahrenheit. This would probably stand the required amount of heat with the exception of the immediate vicinity of the fire-boz. Duralimum does not cast very well, but the ordinary aluma inum copper alloy used in automobile and other work would cast very well and has about the same melting point. There is ono difficulty, however, that I had not considered, namely that all of the aluminum alloys oxidize rather rapidly at temperatures considerably below the melting point. This might prevent their use for the purpose you have in mind.

There are, no doubt, plenty of places in Rochester where you can secure the aluminum copper castings, 92 parts aluminum to 8 parts coppor, and it might be well to have a few castings made from the lid pattern and try them out. If the 92-8 aluminum copper alloy is available in skeet form, it would probably be just as good for the stove pipe and othor sheet motal parts, and would not oxidize as rapidly on account of the magnesium content of the duralimum.

With kindest regards and thanking you for your many courtesies during my visit to Rochester, I am,

Yours sincerely;

Mr. George Eastman
900 East Avenue
Rochester, $\mathbb{N}, Y$.

## EASTMAN KODAK COMPANY ROCHESTER, N. Y.

November 13 th, 1925.
Dr. Samuel W. Stratton, President, Massachusetts Institute of Technology, Cambridge, Mass.,

Dear Dr. Stratton:
Thank you very much for the two beautiful photographs of the Institute, which have arrived safely.

My trip to British Columbia was a great success in every way. Even the weather was good, which, in view of my previous two years' experience, was unexpected.

With kind regards, I am,
Sincerely yours,

# EASTMAN KODAK COMPANY 

ROCHESTER, N. Y.

November 17 th, 1925.

> Dr. Samuel W. Stratton,
> Massachusetts Institute of Technology, Cambridge, Mass.,

Dear Dr. Stratton:
During the past year I have become quite interested in the Cotsworth plan of calendar reform. I understand that you were a member of the Standardization Committee formed by the International Chamber of Commerce which approved the plan some time ago. Mr. Cotsworth is desirous of seeing you and acquainting you with his success up to date and his plans for the immediate future. If you can manage to give him a little of your time so that he can present these matters to you it will be much appreciated. He is in New York now and wants to go to Boston within the next ten days if you can see him. If you are willing to see him please let me know, and when it will be convenient for you, and I will advise him.

I am enclosing herewith the latest circular that has been published. The latest important development has been the action of all the Christian Churches agreeing on April 8 of the new calendar as the fixed date for Easter. Mr. Cotsworth hopes to get the plan ratified by the League of Nations Committee at the meeting in Geneva in January.

## SELECTING METHOD

## for

## CALENDAR REFORM

N.B.-The enclosed purple leaflet epitomizes the Defects of the Calendar, and the Proposed Remedies.




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## SELECTING METHOD for CALENDAR REFORM

## Excerpts from Report to the League of Nations Committee, etc.

By M. B. Cotsworth,
Director, International Fixed Calendar League, New York, London and Geneva.

Because it is certain that the Calendar will be revised at an early date, attention is being focussed on selecting the best method.

Consideration of the Calendar-problem by so many able minds in all leading nations, who submitted more than 100 proposals to the League of Nations Committee of Enquiry, which have been analysed, sifted and practically tested by the League of Nations Secretariat and the writer; prove beyond reasonable doubt that early International action should be taken to improve the Calendar and make it universal by effecting these simple improvements:

1st. That Easter should be permanently fixed about the 2nd Sunday in April; and its contingent movable Festivals fixed in sequence. Only the Christian one-third of humanity are affected by Easter, etc.
(This would develop about 2 per cent. of complete reform values.)

The League of Nations Enquiry proves that churches are only concerned about fixing Easter and the "Year-Day" adjustments of Sunday, also that Astronomers would be no more affected by all the proposed changes than ordinary citizens; whose government, business and social authorities will, by International Conference, decide the form of the improved Calendar.

2nd. That the best way to permanently fix each of the seven recurring week-days to their respective 52 fixed dates in every year, is to name the last yearly day "Year-Day" only, but include it as the extra day in the last week and month as an International Sabbath; and to use Leap-Day in the same way, as the extra day to end June in Leap-years.
(The insertion of these 2 days is very desirable for general convenience. They would yield about 24 per cent. of reform values.)

3rd. That, as it is impracticable to alter the length of either the day, week or year we must arrange the 52 weeks in every year into either:
(a) Thirteen weeks in each Quarter Year as 30, 30, 31-day months, with different day-names to the dates in each following month, almost as now.
Or (b) Thirteen EQUAL months, each consisting of 4 complete weeks, to equalise months and bring the same week-day names to the same 28 dates throughout every month, by uniting the last 2 weeks of June with the first 2 weeks of July to form the proposed new month of "Sol,"exactly like February, 1925.
(The first method (a) would bring about 4 per cent. of reform, but would be almost useless without "Year-Day" and "Leap-Day.")
(The second method (b) would bring about 70 per cent. of complete reform, either with or without "Year-Day" and "Leap-Day." Further, it would not arouse any religious scruple.)

## MERITS OF TYPICAL PLANS COMPARED

If "Year-Day" and "Leap-Day" are inserted, these 4 benefits would be common to both methods. Therefore, for comparing their relative merits, these 4 are excluded:

1. Throughout every year each of its 365 dates would recur on its same day of the week.
2. Yearly, Half-yearly and Quarterly events could be permanently fixed on recurring dates, and others in advance.
3. The Year's 52 weeks would be 26 in each half and 13 in each Quarter.
4. Appreciable economy would be gained in printing and circulating Calendars. But Diaries and Date-cards would be used as now.
(The 1st, 2nd and 4th benefits form the 24 per cent. of reform derivable through "Year-Day" and "Leap-Day"; to which 2 per cent. may be added as an ample estimate for the 3rd benefit.)

## ADVANTAGES OF 30, 30, 31-DAY MONTHS (Disadvantages of 28 -day months.)

1. Quarters and Half-Years would end with months.
2. Would save the Summary-part of the 13th month's accounting, also its postage and extra stationery. (The united cost of these has, per Exhibit 'C," been independently ascertained to be about one per cent. of the definitely calculable yearly savings 13 months would bring.)
3. About 25 per cent. less statistical adjustments would be required monthly during the 1st year;-but after that about the same.
(The 3 collectively would only bring about 4 per cent. of complete reform values.)
(N.B.-These three seem to be the only exclusive advantages worth recording. They would only benefit the few largest business people, who with all humanity would gain about 20 times more practical benefits through 28 -day months.

## MISLEADING ALLEGED ADVANTAGES OF 30, 30, 31-DAY MONTHS

(a) The 12 months are divisible by 2,3 , 4 and 6; but 13 is not.
(Who ever requires to divide 12 months by 3 or 6 ? Divisions by 2 and 4 are credited above in advantages 1 and 2.)
(b) Less change in custom would be required.
(Custom in calendar-use simply applies each daily date as calendared by the national authority. About 300 millions of the least changeable Asiatic, African and Eastern European races have very easily changed to the Gregorian Calendar since the Great War, BECAUSE IT IS MORE REGULARLY DEPENDABLE AND CONVENIENT, than their former calendars.

They, with all of us, used February, 1925, as the most convenient month, which is $1 / 13$ th of the year. That is the basis of the 13 -month year proposal.

They, and all the host of humanity, will more gladly change to the far greater regularity of the more convenient 13 months of 4 weeks each, because not only has about 52 per cent. of adult humanity been accustomed to the use of the 13th month their calendars intercalated near each 3rd year for Chinese, Japanese, Hindoos, Jews and vast numbers of other races, TO ADJUST LUNAR CALENDARS TO SOLAR YEARS:-but leading business, ete., organizations in the other 48 per cent. are using 13 periods of 4 -weeks each per year in increasing ratio every succeeding year, because 4 -week periods are far more convenient for this and future generations.
(c) The figuring of monthly interest charges from 5 per cent. to other rates would not be so easy for 13 -monthly periods, though exactly the same for interest computed on numbers of days.
(But for 4 -week-months all would be just and true, whereas they would not be for 30,30 , 31-day-months, as experience and charts on Exhibit "D" prove. Further, concise tables and better facilities for figuring 4 -week interests are being provided to fully compensate.)
(d) Each month would have the same number of 26 working-days.
(These some inexperienced advocates allege would be equal: whereas Saturdays in the immensely important Retail Trades generally have more than double the sales-values of other week-days. Shipping, Exports, Imports, etc., are much larger in amounts on Saturdays.)

On the other side, the productions of mines, industries, factories, etc., in the larger progressive countries are only about half the values on Saturdays of the outputs on the days from Monday to Friday, because on Saturdays they close for the afternoons.

Consequently the earnings of many workers are reduced to about half on Saturdays, while on that day their expenses are abnormally increased, as the 4th chart indicates on Exhibit "D."

