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Leo Baekeland Diary Volume 7, 1910

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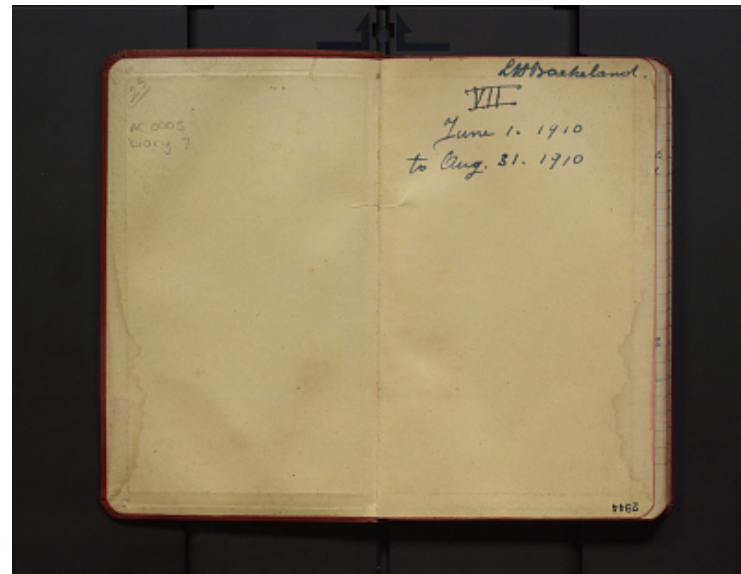
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[[book spine]] 7 June 14 1910 - Aug 31 1910 [[/book spine]]
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LH Baekeland.
VII
June 1. 1910 to Aug. 31. 1910



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1910.

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June. 1.

Busy all morning dictating. Beautiful weather. At 4P.M came
[[underline]] Swan & Wiechmann, [[/underline]] made a successful
demonstration with [[underline]] Bakelite paper. [[/underline]] made one
phonograph record which Wiechmann took along.

Drove him back home and I drove to Station afterwards went for supper
at Mouquin's. took sleeper to Niagara. Ticket

return = 17 00

sleeper 2 25

Supper. 1 50

[[Expenses?]] . \$20.75 to be charged to

[[underline]] Hooker ~~Chemical Co~~

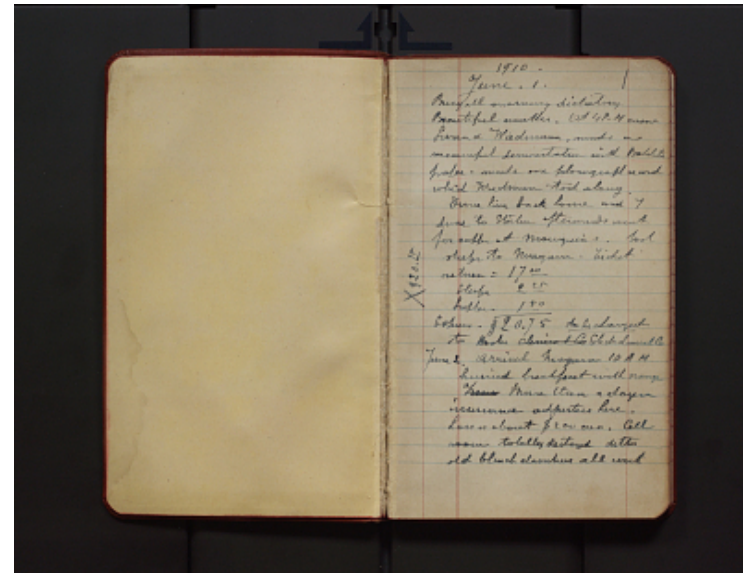
~~Electrochemical Co~~

[[margin]] X \$20. 75

[[/margin]]

June 2. Arrived Niagara 10 AM hurried breakfast with orange

~~insurance adjusters~~ More than a dozen insurance adjusters
here. Loss is about \$200
000. Cell room totally destroyed ditto old bleach chambers
all work



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stopped other building little or no damage. Townsend A.H. Hooker. S H Hooker and Willard Hooker Marsh Lansing Rowland here. My suggestion is to use Bakelite. Asbestos paper with very little solid A as diaphragm then heat so as to make porous or heat with acid and incorporate soluble pulverized materials so as to insure porosity. I intend to utilize this opportunity to instruct Riley in Yonkers in all uses of Bakelite. Busy at plant all day Evening supper at Clifton hotel with insurance men. Jolly evening went to bed about 11 P.M and slept well.

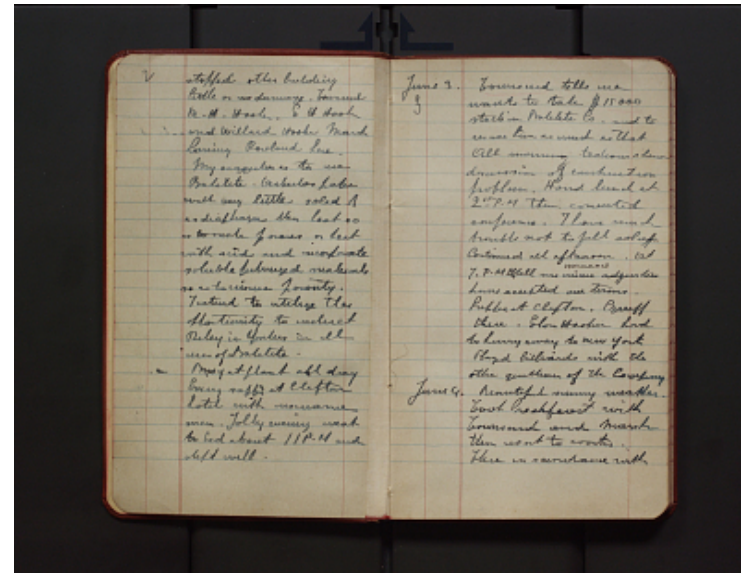
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June 3. Townsend tells me wants to take \$15000 stock in Bakelite Co. and to insure him as much as that All morning tedious slow discussion on construction problem. Hand lunch at 2 ¹⁵ P.M Then concerted conference. I have much trouble not to fall asleep. Continued all afternoon. At 7 P.M they tell me insurance adjusters have accepted our terms. Supper at Clifton. Gruff there. Elon Hooker had to hurry away to New York Played billiards with the other gentlemen of the Company

June 4. Beautiful sunny weather. Took Breakfast with Townsend and Marsh then went to works. There in accordance with



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requests of Elon Hooker ~~Townsend~~ I had preliminary session with Sperry, A. H. Hooker, Townsend and myself. to ask Sperry whether he had any connection with Gabriel cell or the interests representing same. He denied to have had anything to do and said was actually without any connection whatever. This answer seems entirely satisfactory to me. Got thru with conference relative of all at about 5 P.M. Townsend leaves. I went to Niagara Club in evening when I talked with Spurge of the Vonilten Co until midnight. Spurge says he has tried different varieties of C. Bakelite I sent him and they withstand ozone

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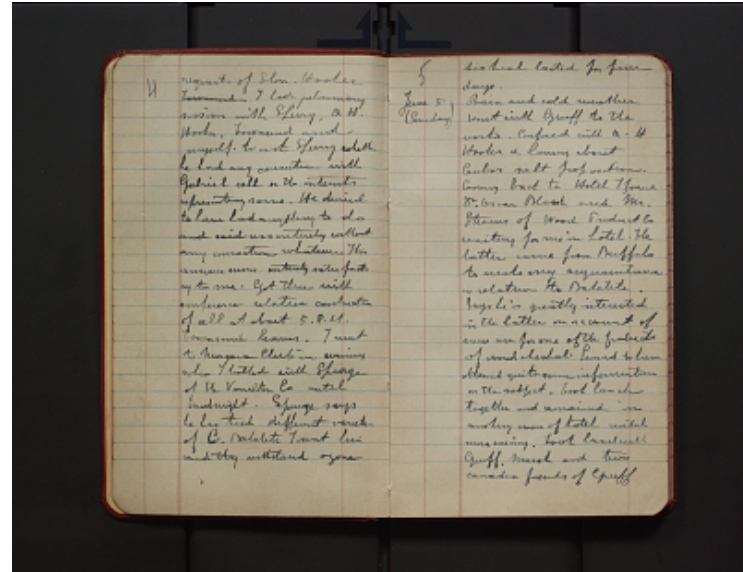
5

[[margin note]] June 5 (Sunday) [[margin note]]

His had lasted for four days.