Because the expenses of such workers on Saturdays and Sundays are generally about twice their expenditures for any other pair of weekdays, they would by the inadequate 30,30 and 31 -day plan find their earnings in 3rd, 6th, 9th and 12 th months only 98 per cent. of the adjoining months, but their expenses would be about 110 per cent., imposing a 12 per cent. disparity, as explained on Exhibit "D."

Department and Retail Stores closing halfdays on Wednesdays or Thursdays; on those days generally make less than half of other average-week-day's sales.

The earnings of railways, hotels, etc., average different percentages for each day of the week; while hotel, etc., general expenses and overhead charges equally burden each of these 7 weekly days.

The foregoing prove that in nearly all business and home affairs, Saturdays and Sundays have different values from other week-days. Therefore, as the 30, 30, 31-day months would respectively have 5 Mondays and Tuesdays; 5 Wednesdays and Thursdays; and 5 Fridays, Saturdays and Sundays; every one of such adjoining 12 -months would be of different business, economic, statistical and general value from its preceding month; whereas 4 -week-months would always measure the same day and week unit values up to the same dates in every month; and by the end-total for every month alike.
(e) A few weak-minded persons allege that the number 13 is "unlucky" for months. Then surely that implies that it would be 4 -times more "unlucky" to have the 13 -weeks in each Quarter of the year, which $30,30,31$-day months would bring. There is no such thing as luck in numbers.

## ADVANTAGES OF 28-DAY MONTHS

(Disadvantage of 30, 30, 31-day-months.)

1. All months would be equal; having exactly the same recurring 28 -week-days, of equal monthly calendar value.
2. The day of the week would always indicate the monthly date, which would indicate its week-day-name. Both day and date would incessantly be recorded on clocks and watches.
3. Would save time, and many now wasted costs; prevent mistakes, and avoid date-confusing worries.
4. The complete 4 weeks would exactly quarter all months, gearing weekly wages, etc., to monthly rents, accounts, ete.
5. Pay-days, markets, fairs, meetings, etc., would recur on the same monthly dates. That regularity would facilitate business and home life.
6. Each week-day would recur on its 4 FIXED monthly dates, gearing regular weekly and monthly work, payments, production, etc.
7. Accounts, drafts, etc., would never come due on Sundays.
8. Permanent monthly dates for public, business, school, law, holiday, sport, etc., affairs would be established.
9. All periods for earning and spending would be either equal, or exact multiples of each other.
10. Every month-end would coincide with the week-end; most convenient for business, rents, and general affairs.
11. Monthly balances of income and expenditure would be easier for public, commercial, financial and family life; as fractions of weeks at month-ends would cease.
12. Would release us from 5 th weekly payments for rents, wages, etc., in unequal months; adjustment of overhead charges, statistics, etc., while saving some expenses and helping progress.
13. Would enable us to instantly know the number of days between any two dates for salaries, interest and other computations; e.g., 1st month, 10 th; to 6 th month, 20 th; as $28 \times 5$ $=140$, plus 10 , would be 150 -days.
14. These months of equal length and same total week-day-values, would give great statistical advantages by truly measuring current fluctuations in government, export, import, business, scientific, health, city and home affairs, at the end of every month, without either adjustments or explanations being required from officials whose time is valuable; and without wasting the more valued time of directors anxious to promptly discern at the end of each month the true trend of business, to guide their decisions.

Statistics have become the guiding reins in all such concerns, whose leaders depend upon statistical records to ascertain the facts, upon which they decide what future action should be taken.
15. Would exactly fit Nature's revitalising 28 and 280 -day periods for motherhood.
(Women represent half of humanity.
They are confused by lunar $291 / 2$-day months and calendar 30 to 31 -day months; although their naturally indicated month of 28 -days timed all our formation and entrance into life,-which creative law intended should be regulated by its Standard month of 28 -days, as the natural multiple of the 7 -day week it helped to develop, until now universally used.)
Women specially need that 28 -day month, so important in directing home-life affairs they have to regulate through both weekly and monthly terms. They need it socially to permanently fix their "At Home Days," public and private engagements, etc.
16. Would collectively save great National, Business and Individual Values of time and money now wasted in searching for, and referring to, calendars, from which suitable days and dates have to be found for work, pay, correspondence, proposed meetings, etc., also in drafting, advertising, printing and law costs of such phrases as "Tuesday after the 1st Monday," the "2nd and 4th Fridays," ete., in Laws, Rules, Regulations, etc.

An estimate made for those values in the United States at clerk-rates, indicates a yearly saving of about $\$ 30,000,000$ in that country alone.
17. By using 13 -months of 28 -days, all monthly money-values now circulating 12 -times per year for labor, salaries, rents, pensions, etc., also for manufacturing, wholesale, retail, railway, shipping, etc., accounts would circulate

13-times per year. Therefore for each $\$ 30$ and $\$ 31$ of liquid capital now circulating in that service monthly, only $\$ 28$ would be required, as by circulating 13 -times it would do the service for which $\$ 30$ and $\$ 31$ are now (and would by 30, 30, 31-day months be) required.

The estimates thus far made of the total money-values which would be thereby released during the 1 st three months in which 28 -daymonths are used, indicate that about $\$ 2,000,000$,000 would be released for business expansion and improvements in Europe, and for all nations combined, about $\$ 5,000,000,000$.

More extensive investigations are now being made in leading nations to test those estimates, on the basis shown by Exhibit "C."

The resulting benefits to workers in lowering the cost of living, rents, interest on mortgages, city and other taxation; together with the increase in employment that would result, are indicated in my report to the Director of the International Labor Office of the League of Nations at Geneva.

They, with the above recorded benefits of 4 -week months, would bring the estimated 70 per cent. of total-value, required to achieve the full 100 per cent. obtainable by complete reform.

That would be about 20 -times more valuable than 30, 30, 31-day months can bring.

## STATISTICAL ADJUSTMENTS

That the adjustments of former statistics required to compare with 4 -week months are easy and will cost very little is proved by the fact that such great organizations as the London, Midland and Scottish Railway, comprising 40 per cent. of British Railways; The General Electric Co., employing more than 100,000 persons in the United States; all the U. S. and Canadian Meat Packing Companies; the Atlantic and Pacific Retail Grocery Co's about 12,000 chain stores; with others too numerous to mention, have found it quite easy to adjust their many former statistics for comparison, by means of such Tables as are indicated on Exhibits "A" and "B," on the basis indicated at the foot of the third of the 4 combined charts on Exhibit "D."

## Comparisons of 4-week-months will then be truer than any statistics can be for either present 30 and 31-day months, or the French proposed 30, 30 and 31-day months.

About 75 per cent. of the adjustments required to compare former statistics with those for 28 -day months would also be needed by the 30, 30, 31-day-month calendar.
WILL NOT CONFUSE PRESENT IDEAS OF MONTHS, NOR LITERARY DATE RECORDS

A glance over Exhibit "A" will serve to show how easily the slightly altered dates will blend with eurrent ideas of each month.

The first column for each month will locate all past dates to Dec. 31st in the year ending the present calendar. The 2nd columns record each corresponding date after the improved calendar begins; so that historic dates, birthdays, anniversaries, etc., will be more easily adjusted than during the Gregorian Reform 173 years ago.

## 28-DAY MONTHS WILL NOT INCREASE RENTS OR SALARIES

Rents and salaries would be equitably adjusted from 12 to 13 monthly payments by the .923 table shown on Exhibit "B." It will be included as a Schedule in the Calendar Law for each nation, so that rents and salaries will total the same sum as now for the year, by being paid for every four weeks, at 92.31 per cent. of the present monthly amounts.

## TRANSFER OF BIRTHDAYS, AND DATES FOR PAYMENT

On the front side of a card will be printed the Comparative Calendar shown on Exhibit "A," which records opposite each date in the present Calendar what the corresponding date will be in each of the new 28 -day months.

The average extent of those transfers will be only about half that experienced by the 300 millions of people in Eastern Europe, North and Western Asia, who have since the Great War changed to the Gregorian Calendar from their old Calendars.

Exhibit "B" will be printed on the back side of that Calendar-explanation-card, showing the old amounts by the hundreds heading the columns, with tens and units numbering lines down the first column, at the intersection of which with the hundreds column, the new amount is printed.

## BASIS OF OPINION

During the last four years I have been privileged to make intensive studies under the best available conditions with the ablest authorities in Europe and America concerning the need for, and all practical phases of, Calendar Reform, including the easily surmountable difficulties to be overcome.