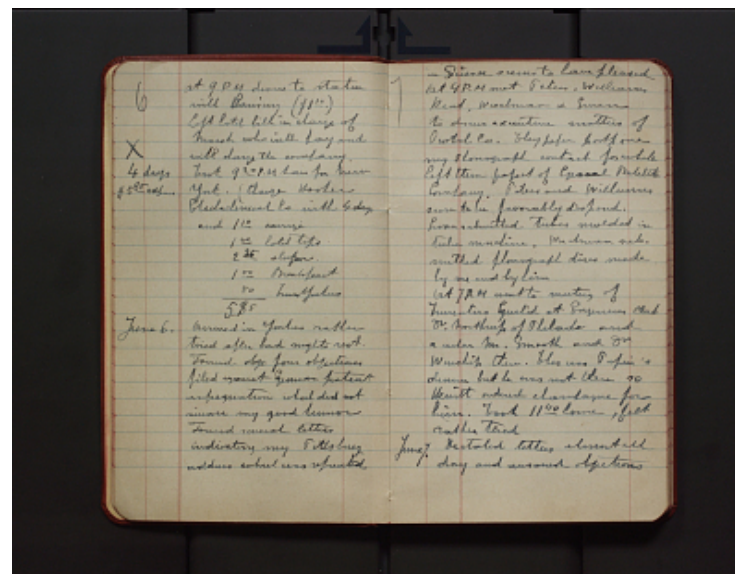
Rain and cold weather went with Gruff to the works. Confered with A. H. Hooker & Lowey about Carbon salt proportion. Coming back to Hotel I found Dr. Oscar Marsh and Mr. Stevens of Wood Product Co waiting for me in hotel. The latter came from Buffalo to make my acquaintance in relation to Bakelite. Says he is greatly interested in the latter on account of are for one of the products of wood alcohol. Seemed to have obtained quite some information on the subject. Took lunch together and remained in smoking room of hotel until evening. Took lunch with Gruff. Marsh and two Canadian friends of Gruff

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[[page start]]
 [[margin-right]]6[[/margin]]
 at 9 PM drove to station with Lansing (\$1 [[underlined]])
 10[[underlined]].) Left hotel bill in charge of Marsh who will pay and will charge the company.
 [[margin]] X 4 days \$5 [[underlined]] 85 [[underlined]] [[/margin]]
 Took 9 [[underlined]] 20 [[underlined]] P.M train for New York. (Charge Hooker Electrochemical Co with 4 days and
 1 [[underlined]] 10 [[underlined]] carriage
 1 [[underlined]] 00 [[underlined]] hotel tips
 2 [[underlined]] 25 [[underlined]] sleeper
 1 [[underlined]] 00 [[underlined]] Breakfast
 50 TransYonkers)
[[line]]
 5.85
 [[margin-right]] June 6. [[/margin]]
 Arrived in Yonkers rather tired after bad nights rest. Found ~~obje~~ four objections filed against German patent impregnation which did not increase my good humor Found several letters indicating my Pittsburg address which was reprinted
 [[end page]]
 [[start page]]
 [[margin-right]] 7 [[/margin]]
 in Science seems to have pleased
 At 4 P.M. met [[underlined]] Peters, Williams, Kent, Wiechman & Swan [[/underlined]] to discuss executive matters of [[underlined]] Protol [[/underlined]] Co. They prefer postpone my phonograph contract for awhile Left them project of [[underlined]] General Bakelite Company[[underlined]]. [[underlined]]Peters and Williams[[underlined]] seem to be favorably disposed. Swan submitted tubes molded in tube machine. Wiechman submitted [[underlined]] phonograph [[/underlined]] discs made by me and by him
 At 7 P.M went to meeting of Inventors Guild at Engineers Club Dr. Northrup of Philada and a certain Mr. [[Smooth?]] and Dr. Winship there. This was Pupin's dinner but he was not there so Hewitt ordered champagne for him. Took 11[[underlined]]40[[underlined]] home, felt rather tired.
 [[margin-right]]June 7. [[/margin]] Dictated letters almost all day and answered objections



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to my german impregnation patent. Reily arrived here from Niagara to get acquainted with method of working Bakelite for their uses
 [[margin note]] June 8. [[margin note]] Slept well and felt excellent Wrote text for american rubber patent. Riley here this morning then he went to N.Y for asbestos paper. Cogelton of Protal Co here almost all day to get acquainted with our way of working. We made some very nice flexible blacksheets with Bakelite paper; they resembled polished hard rubber sheets. Nice cool bright weather Awakened too early and could not sleep again

[[margin note]] June 9. [[margin note]] Wrote these notes early in morning. Spent morning dictating patent for preparing

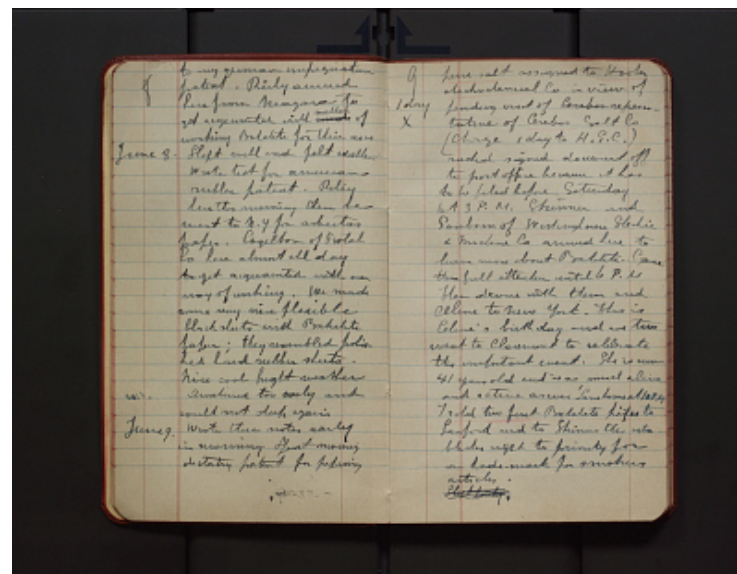
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pure salt assigned to Hooker electrochemical Co in view of pending visit of ~~Cerebos~~ representative of Cerebos Salt Co (Charge 1 day to H.E.C.) rushed signed document off to post office because it has to be filed before Saturday at 3 P.M. Skinner and Sanborn of Westinghouse Electric & Machine Co arrived here to learn more about Bakelite. Gave them full attention until 6 P.M then drove with them and Celine to New York. This is Celine's birthday and we two went to Claremont to celebrate this important event. She is now 41 years old and is as much alive and active as ever! Came home at 10 P.M

I sold two first Bakelite pipes to Sanford and to Skinner this establishes right to priority for a trade-mark for smokers articles. ~~Slept fairly~~



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June 10

[[margin]] 10 [[/margin]]

Very busy all day dictating letters. Forwarded signed documents for Sound record patent and for Canadian patents for Varnish & Food container. Drove with car to notary public. and took good supply of Bakelite paper home from May's. Since several days decided cold weather. Unusual for this time of the season.

[[margin note]] June 11. [[/margin note]]

Thurlow brought from Bridgeport some samples of wet mixed woodpulp liquid A. mixtures mixed on roller mill and rolled into plates of material that can be pressed cold where very accurate molding is not necessary. Meeting at Chemists Club for Committee of organization for 8th International congress of

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chemistry. Wiley presided. Nichols arrived late. The beginning was rather awkward because Wiley seemed nondisposed to give up his chair to Nichols. Finally after a pause he voluntarily relinquished his chair and Nichols seemed very satisfied and tried to pat him on the back.