That unique experience was greatly helped and guided by my ten years of preparation under the mature experience of Sir Sandford Fleming, the originator of Standard Time, who did the pioneer work in the leading countries of America and Europe, which resulted in the establishment of "Standard Time" in 1884. Sir Sandford (who became the first President of the International Fixed Calendar League), kept very systematic records of his experience, and developed a most desirable procedure which should be followed, as the best criterion for the establishment of Calendar Reform. Those experiences have proved invaluable and laid the basis for the following opinion:

## CONCLUSION

1. That the merits of $30,30,31$-day months are so little over those of the present Calendar, that it will not be possible to persuade the Authorities in the Nations to make that trivial change.
2. That the most important fact to be borne in mind, when considering the comparative merits of these two plans (from which the final cholce has to be made), is that the special benefits of 30, 30, 31-day months only apply to large business and government affairs, whereas the about 20 -times more valuable conveniences of 28-day months will benefit almost every individual and class of people, in every nation, every day.
3. That it seems inevitable that 28-day months of 4 -complete-weeks will be universally adopted by the International Conference of Government Representatives, which will be finally assembled as the only Authority which can definitely improve the Calendar; now that the authorities of all the great Christian Churches have agreed in principle to permanently fix the dates for Easter, Whitsuntide and all the old-time "Movable Feasts" they have moon-wandered too long, causing inconveniences and loss to all concerned.

Among the inconveniences caused by drifting Easter, etc., may be recorded the erratic fluctuations of School, College, University, Legislative, Law Courts and other "terms," Easter and Whitsuntide Holidays, etc., moon-wandered back and forth along 35 different dates in the changeable series of 69 different Gregorian year Calendars we use. Those should now be replaced by one for ordinary years, with LeapDay added in Leap-Years.

## EXHIBIT＂A＂

Ist Schedule，contrasting the twoTypical Plans to IMPROVE the CALENDAR，and adjusting dates to those proposed＂ASTRONOMICAL＂and＂INTERNATIONAL fixed CALENDARS＂
 Andrent This part shows the 13 Months＂INTERNATIONAL FIXED CALENDAR＂with ts Fixed week－day－names in the left column，for the same Fixed dates repeating every month Present dates are down the＂$G$ side of each month s column，with the international－dates down each month＇s right column，in




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## ASTRONOMERS＇PLAN

 ASTRONOMERSwithout reverting Jan 1 to Dec 22 ．

 बลनな\％た

Fich year＇s last day to be YEAR－DAY， Each year＇s last day to be Year－DAY，dated
weeks on April 7 ，Sol 14 and Sep 21，at exactly $1 / 4,1 / 2$ and 3 ）



## EXHIBIT "C"

## ESTIMATE of INITIAL MONEY that 4-WEEK-MONTHS WHL RELEASE, as ADVANTAGE 17

As an indication of the comparative amounts which the establishment of 28-day-months would release from the monthly circulations of business Liquid Assets, during January, February and March of the first new Calendar-year; the following duly certified estimate was made by their Chief Accountant for the Directors of an eminent and typical English Company, wellknown to the Secretariats of the League of

Nations Committee, and the International Chamber of Commerce, with both of whom complete copies with Company's name and address were filed in October, 1924, and duly verified.

The name of the Company is not published, as they prefer not to have their time taxed by too many enquirers, who would write them if named.
(Copy with Pounds converted into Dollars for intgernational example.).
To Moses B. Cotsworth, Esq., International Fixed Calendar League.
Dear Sir:
I estimate that:
"A" The increased efficiency of capital, due to its more rapid circulation, would cause a
reduction in our circulating assets of at least
$\$ 150,000 \quad$ Initial Capital Saving.

## This amount would immediately become

 available either for the purpose of further extensions of our business or for outside investments; and represents an annual saving, reckoning interest at 5 per cent., of.." $B$ " In add:tion to this, there would be an annual saving in Interest, due to the earlier collection of debts from customers, of approximately . . . . ......................... 2,010 Yearly.
making a Total Gross Annual Saving of . .
"C" Less-Cost of rendering

## 13th month's Statements, viz.:

Postage . . . . . . . . . . . . . . . . . . . . $\$ 85$
Stationery . . . . . . . . . . . . . . . . 15
Making a Total Net Annual Saving of .

These figures have been arrived at as under:
Quarterly and Half-yearly payments I have assumed would be made at the end of 13 and 26 weeks respectively:-
"A" CAPITAL SAVING.
Sundry Debtors . ........................... Present monthly average
Less
Sundry Creditors . . ........................ Present monthly average
Add
Bank and Cash, normally, say
13) $\$ 1,802,250$ Difference,
$\$ 250,000$
Less Wages Portion. . . . . . . 100,000
Divided by $13=$
$\$ 138,655$
13) $\$ 150,000$
$\$ 11,540$
11,540

- $\mathbf{1 5 0 , 1 9 5}$ Total
"B" INTEREST SAVING DUE TO EARLIER COLLECTION OF CUSTOMERS' ACCOUNTS, ETC.
Annual "net" Sales
Less
Payments to Sundry Creditors
Balance
$\$ 5,875,000$
$21 / 2$ days' Interest at 5 per cent. per annum on $\$ 5,875,000=\$ 2,010$ Total.
Representing:-
Profit.
Weekly Wages this month.
Stamps.
Depreciation Charges
Rates.
Gas and Electricity.
Water.
Rents.
Quarterly, Half-yearly and Yearly Payments
Interest and Bank Commission.
Insurance.
Pension Fund Contribution.
The above are only the readily calculable savings to our own business, but I feel sure that the universal adoption of the 4 -weeks-calendar would bring very large incalculable ones to mankind generally. Wishing you every success, Believe me, Yours faithfully,
(Signed by) CHIEF ACCOUNTANT.

Manufacturers. Because th's monthly credit giving manufacturing company employs 7,000 people, their estimate " A " indicates that for their trade about $\$ 21.43$ per employee would during the 1 st 4 -week-month be released for business expansion, from two sources:
(a) The $21 / 2$-days more wages now paid in average months before their customers now pay accounts for goods sold in alternate 30 and 31-day-months.
(b) The $21 / 2$ days more margin of capital now circulating each $30 / 31$ days in materials and manufactured stock in hand on December 31st ending the present calendar.

Retailers by having to pay accounts each 28 th day, will seldom be deprived of appreciable interest, as they rarely received bank interest on their small balances for those $21 / 2$ days average difference.

They will derive more value from the quicker and more even circulation of their money through 28 -day months, proportionately reducing bad debts, the initial month's rent, etc., while making monthly balancing of accounts easier, showing true profits and the actual trend of business.

Workers now paying monthly rents, accounts, etc., will at the end of the first 4 -week-month derive their share of the initial Cash-Release, through the fact that their monthly rents and accounts will be reduced 8 per cent. to 92 cents per dollar now paid, as per Exhibit "B," as this example proves without calculation.

A worker paid $\$ 365$ per year by monthly instalments according to the days in each month, receives $\$ 31$ for December which now meets his needs for the 31 days of January. But the first 4 -week-month will bring him $\$ 28$ on January 28 th, when $\$ 28$ only have been spent. On that day he would have $\$ 3$ balance released, or $\$ 9.84$ per $\$ 100$ he pays monthly.

Workers also would benefit by increased work, etc., that collective Cash-Release would bring in all nations, reducing interest rates for building homes, mortgages, rents and several factors in the cost of living.

Bankers will not lose on those trivial time differences, averaging less than $3 / 4$ per cent. of the year for interest on small retailers' balances.

They will be more than compensated by the new benefits 28 -day-months will bring to them:

1. By increased and more regular circulation of money.
2. Greater security of their Assets and Interest accruing.
*3. Surer control of debtor customers' more regular balances.
3. Reduction of Bad Debts.
4. The Bankers' share of the initial CashRelease, etc.
*The 3rd benefit to Bank Companies will enable bank managers to require lagging customers to prove true balances each month-end. The old excuses re parts of weeks overlapping, 5th weeks wages, etc., will become untenable.

Governments would benefit:

1. By their public share of the Cash-Release through the more rapid and regular monthly circulation of Treasury money and credits.
2. More Revenues from Customs, Excise, Income Tax, etc., from the resulting increased national prosperity.
3. The 8.3 per cent. increase in Post Office revenues from the 13 th month's postages on monthly accounts, statements, magazines, etc., without any increase in costs, as those equal circulations every 4 -weeks would by regularity be easier for all.
4. Savings on statistical work, research, investigations, printing of calendars, proclamations etc., would be large.
The International Benefits which would result from the universal use of 4 -week-months with week-days, festivals, fairs, holidays, etc., fixed to dates, would be of great reciprocal value between all nations, as indicated by the 3 or 4 different calendars used locally in Constantinople, Cairo and many cities in Asia. The advantages are so obvious, numerous and farreaching in their beneficial rsults for nearly all purposes, that they need not be recorded here, beyond the initial release of the above-mentioned money-values, during use of the 1st 3 -months of 4 -weeks each, which it is estimated will simultaneously release from $\$ 3,000,000,000$ to $\$ 5,000,000,000$ for business expansion throughout all nations, as per example on preceding page.