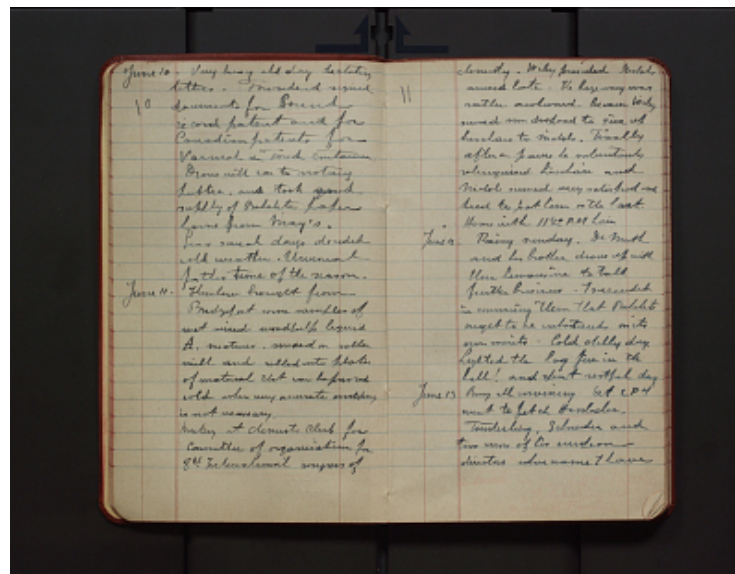
Home with 1140 P.M train

[[margin note]] June 12 [[/margin note]]

Rainy Sunday. DeMuth and his brother drove up with their Limousine to talk further business. I succeeded in convincing them that Bakelite ought to be introduced on its own merits. Cold chilly day. Lighted the log fire in the hall! and spent restful day

[[margin note]] June 13 [[/margin note]]

Busy all morning. At 2 PM went to fetch Hasslachner, Schneider and two more of his European directors whose name I have



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forgotten and our little war with these five stout Germans beside Lewis and myself had to perform hard work. Arrived at Snug Rock showed them my laboratory and all samples of my work gave them glass of port wine. Then with Dubois in car - 8 in all drove up north as far as Tarrytown, then supper then after that talked business. I grew eloquent read them my prospectus and then drove them all home to New York stayed a while at German Club then Lewis drove us back. I feel rather tired after this strenuous day and felt asleep only late.

[[margin note]]June 14[[/margin note]]

Hooker came to see me to have further advice on

[[end page]]

[[new page]]

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projected rebuilding. I fetched him at Cortland with my motor car he remained until 1230P.M

[[margin note]]1/3 X[[/margin note]]

[[?]] went with his car and Mr. Hooker. (charge 1/3 day) At 3 P.M.

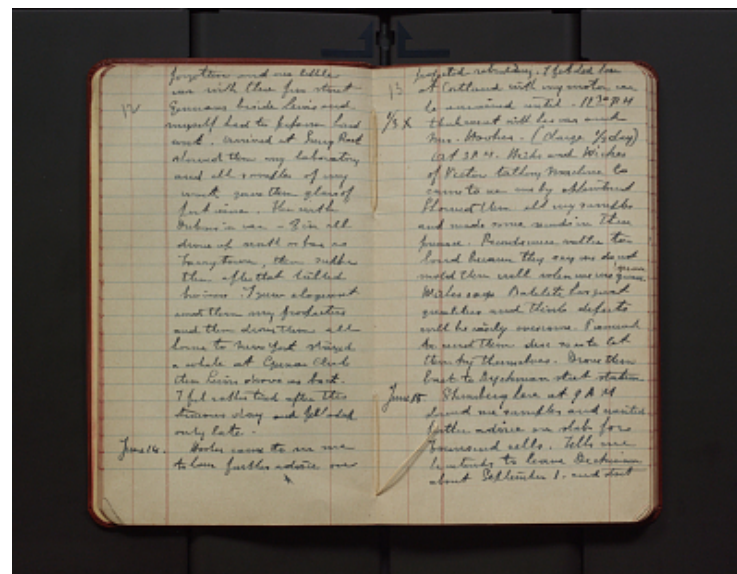
[[Hicks?]] and Wickes of Victor talking Machine Co came to see me by appointment Showed them all my samples and made some records in their presence. Records were rather too loud because they say we do not mold them well when we use grease

Wickes says Bakelite has great qualities and thinks defects will be easily overcome. Townsend to send them so as to let them try themselves. Drove them back to Dychman street station

[[margin note]]June 15. [[/margin note]]

Stermberg here at 9 AM showed me samples and wanted further advice on slab for Townsend cells. Tells me he intends to leave Dickinson about September 1. and start

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for himself. Strike of trolley lines George drove us down to 155th and I went to office of Protal Co. Met Wiechmann who tells me they have two more small orders. At 12:30 met Peters, Williams & Van Sinteren at office of William & Peters. They are entirely pleased with my draft of phonograph contract and seem to think very favorably of my project of General Bakelite Company. It looks as if everything was going to run smoothly Took lunch with them then went back to their office for a short time. Mailed power attorney for Hecht for my future patent applications Mailed Rubber compound patent. Went to office of Acheson Topeka Santa Fe road for ticket California. Warm sultry day. Caught

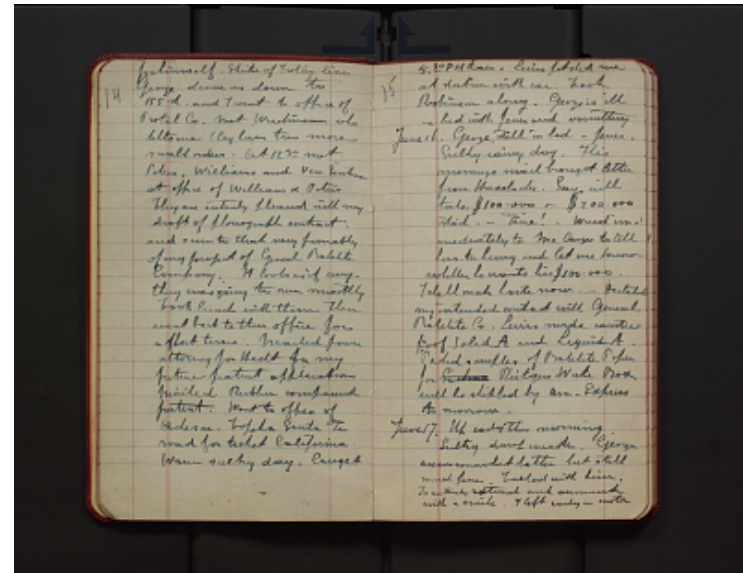
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[[margin]] 15 [[/margin]]

5 30 PM Train. Lewis fetched me at station with car. Took Robinson along. George is ill in bed with fever and vomiting. June 16. George still in bed - fever. Sultry rainy day. This mornings mail brought letter from Hasslacher. Says will take \$100,000 or \$200,000 stock. - Fine! Wired immediately to Mc Cargo to tell him to hurry and let me know whether he wants his \$100,000. I shall make haste now. Dictated my intended contract with General Bakelite Co. Lewis made caustic-proof of Solid A and Liquid A. Packed samples of Bakelite Paper for Rutgers Werke Bros will be shipped by am Express to morrow.

June 17 Up early this morning. Sultry damp weather. George seems somewhat better but still much fever. Talked with him. Is entirely rational and answered with a smile. I left early in motor