The improved Calendar will automatically distribute the true amount among the nations and individuals in equitable proportions, without the possibility of any wrangling as to their respective shares. The resulting benefits in mutually encouraging trade will be large.

## BASIS to ESTIMATE the AMOUNT of LIQUID ASSETS, the 1st THREE 4-WEEK-MONTHS <br> WILL RELEASE for BUSINESS EXPANSION in <br> CITY.

(To be numbered before sent to members.)
Progressive Number

1. Trade nature of the business?
(Whether flour-mill, saw-mill, clothing factory, etc.?)
Whether manufacturing, wholesale, jobbing or retail?
Total number of persons employed?
Only if wages paid $1 / 2-$ monthly or monthly, record the average total per month? \$
Average number of monthly statements mailed to customers?
Average month's total of a/c's charged to customers? \$.
6a. Whether monthly credit allowed, or 30,60 or 90 days?
2. Average month's total of a/e's payable to creditors?

7a. Whether monthly credit taken, or 30,60 or 90 days?
equal months each year, in 28 -day-
8. 13 weeks each quarter-year in $30,30,31$ - or, 13 equal months each year, in 28-dayday months.
9. The "Year-Day" on New Year Day, as months, 4 weeks long?

January " 0 ," preceding January 1st,
10. The "Leap-Day" on February 29th as an International Day, when Northern Hemisphere weather is about worst for a holiday,
or, on December 29 th ending the year, included as the extra Sunday in the 52 nd week?
or, Moved to be June 29th, when the weather is best for the nearly 95 per cent. of humanity in the Northern Hemisphere?

All answers will be treated in confidence, and only used as gross collective groups of totals, to estimate the amount of money in the business monthly circulation that would be released for business expansion or investment (without any call for more capital), by the establishment of Equal Caledar-months of 4 -weeks each.

No. 5 is needed to estimate the cost of the extra postage and stationery the 13 th month would require for mailing that proposed extra month's statements, which will only cost about one per cent. of the average yearly savings which 4 -week-months will bring, as per Exhibit "C," par "C." Initials of the business-authority certifying the above answers.

## CALENDAR-CAUSED DEFLECTIONS

 IN MONTHLY STATISTICS ForTIME, U.S.A. WAGES ANDPRODUCTION; 1



INADEQUATE ALTERNATIVE PROPOSAL BY FRENCH ASTRONOMERS,SHOWING IT'S INEQUALITIES IN MONTHLY EARNING AND SPENDING TIMES, FOR WORKERS RESTING SUNDAYS AND $\frac{1}{2}$ of SATURDAYS.

## UNEQUAL 30-30-31-DAY MONTHS

| IN EACH $\frac{1}{4}$ YEAR, AS JAN 30 FEB 30 MAR. 31 |
| :--- |
| DAYS. 30 |

TO KEEP THE COMPARISONS TRUE. THE CHARTS ARE ALL BASED UPON AN ASSURRED CONSTANT PRODUCTION FROM 5 5 $/ 2$-DAAS WORKED PER WEEK,
ALL SUCH DEFLECTIOHS ARE INHERENT IN PRESENT MONTHLY STATISTICS UNLESS DERIVED FROM MONTHS 4 -WEEKS LONG, LIKE FEBRUARY, 1925 ,
ALL SUCH DEFLECTIOHS ARE INHERENT IN PRESENT MONTHLY STATISTICS, UNLESS DERIVED FROM MONTHS 4 -WEEKS LONG, LIKE FEBRUARY. 1925.

## CALENDAR-CAUSED DEFLECTIONS IN STATISTICS

1st. The monthly Index of Manufacturing Production issued by the United States Government, is one of the most elaborately prepared and widest used results of regular statistical investigations known. Yet, because the Gregorian Calendar, used by the manufacturers working $51 / 2$ days per week of 44 hours, brought 192 hours for production in November, 1923, but only 180 hours into November, 1924 -that U. S. A. Index-relative was published as 113 for November, 1923, and only 110 for November, 1924; the latter showing an apparent Reduction of 3 points.

In reality there was an increase of 4 points, as the following arithmetical adjustment proves, through November, 1923, having 5th Thursdays and Fridays yielding 16 hours for work, against November, 1924, having only 5th Saturdays and Sundays, allowing but 4 working hours beyond the 4 full weeks of 44 hours each, totalling 176 hours as the basis for testing true comparisons of production progress:-

As 180 hours in 1924, were to 192 hours in 1923; so should the 110 points indicated by the unadjusted tabulated totals for 1924 be to $(192 \times 110) \div 180$, yielding 117 points as the true comparative Index; according to the working hours available in factories working regular weekly hours.

That is evident where regular units of production per hour were collectively maintained. But in those cases, as also for individual factories working over-time, or short-time; worldwide extra work at statistical adjustments are imposed by the present Calendar, upon those who strive to find the true monthly trend of business.

Such difficulties and extra work would be abolished by use of 4-week-months.

2nd. To fairly test the comparative business effects of the Present Unequal Calendar Months, against those of the proposed 4-weekmonths, we take the case of a factory regularly producing the same quantity of goods per working hour from August 1 st to December 31st, 1924; to prove that its monthly comparative production would be August, 100 ; September, 102; October, 106; November, 96, and December, 106 per cent. of August; thereby calendarcausing a misleading DECREASE of 10 per cent. in November, and permeating business statistics with 4 different ratios of deflections, inherent in those monthly totals.

Further, please note that manufacturers who paid their weekly wages on Saturdays, had to provide 5 weekly pays in each of the two least productive months of August, 100, and November, 96 per cent., while giving monthly credits for the goods they sold.

In other lines of business, such as Railways and Hotels, the different values of the respective week-days show different monthly deflections caused by the calendar.

For example, Horwath \& Horwath, the eminent accountants for very many American hotels, estimate that for room-sales Mondays average 17 per cent., Tuesdays 17 per cent., Wednesdays 18 per cent., Thursdays 18 per cent., Fridays 12 per cent., Saturdays 10 per cent., and Sundays 8 per cent.

On that basis a $\$ 10,000$ per week hotel in 1925, April would average $\$ 1,453.33$ per day; whereas May with 1 day longer and $\$ 10$ more per day received, would only average $\$ 1,397.10$ per day; because the 5 th Wednesday and Thursday in April were worth $\$ 3,600$; whereas the 5 th Friday, Saturday and Sunday ending May were only worth $\$ 3,030$.

## EXHIBIT "D"-(Continued)-AND THREE QUESTIONS TO ANSWER

The total room-sales for May were $\$ 290$ less, and the average-daily-sales were $\$ 56.23$ less than in April-All those differences were entirely caused by irregularities in the changing Gregorian Calendar, which in the year 1924 indicated August as 100 , September 101, October 104, November 97 and December 105 per cent. of August, on the basis that weekly sales were exactly equal throughout those 5 months.

3rd. The proposed 4-week-months to begin the year 1928 , would show the true 100 per cent. production from August 1st to December 28th, and by that always equal multiple of 4 times the universal week, would always record the true ratios of actual increases and decreases in production, business affairs and home expenses

4 th. The inadequate proposal by French Astronomers would not provide the equal monthly number of work-day values they mis-
leadingly allege; but impose upon $51 / 2$-days per week workers, in each $3 \mathrm{rd}, 6 \mathrm{th}, 9$ th and 12 th month, 2 per cent. DECREASE in earnings, against 10 per cent. INCREASE in Expendi-tures-totalling a disparity of 12 per cent.

That is because those months would include both a 5 th Saturday and a 5th Sunday, during which such workers would only earn on onehalf of Saturday; but their expenitures on those 2 days generally average about twice the amount expended on any other 2 days of the week, through week-end costs of family requirements, recreation, trade-union, church, club, etc., contributions, and other weekly charges.

Those costs would, by the French proposal, be made much harder for workers to bear, than under 4-week-months;-especially when they accrue at the month-end, when rents, insurance, hire and purchase of furniture, etc., with other monthly payments become due.

## COMPARISON OF QUARTERLY AND MONTHLY ACCOUNTINGS

Calendar Revision will expedite weekly and monthly accounting during the usual 21 -ends of months each year when the week does not begin or end the month, as it only does about 3 times yearly; vide the Chart inside the purple leaflet.

To facilitate consideration, it seems advisable to record, that, after extensive enquiries from different Nationalities and wide investigation, bearing in mind that numberless accounts, rents, servants, clerks, and others are paid
monthly, and that all nations need an equal monthly measure, the writer has derived this world-wide Estimate of the approximate number of Monthly and Weekly transactions when compared with the number of Quarterly accounts represented by the unitl 1 , to find a fair basis for comparison, when compounded upon this population basis for the 2 groups of 494 and 1370 millions of people in the world's $1,864,000,000$ population:
(a) The 494 millions in Commercial Nations, for 1 Quarterly account, use about...........................600 Monthly and 7,500 Weekly
(b) The 1,370 millions in other Nations, for 1 Quarterly account, use about.
1.500 Monthly and 2,500 Weekly
(c) The 1,864 millions, when fairly compounded, average

1 Quarterly, against.
1,260 Monthly and 3,830 Weekly
(d) By Computing 3 months, and 13 weeks per Quarter, we derive for each Quarterly account.