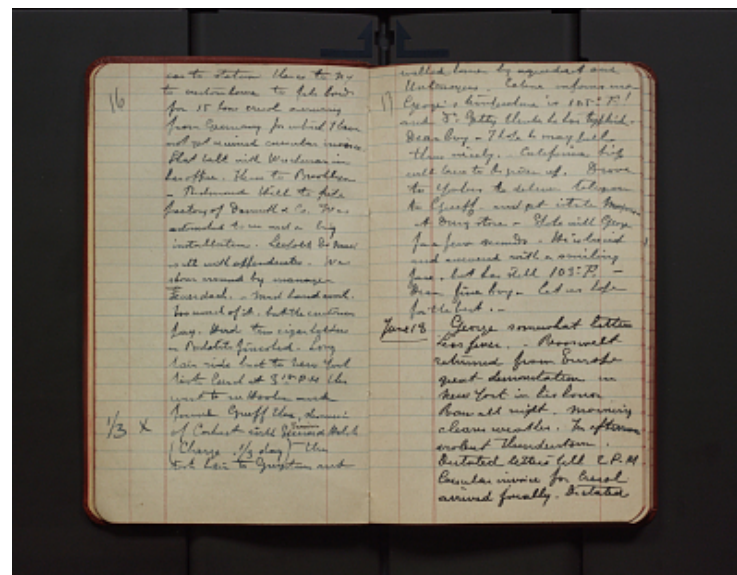
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car to station thence to NY to custom house to file bond for 15 tons cresol arriving from Germany for which I have not yet received consular invoice. Short talk with Wiechman in his office. Then to Brooklyn - Richmond Hill to pipe factory of Demuth & Co. Was astonished to see such a big installation. Leopold De Muth is ill with appendicitis Was shown around by manager Fenerdach. Much hard work. Too much of it. but the customers pay. Had ten cigar holders in Bakelite finished. Long train ride back to New York Took lunch at 3:15 P.M. then went to see Hooker and found Grieff there, discussion of Contract with Siemens Halske (Charge 1/3 day) then took train to Greystone and
[[marginal entry]] 1/3 X [[/marginal entry]]
[[end page]]
[[start page]]

17 walked home by aqueduct and Untermyers. Celine informs me George's temperature is 105F and Dr Getty thinks he has typhoid. Dear boy, I hope he may pull thru nicely. California trip will have to be given up. Drove to Yonkers to deliver telegram to Grieff and get citrate magnesium at Drug Store - Spoke with George for a few seconds. He is lucid and answered with a smiling face. but has still 103F- Dear fine boy- let us hope for the best.-

June 18 George sounded somewhat better less fever. Roosevelt returned from Europe Great demonstrations in New York in his honor. Rain all night. Morning clear weather. In afternoon violent thunderstorm. Dictated letters till 2 P.M. Consular invoice for Cresol arrived finally. Dictated



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agreement for General Bakelite Co. Slept badly last night and went to bed early

June 19. (Sunday) Warm quiet weather. George much better symptoms of typhoid disappeared- Very little fever. but still in bed. Spent quiet Sunday of rest thinking over my future agreement with General Bakelite Co. Many ~~unflesing~~ different ideas cross my mind when I think of this matter which will have great bearing on future of my inventions.

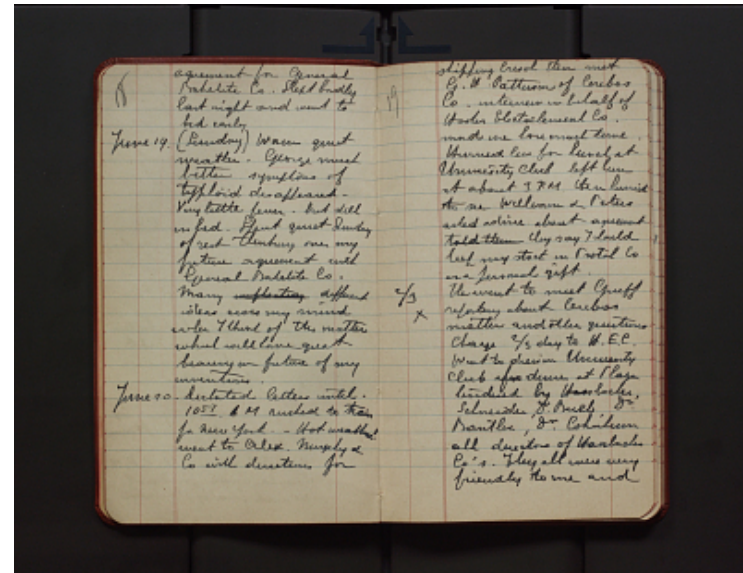
June 20. dictated letters until. 10 ⁵⁷ AM rushed to train for New York. - Hot weather. went to Alex. ~~Nugely~~ & Co with directions for

19

shipping Cresol then met G.H. Patterson of Cerebos Co. ~~interview~~ in behalf of Hooker Electrochemical Co. made me lose much time. Hurried less for lunch at University Club left him at about 3 P.M then hurried to see Williams & Peters asked advise about agreement ~~interview~~ told them they say I should keep my stock in Protal Co as a personal gift.