3,780 Monthly and 49,790 Weekly

Those comparative numbers show that while Quarterly and Half Yearly accountings are useful, monthly accountings are about $\mathbf{3 , 7 8 0}$ times more frequent than Quarterly accounts, and, col-
lectively, many hundred times more important.

The most valuable benefits of Calendar Reform depend upon equal-months beginning and ending with the week.

## HOW YOU CAN HELP, NOW

You can give effective help by writing quadruplicate copies of the same letter to:

1. The Secretary Calendar Committee of Enquiry, League of Nations, Geneva,
2. Your Nation's Secretary for Foreign Affairs;
3. The Secretary, International Chamber of Commerce, Paris; and
4. The Secretary, International Fixed Calendar League, c/o B. I. T., Geneva;
recording your official position, or profession and the number of members working in your organization; also whether you prefer:-

## QUESTIONS

1st. 13 weeks each quarter-year in $30,30,31-$ day months,
2nd. The "Year-Day" on New Year Day, as January " 0 ," preceding January 1st,
3rd. The "Leap-Day" on February 29th as an International Day, when Northern Hemisphere weather is about its worst for a holiday,
or, 13 equal months each year, in 28-daymonths, 4 weeks long?
or, on December 29th ending the year, included as the extra Sunday in the 52 nd week?
or, Moved to be June 29 th, when the weather is best for the nearly 95 per cent. of humanity in the Northern Hemisphere?

It is most desirable that the League of Nations should receive your reply early to those 3 questions.

Submitted by M. B. COTSWORTH, Director, INTERNATIONAL FIXED CALENDAR LEAGUE.
1 Regent St., LONDON, S. W. 1; for Europe;
1234 Broadway, NEW YORK; for North and South America;
and $\mathrm{c} / \mathrm{o}$ B. I. T., at GENEVA; for Asia, Africa, International Organizations, and Records.

## November 19, 1925.

## Dear Mr. Eastman:

I beg to acknowledge the receipt of your
letter of November 17 th in reference to Mr. Cotsworth. In reply I would say that I shall be pleased to see him in Boston st any time convenient to him. I saw considerable of him in Washington, and will be interested to know what progress he has made with his calendar. I have read the circular you enclosed with interest.

$$
\begin{aligned}
& \text { With kindest regards, I remain, } \\
& \text { Yours sincerely, }
\end{aligned}
$$

Mr. George Esztman
900 East Avenue
Rochester, N. Y.

Mr. Francis R. Hart, c/o Old Colony Trust Co., 17 Court Street, Boston, Mass.

My dear Mr. Hart:
At iir. Webster's request we are writing the following short biographical sketch of Mr. Philip A. de Laszlo, M.V.O., whose portraits we have shown and for whom we are taking orders.

Born at Buds-Pesth in 1869 he studied in the Industrial Art School of thet city end eventusliy became a student in the Netionsl Drawing School where he gained a State Scholarship. He developed rapidly at ilunich under Liezenmayer which was followed by work at Julian's Aesdemy under Lefebre and Constant. Barely twenty-four he was beginning to receive official commiseions for portraits of notable poople.

He has geined gold meds?s at ifunich, Dusseldorf, Venice, Barcelona and St. Louis; diploma of honcr at the Amsterdam Exhibition, lerge gold medal of Hungary and Austris, gold plaque of the Neticnal Salon of Art at Buds-Pesth; gold medal, Paris Salon; large gold medel of the Salon in 1900; Knighthood of the Legion of Honour in 1904; associate of the Milan, Brussels and iadrid Academies and of the Societe Nationale des Besux Arts, besides being decorated in most of the countries and 8 tates of Burope, end in 1912 he was ennobled by the Emperor of Austriz-Hungary. He is a British citizen and a Member of the Victorien Order.

A list of his sitters reads like on internationel "\$ho's who". At
Mr. Websters suggestion we mention some picked at rendom.

Theodore Roosevelt
Warren G. Harding
Welter Hines Page
Ambassador Herriok
Hon. ETinu Root
Gen. John J, Pershing

Comte Jean de Oastellene
Pope Leo X111
Count Berchtold
The Crand Duke of Hesse
The Viscount, 到ilton
The Viscount Castlereagh

King Edward VII
Prince Carolath - Beuthen

```
The late Earl of Minto
Alfonso of Spain
```

and Rt. Hon. Austen Chamberlain.
We have mentioned only men's portraits as being of most interest to
you.
At present we have the portrait of $\bar{x}$ s. Louis A. Frothingham and wis. Oliver Ames and shall shortly have others inf. do Lasso has about completed.

We shell be most pleased to show them to you or give you further information regarding this artist or his works.

Very truly yours, Doll \& Richards, Inc.
(Signed) A. G. WikKesn


November 23， 1925.

## Deer Billy：

President Stretton，Wyexut－Morss end I heve been giving some serious consideretion to de Leszlo，who as you probsbly know is now in this country．At the moment he is morking on es portreit of one of Med Websteris deughters end is leter to pgint e portruit of Ned himself．The enclosed copy of a letter from Doll \＆fichexis，who a short time seo had an exhibition of de Lssalo，gives a list of some of the portreits which he hes painted．

Another men to whom heve given consideration is Ernest Ipsea Who hes been peinting e portreit in Rochestet of s friend of Mr．Bestmen end who， whilst there，hss met and seen something of Mr．Sestian and perhaps acyuired e knowledge of his personelity which other peinters mey not et any rete es yet heve． I eaclose a list of rocent men whose portreits Ipsen hes peinted．I am more femilier sith his portreits of women but I heve been told thst those of Foot and boree are perticulsrly fine．It will of course be easy to gt sn opinion ebout the Bleshfield portrit．

If it is sgreeable toryou，President Stratton，Morss end I will be setisfied to suggest the nemes of de Leszlo end Ipsen to Mr．Bestman and esk hia which，if either，will be agreeeble to him，or whether since I lsst heerc from him he has any suggestion himself to make．There are probably e hsif \＆dozen other nsmes vis could just as appropriately suggest es Ipsen＇s，but there seems e perticuler resson for getting the opinion of 道r．Lestasn on Ipsen＇s work for the esson that 1 rr．Bestmen has just not only met hin but eeen his work at close renge．Our inclinetions ore tovande de lesslo but we feel thet re．Bestmen ought to be eiven the choice．

## Sincerely yours，

```
\r. Williem Endicott,
    Messrs. Kidder Peebory & Co.,
                                    Boston, 戠㴔chusetts.
```

E. L. IPSEN

119 Eist 18 th Street,
New York City

```
Hon. Elihu Root
President of The Century Associstion
    (Property of) New York
Mr. Edwin Howland Blashfield
President of the Netional Academy of Design
    (Property of) New York
    Mr. L. P. Loree
    President Delaware & Hudson RiverR. R.
    Trustee Rutgers College
        (Property of) New Brunswick, N.J.
Mr. Herry Bates Theyer
Former President American Tol. & Tel. Co.
        (Property of) New York.
Mr. Thomas %. Slocum
President Hervard O`ub
        (Property of) New York
Mr. John G. Agar
President National Arts Club
    (Property of) New York
The late Mir. John Lane, Publisher
    London England
    (Property, Mrs. Lene)
Judge Abrem Elkus
    (Court of Appes is, Albeny, N.Y.
        Regents Hall " " (2 Portraits)
The leto Judge Morris II. Seymour
    President Board of Trustees
        Motchlies School, Lakeville, Conn.
        (Property of)
Dr. Lorraine S. Huburt
    Prof. of mathemstics
        Jobn Hopkins, University, Beltimore, Md. (Property of)
The late Dr. Weurice Frencis Egen
    Former Minister to Denmark
        Presented to the King snd Queen of Denmark
Former Governor now U. S. Senator li&)ter u. Edge, N.J.
    State House, Trenion, New Joreey.
Fcrmer Governor James F. Fielder, State House, Trenton, New Jersey.
```

```
Mr. Justice Charles Nolcott Parker,
    Supreme Court, liew Jersey
The late Nillism J. Magie
        Chancellor of New Jersey
        State House, Trenton, N.J.
The late Dr. Benjamin B. Narfield
    Prof. Theology
        Seminary Hall, Princeton, N.J.
The late Hon. Elon R. Brom
        Speaker - Senstor New York State
Dr. Joseph H. Apple
        President Hood College
            Frederick, 滑.
Former Msyor Charles S. Ashley
        New Bedford, Mass.
            Municipel Building.
Mr. E. D. Maynard
    *Former President Brooklyn Sevings
    Now President " Trust Co.
    *Property of Brooklyn, N.Y.
Mrs. Annie Nathen Meyer
    Trustee of Barnard College
        lProperty of) New York
The late Brigadier General Caleb H. Carlton U. S. Army
```

November 25, 1925.

## Min. George Eastman, <br> Dear Mr. Eastman: <br> 

Referring to your letter of the 28 rd , it will give me much pleasure to talk with Mrs. Press when she es ils and I hope to be of any assistance to her of which I em capable.

When your lefter ouse in I voes about to write you concerning the portrait of you which it is the wish and intention of the Members of the Corporation to present to the Institute. You will remember they we hod hoped to get the late Mr. John Sargent to do the portrait and since his death we how been continually searching for one who night be described as the "next best" man. Would it be agreeable to you to here the portrait pointed by Mr. de Leszlo, a memorandum concerning whom I am attaching to this letter. He is now painting E number of portraits in Boston, including one of the daughter of ir. E.S. Webster of our Executive Committee and is Inter to paint a portrait of Mrs. William Endicott (of our Corporation and Finance Cominttee). He hes a number of appointments shed for both reshington nd Nev York end I em doubtful as to his being able to go to Rochester. He have become so convinced, however, the Mfr. DeLeszlo is the right men to paint your portrait the I venture to sis whether you would be willing to go to for York for the necessary sitting. I In told that Mr . deLasslo is like the late $\begin{aligned} & \text { inc. Sargent a rapid worker end }\end{aligned}$ that not many sittings are re ul red.

As the first desire of the Committee is that the painter should be one approved by you we have not jot mede bony arrangement with Mr. de Laszlo and do not know positively that he cannot pepaueded to go to Rochester and before discussing the wetter fAith him would like to know whether his selection will meet with your approval and also whether you Gould arrange the sittings.

Another man to whom the Committee hae given same consideration is $\mathrm{Il}_{\mathrm{r}}$. Ernest Ipsen, who by the way has Recently been in Rochester, to paint one or more portraits. I also enclose a memorandum in reference to his recent work.

With kind regards,


Dr. S. W. Stratton,<br>Massachusetts Institute of Technology, Cambridge, Wassachusetts.



Jenusry $20,1928$.
isp. Ceorge Lastman,
Fochester, Fex Iork.
Deer Kr. Eectmas:

frough a letter from to de Lasalo to wr. Mobistar, I heve learaed your friond would lite to beve the portrait of you which ${ }^{3} \mathrm{r}$. de lessic is about to finish in Rechestur remsin thers for s short time on usilulition. On behalf of Dr. Stration and the othor mombors of the Comattoie, lot me essure you that we alall be vary gled phave it remain in Rochaster for ouch a poriod 2. you think dosirable. Those to hove sem it in progress, including Dr. Stretton, are delighted with it snd I thinl it aost cosirable nat appropriate that jour friands and those of the Unfveraity of Rocheacer (kn idention 11st I feney) stould have a good opporfundty to soe it.

It wae ploasant to benr you by Prito luet nifht, whioh I dic in my own library, where I bope, as a aster of fect, I ahull one dey beve an opportunity to heer it proceding direotly frem you rather than viceriously. As a mettar of fect the reporduction was so perfeot phat, with my eyen elosed, I could heve fencied you in the roon.

Let we teke this opporparing to winh you the beet of good fox tume in your next travels which, if I remmber righthe, sre to begin before vory 10 g .
\#ith kind regards,


Francis R. Hart

$$
\text { January } 21,1926 .
$$

## Dear Mr. Eastman:

It was very kind of you to consent. to talk at our radio bencuet the other evening. Every alumnus of the Institute must have been intensely pleased with your statement which was one of the rinest expression of appreciation that the Institute has ever had. Our audience at the Institute consisted almost entirely of students. I wish you could have had the pleasure of seeing their faces while you were speaking. They are a fine lot of seriousminded young men, and your statement concerning the work of the gracuates of the institution was the best encouragement they could possibly have tian.

I wish we might have the pleasure of a visit from you before you go to Africa. I know that you are extremely busy, but nothing rould please us more than to hee youihere. I could make you very comfrotable at the presicent's House, and there need be no publicity whatever if that is your desire. I would like to have you meet the resident members of the Corporation and their wives at dinner, also to spend a morning or an afiternoon in lookIng over the Institiste. The students would be delighted to see you. We could get them together for a short time if it suited your convenience; there would be no speech making.
$3_{r}$. Eastman -2 .


#### Abstract

Has Mr. deLaszlo finished the portrait, and if so, how do you like it? When I saw it last the details were not complete, but I thought it was a remarkably good portrait.

With kindest regards and again thanking you for your interest in the alumni program, I remain, Yours sincerely,


## Mr. George Eastman

800 East Avenue
Rochester, N. Y.

## EASTMAN KODAK COMPANY

ROCHESTER, N. Y.

January 28th, 1926.
Dr. Samuel W. Stratton,
Cambridge, Mass.,
Dear Dr. Stratton:
I would like very much to accept your most attractive invitation to visit you but doubt very much whether I can work it in before I go away. It is also doubtful whether I would care to face the students. I think the picture will satisfy their curiosity as to what I look like. If I find there is any probability of my being able to go to Boston I will let you know a week or two in advance.

Two or three days ago I sent you photographs of the picture, made in my music room at Mr . de Laszlo's request. Everybody seems to like it much better than the one by Betts which hangs in our Music School corridor. It is now hanging in the Art Gallery in a very good place on the end wall of the west wing. I was expecting to have it sent to the Institute next Monday but Mr. de Laszlo seemed to think it ought to hang a little longer so it could be varnished before shipping. He left directions with Miss Herdle, the Director of the Gallery, and I now understand it will be shipped toward the middle or last of next week.

Yours very truly,

Jenuary 30,1926

## Dear Mr. Eastman:

I have just returned from another visit to New York, and find your letter as well as the photographs of the painting awaiting me. Mr. Webster saw the portrat at the studio it New York before it was finished and expressed himself as very much pleased with it. I am delichted with the photorraphs and an looking forward to seeing the finished portrait. We are planning to show it for the first time at the meeting of the corporstion on March 10 th.

In reference to your visit to Boston, I sincerely hope that you will find it convenient to come. I sppreciate what you say concerning the facing of students. If you come, we will have a good look through the Institute which I am sure you $=111$ enjoy, and you can meet the members of our Corporation living in Boston, at rinner, but only if that meets with your anprovel.

We all appreciate the time and trouble you have taken in connection with the portrait. Hosing that you will come to Boston, I am, with kindest regards,
Yours sincerely,

Mr. George Eastman

Massachusetts Institute of Technology Boston

Massachusetts
Gentlemen:
With the permission of Sir Philip de Laszlo his lately finished portrait of Mr. George Eastman of Rochester has been hanging for one week at The Memorial Art Gallery. We have been instructed by Mr . de Laszlo to make the shipment to you early next week as soon as the retouching varnish is thoroughly dried upon it. He asks us to protect the portrait with transit insurance to the amount of $\$ 12,000$, which we are doing, charging it to Mr. Eastman. Will you give us, please, the exact address for the express company.

Very truly yours,

HiV

February 8, 1926.

Dear Miss Herdle:
In reference to your letter of February 6th, Mr. Rastman's portrait should be sent to Dr.
S. Wtratton, President of the Massachusetts Institute of Technology, No. 111 Charles River Road, Canbridge, Massachusetts. It is being sent to his house where it will be shown first to the Corporation of the Institute before being permanently hung in the Institute buildings.
yours sincerely,

Secretary to the President
Miss Gertrude R. Herdle
Director The Memorial Art Callery
gochester, \#. Y.

## EASTMAN KODAK COMPANY ROCHESTER,N.Y.

February 18th, 1926.
Dr. Samuel W. Stratton,
Cambridge, Mass.,
Dear Dr. Stratton:
The only good picture that was made of the de Laszlo portrait was the one taken at my house, of which I sent you a copy. If it is photographed in Boston in a larger size for reproduction I will be glad if you will let me know where I can get some copies. Yours very truly,

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October 31, 1927
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Mr. George Eastman Rochester, N. Y.

Dear Mr. Eastman:
I have Just finished reading the account of your trip to Africa. While I have never been able to do much traveling of that sort, it has always been one of my fevorite subjects for reading. I know you must have enjoyed the trip greatly.

I am planning to be in the vicinity of Rochester
sometime before the holidays, and will give myself the pleasure of calling upon you if you are to be at hone at the time.

With kindest regards, I remain,
Yours sincerely,


## EASTMAN KODAK COMPANY

ROCHESTER, N.Y.

Dr. Samuel W. Stratton,
Cambridge, Mass.,
Dear Dr. Stratton:
I am leaving for North Carolina election night, expecting to be there until the 29th. Then I expect to be home until the lath of December and to sail on the 14 th for the trip to Sudan. I shall be delighted if your prospective visit to Rochester comes while I am home.

Thank you for the copy of your report which I read with as much understanding as I could muster.

With kindest regards, I am,


## November 7, 1827

Wr. George Eestman
900 East Avenue
Rochester, N. Y.
Dear Mr. Eastman:
I beg to acknowledge the receipt of your
letter of November 2d. In reply I vould say that
my trip to the west will not be in time to see
you before you leave for North Carolina. However,
I am looking forward to seeing you soon after your return.

With best wishes for a pleasant trip, I
remain,
Yours sincerely,

## November 23, 1927

Mr. George Eastman
900 Bast Avenue
Rochester, $\mathbb{N}$. $\mathbf{Y}$.
Dear Mr. Eastman:

> If it is entirely convenient to you, I
would be pleased to see you in Rochester next Sunday or Monday, December 4 th or 5th. There are two or three questions of considerable importance that I should like to discuss with you before you leave for the Sudan. I have an engagement in $N \in v$ York on Tuesday, December 6th, which. will necessitate my leaving Rochester on ilonday afternoon or evening.
Boping that you had a pleasant southern trip,

I am, with kindest regards,
Yours sincerely,


## Send the following message, subject to the terms on back hereof, which are hereby agreed to



Night Letter
Rochester, N. Y. November 30, 1227

Dr. S. W. Stratton
M. I. T., Cambridge, Mass.

Would prefer see you Sunday if you can arrange it
as all my week days are especially crowded until I go away.
Shall be glad to have you at my house if you come Sunday.
Please wire.
George Eastman

## ALL MESSAGES TAKEN BY THIS COMPANY ARE SUBJECT TO THE FOLLOWING TERMS:

To guard against mistakes or delays, the sender of a message should order it repeated, that is, telegraphed back to the originating office for comparison. For this,
 whereof it is agreed between the sender of the message and this company as follows:

1. The company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the unre-

 in the working of its lines; nor for errors in cipher or obscure messages.
2. In any event the company shall not be liable for damages for mistakes or delays in the transmission or delivery, or for the non-delivery, of any message, whether

 additional charge equal to one-tenth of one per cent of the amount by which such valuation shall exceed five thousand dollars.
 destination.
3. Messages will be delivered free within one-half mile of the company's office in towns of 5,000 population or less, and within one mile of such office in other cities
 or to contract for him for such delivery at a reasonable price.

 filed with the company for transmission
 shall be presumed, subject to rebuttal by competent evidence.
in addition to all the foregoing terms.
4. No employee of the company is authorized to vary the foregoing.

THE WESTERN UNION TELEGRAPH COMPANY
INGORPORATED
NEWCOMB CARLTON, PRESIDENT

## CLASSES OF SERVICE

## TELEGRAMS

A full-rate expedited service.

## NIGHT MESSAGES

Accepted up to 2:00 A.m. at reduced rates to be sent during the night and delivered not earlier than the morning of the ensuing business day.
Night Messages may at the option of the Telegraph Company be mailed at destination to the addressees, and the Company shall be deemed to have discharged its obligation in such cases with respect. to delivery by mailing such Night Messages at destination, postage prepaid.

## DAY LETTERS

A deferred day service at rates lower than the standard telegram rates as follows: One and one-half times the standard Night Letter rate for the transmission of 50 words or less and one-fifth of the initial rates for each additional 10 words or less.

SPECIAL TERMS APPLYiNG TO DAY Letters:
In further consideration of the reduced rate for this special Day Letter service, the following special terms in addition to those enumerated above are hereby agreed to:
A. Day Letters may be forwarded by the Telegraph Company as a deferred service and the transmission and delivery of such Day Letters is, in all respects, subordinate to the priority of transmission and delivery of regular telegrams.
B. Day Letters shall be written in plain English. Code language is not permissible.
c. This Day Letter is received subject to the express understand-
ing and agreement that the Company does not undertake that a Day Letter shall be delivered on the day of its date absolutely, and at all events; but that the Company's obligation in this respect is subject to the condition that there shall remain sufficient time for the transmission and delivery of such Day Letter on the day of its date during regular office hours, subject to the priority of the transmission of regular telegrams under the conditions named above.

No employee of the Company is authorized to vary the foregoing.

## NIGHT LETTERS

Accepted up to 2:00 A.M. for delivery on the morning of the ensuing business day, at rates still lower than standard night message rates, as follows: The standard telegram rate for 10 words shall be charged for the transmission of 50 words or less, and one-fifth of such standard telegram rate for 10 words shall be charged for each additional 10 words or less.
speclal terms applying to night letters:
In further consideration of the reduced rates for this special Night Letter service, the following special terms in addition to those enumerated above are hereby agreed to:
A. Night Letters may at the option of the Telegraph Company be mailed at destination to the addressees, and the Company shall be deemed to have discharged its obligation in such cases with respect to delivery by mailing such Night Letters at destination, postage prepaid.
B. Night Letters shall be written in plain English. Code language is not permissible.
No employee of the Company is authorized to vary the foregoing.

## EASTMAN KODAK COMPANY

ROCHESTER, NY.

$$
\text { December 6, } 927
$$

Dr. S. W. Stratton,
Massachusetts Institute of Technology, Cambridge, Massachusetts.

Dear Doctor Stratton:
I am sorry that I did not have a chance to
give you the circulars on the Model "B" Kodascope yesterday before you left. I am enclosing them with this letter and hope they will serve your purpose.


AKC.JC

## December 13, 1927

Mr. A. K. Chapman Assistant to the General Manager
Eastman Kodak Company
Rochester, IN. Y.
Dear Mr. Chapman:
Please accept my thanks for the circulars enclosed with your letter of December 3th, which I found awaiting me on my return to Cambridge. .
Yours sincerely,
President

July 18, 1928.

Dr. Samuel W. Stratton, Massachusetts Institute of Technology, Cambridge, Massachusetts.

My dear Dr. Stratton:
I should esteem it a great pleasure if you could come as my guest and spend Monday, July 30th, with me.

At that time I wish to demonstrate and make an announcement at my home of what I think is one of the most important events, along with motion pictures, in the history of photography.

III friend Thomas A. Edison, the originato of motion pictures, has accepted my invitation for the same date, and it is most fitting that he should be here.

I an asking you and a very small number of leading scientists to be with me for the occasion.

I am going to send my personal invitation to you by Colonel Solbert, whom you may know, and who can tell you something about the event.


## Dh. St ration

Office of

$$
\text { July 18, } 1928
$$

Dr. Samuel W. Stratton, Massachusetts Institute of Technology, Cambridge, Massachusetts

My dear Dr. Stratton:
I should esteem it a great pleasure if you could come as my guest and spend Monday, July 30 th, with me.

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My friend Thomas A. Edison, the originator of motion pictures, has accepted my invitation for the same date, and it is most fitting that he should be here.

I am asking you and a very small number of leading scientists to be with me for the occasion.

I am going to send my personal invitation to you by Colonel Solbert, whom you may know, and who can tell you something about the event.

Yours truly,

Geo. Eastman (Signed)
Hr. George Eastman 343 State Street Rochester, New Yor"k

My dear Mr. Eastman: -
In the absence of Dr. Stratton on an extended European tour I am acknowledging for him your invitation for July 30th.

Dr. Stratton does not expect to
return to the Institute before the midale of September, and I am sure will much regret his inability to be one of the group you are inviting for the important and most interesting event of which you write. Your letter will be Porwarded to Dr. Stratton.

> Very sincerely yours,

> For the President

FLL/K

Copy to
Dr. Stratton

## July 20, 1928

Mr. George Eastman
343 State Street Rochester, New York

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My dear Mr. Eastman:-
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In the absence of Dr. Stratton on an extended European tour I am acknowledgeing for him your invitation for July 30th.

Dr. Stratton does not expect to
return to the Institute before the middle of September, and I am sure will much regret his inability to be one of the group you are inviting for the important and most interesting event of which you write. Your letter will be forwarded to Dr. Stratton.

> Very sincerely yours,

For the President
FIJ/K

Copy to
Dr. Stratton

## EASTMAN KODAK COMPANY

ROCHESTER; N.Y.

February 7th, 1929.
Dr. Samuel W. Stratton, President, Massachusetts Institute of Technology, Boston, Mass.,

Dear Dr. Stratton:
Allow me to introduce Mr . Carl W. Ackerman, who is looking up some matters in connection with the early history of this Company. He thinks that some of the data he wants is in the possession of the Institute, so I am giving him this letter.

If you will kindly refer him to the proper sources from which to get this information I will be greatly obliged.

Hoping that I am not troubling you too much and with kind regards, I am,
Sincerely yours,

$$
\text { July } 8,1929
$$

Mr. George Eastman 343 State Street Rochester, $N$. $\Psi$.

## Dear Mr. Eastman:

I beg to acknowledge the receipt of your letter of July l st enclosing proof of a draft of the report of the National Committee on Calendar Simplification, which I shall read with great interest.

I am pleased to lear that you are a member of Mr. Edi $\operatorname{son}^{\prime}$ s Committee on the selection of the individual - to receive his scholarship. Mr. Edison has asked me to be Chairman, but has not indicated any particular method or examination by which the selection is to be made. He probably has in mind something more than the usual college entrance examination. No doubt each of the candidates selected by the State has successfully passed such entrance examinations, or could do so. Have you any suggestions as to qualifications we should attannt to ascertain ell then by written examination or personal contact?

I understand it is Mr . Foison's intention to assemble the candidates at his place in New Jersey. I will confer with him as soon as possible and ascertain what his wishes are in

Mr. Bastman - 2
this respect.
Are you spending the summer in Rochester, or do you plan to go on some expedition?

With kindest regards, I moulain, Zours sincerely,

## September 23, 1929

## Mr. George Bastman

343 State Street Rochester, $\mathbb{N} . \mathbb{I}$.

Dear Mr. Eastman:
I beg to acknowledge the receipt of your letter of September 16th with reference to the Report of the Calendar Committee. In reply I would say that I am pleased to learn that the Report has been transmitted to the League of Nations by the Secretary of State.

It is always difficult to interest the public in changes in the established customs of the people. Hence you are to be congratulated in bringing about a very wide-spread and growing interest in the calendar question.

I returned yesterday after a four-weeks trip abroad. While in London I saw an announcement of your assistance in the establishment of a dental clinic in Rome. There are perhaps few questions as important to the heal th of the rising generation as that covered by the dental clinics. They not only reach a great many people who would not othemise be cared for, but their

Mr. Bastman - 2
establishment is creating a world-wide interest in in one of the most vital factors in the health of the people.

I an very sorry to hear that Mr. Edison has been
111. I sincerely hope that it is not serious. You will be interested to know that in addition to the winner of the Edison Scholarship, two of the four who received the tuition scholarships only, are to be with us at the Institute this year.

If you contemplate coming to Boston at any time, please let me know, as I would be delighted to have you stay with me while here.

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\begin{gathered}
\text { With kindest regards, } \neq \text { remain, } \\
\text { Yours sincerely, }
\end{gathered}
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## American Institute of Chemists

OFFICE OF THE SECRETARY
2110 Woolworth Building

233 BROADWAY
NEW YORK, N. Y.

April 28, 1930

$\qquad$

Dr. Samuel W. Stratton, President Massachusetts Institute of Technology Cambridge, Massachusetts

My dear Dr. Stratton:
I am pleased to enclose, herewith, an invitation to the Award of the Medal of the American Institute of Chemists to Mr. George Eastman. for noteworthy and outstanding service to the science of chemistry and the profession of chemist in America on Saturday, May 10, 1930, at the Bellevue Stratford Hotel, at Philadelphia, Pa.

If it is impossible for you to be present upon that occasion, may I take the liberty of suggesting that you forward me a letter of appre-cation of Mr. Eastman's many sided activities in order that it may be read upon that occasion.

Trusting, however, that you will find it convenient to be present at the presentation, I am,

Yours very truly,

HS N-VFK
Enclosure



## 滕过 2, 1930

Mr. Moward S. Wetiean
American Institute of Chemists
2110 Woolworth Building
238 Broadway, New York City
Dear Mr, Neiman:
I am in receipt of your kind invitation to attend the annual eward of the Medal of the American Institute of Chemists to kr . Eastmon on Saturday, Kay 10th, and I have great pleasure in accepting.

Yours sincerely,

May 6, 1930.

## Mr. George Restman, Rochester, WTow York. <br> Dear Mr. Bastman:

This letter is boing sont to you in my capacity as General. Chairman of the June 6th and June 7th A11-4echnology Reunion, and President Riect of the Alumni Association of the Massachusetts Institute of Technology.

We should 1ike very much indeed to have you as one of our guesta of honor at this Reunion. You will remember thet Dr. Garl T. Compton is to be inaugureted as president of the Massachusetta Institute of Technology, on the firgt day of our Reunion, Friday June 6th ef 3:00 P. M. of course he, as well as all of us, will groatly appreciate the honor of your presence at thtse inauguration exeroises.

On Saturday evening June 7th, the elosing Benquet of the Rewnion will be held at the Hotel. Statler in Beston. We shovla like to heve Jou sit at the hoad toble of that Banquet with Dr. Stratton. Dr. Compton, Secretary of the Mlavy Adems, and our other distinguished guests.

Agguming you that every technology man present at the Reunion will hope for your presence also, if possible, I am

Sincerely yours,

TCD-12E.
Coneral Reunion Chairman.

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\text { Nay } 9,1920
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> Wr. H. S. Nelian
> Mremican Institute of Chemists
> Bolleme stratford fotel
> Philadelphia, Pennsylvania

Dear Hr. Yeinan:
I regret exceedingly that ciscunstanoes have arisen which make it impossible for me to attand the meeting at Which the Redal of the Ameriean Institute of Cremists will be awarded to $\begin{aligned} & \text { Gr } \\ & \text {. George }\end{aligned}$ Bastrian.

1 congratulate the Anerican Institute of Chenists in being able to awsrd thair medal to such az outstanding eltizon.
Yours sincerely,
Presidont

## Oger e $e \mathrm{Vss}$

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## May 9, 1930

Mr. George Eastman
900 Bast Avenue
Fochester, * V.
Dean Mr. Hastasn:
You have doubtless esoeived an invitaction from the Chapman of the General Reunion Cominttee to be present at the A11-2pehnolosy Alums Reunion end the Inauguration of Dr. Compton on June 6th and 7 th.

It would give as very seat pleasure to have you attend these ceremonies, and I should welcome the opportunity of having you as my guest during the time that you are in Boston. I hope very much that you will give this a invitation favorable consideration.

With kindest regards, 1 remain, Yours sincerely,

$$
\text { Hay 9, } 1930
$$

Mr. George Eastman
Care American Institute
of Chemists
Bellevue Stratford Hotel Philadelphia, Penna.

Dear Mr. Eastman:
I fully intended to be present tomorrow evening on the occasion of the Annual Award of the American Institute of Chemists ${ }^{\text {P }}$ Medal, but circumstances have arisen which make my presence here imperative. It is a real deprivation for me to be unable to join you on this important occasion.

I congratulate you on receiving this honor, and I also congratulate the American Institute of Chemists in thus showing its appreciation of your many and great contributions to Science.

With kindest regards, I remain,
Yours sincerely,

## The American Institute of Chemists

 requests the honor of your presence at the Annual Award of the American Institute of Chemists' Medal> George Eastman
for service to the science of chemistry
and the profession of chemist
on Saturday evening, the tenth of $M_{\text {lay }}$
nineteen hundred and thirty, at eight oclock
Bellevue - Strafford Hotel
Philadelphia, Pa.

May 13 th, 1930.
Dr. Samuel W• Stratton,
Cambridge, Mass.,
Dear Dr. Stratton:
Thank you very much for your invitation to come and stay with you during the inauguration of Dr . Compton. I am sorry to say that I am taking a trip to the Pacific Coast at that time and shall be on a yacht off the coast, somewhere in the vicinity of Prince Rupert. I am taking this trip in the hope of improving my health which has been more or less poor for about five months.

It would give me great pleasure to see you again and also to meet Dr. Compton.

With kindest regards, I am,
Very sincerely yours,


## EASTMAN KODAK COMPANY

ROCHESTER,N.Y.

$$
\text { July 28th, } 1930 .
$$

Dr. Samuel W. Stratton,
Cambridge, Mass.,
Dear Dr. Stratton:
On my return home from a long absence on the Pacific Coast I find your letter of May th, forwarded by the American Institute of Chemists, congratulating me on the award of their medal.

With much appreciation and many thanks, I am,
Sincerely yours,


## August 1, 1930.

George Eastman, Esq., Eastman Kodak Co., Rochester, $\mathrm{N} . \mathrm{Y}$.

Dear Sir:
I am sure Dr. Stratton will greatly
appreciate your letter of July 28th which I am
forwarding to his European address as he is abroad for the summer.

> Very truly yours,

For his information
Fire comment
for reply direct
For preparation of reply for
President's signature
further reference to

December and, 1930.

My dear Dr. Striation:

Mr. George Eastman is to be the Guest of Honor at our Genesee Society Dinner to be held at the Commodore Hotel, New York, on February 9th and as President of the Society I wish to extend to you the invitation to be one of the principal speakers on this occasion.

Dr. Rush Thees of the University of Rochester is also to be a speaker, and I trust we will have the honor and pleasure of having you with us.

With my kindest regards,
I remain,

Dr. Samuel W. Stratton, President,
Massachusetts Institute of Technology, Cambridge, Mass.

P. Willard Rich