2/3 X

Then went to meet Gruff reporting about Cerebos matter and other questions Charge 2/3 day to H.E.C. Went to ~~interview~~ in University Club ~~interview~~ and ~~interview~~ for ~~interview~~ at Plaza ~~interview~~ by ~~interview~~, Schneider, Dr. Buel, Dr. Brantlen, Dr. Cohuleum all directors of Hanlacker Co's. They all were very friendly to me and



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showed their satisfaction at the prospect of being Bakelite stock holders. Dr. Brantlin sat next to me. Very pleasant and friendly spirit of everybody towards me. Later we drove with Mrs. Brantlin and Miss Hasslacher to Claremont in my car and finally at about 12. put Hasslacher at his house. and came home much satisfied of my day.

June 21. George out of bed but is still weak. Very hot weather. Dictated belated letters all day. Dictated current letters

[[margin note]] 1/3x [[/end margin note]]

to Hooker, Lansing Rowland etc. (Charge 1/3 day)

Bach came here with 6 P.M. train and stayed

[[end page]]

[[start page]]

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overnight. He thinks we can sell varnish at from 2.50 to 3.00 per gallon retail.

June 22.

Warm weather 96 degrees F. Bach left at 9 A.M. I dictated some letters then went with Celine

to Nina's school. Commencement. Open air performance. Very pretty, all neighbors, rich

and poor present. Made excellent impression. Background of the

Hudson. I had to leave

at 10:15 P.M. drove with motor to Cortland and arrived at Hasslacher's office at

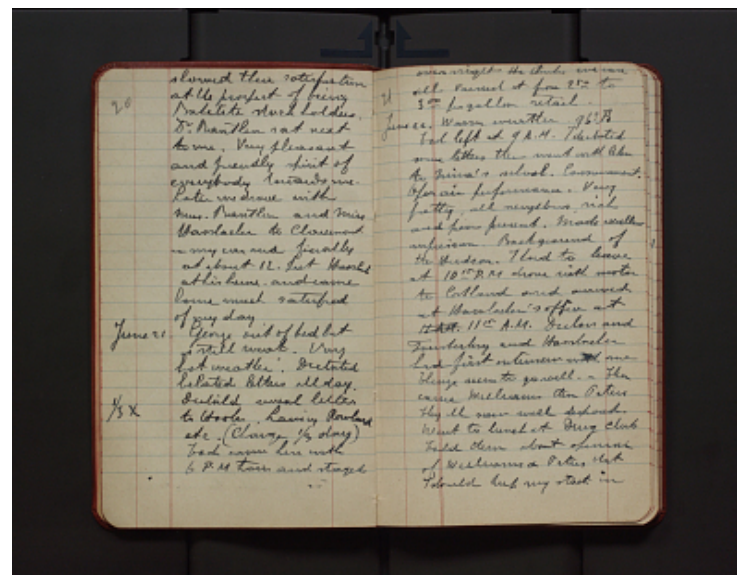
[[strickethrough]] 11 A.M. [[/strickethrough]] 11:15 A.M. [[Dulois?]] and

[[Forsterberg?]] and Hasslacher had first interview with me things seem to go well. Then came Williams then Peters they all seem

well disposed.

Went to lunch at Drury Club Told them about opinion of Williams &

Peters that I should keep my stock in



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Protol Company as a personal matter, but voluntarily I offered as a compensation to give my Japanese rights. Hamlacher thinks some provision should be made that I as controlling interest should not be able to arbitrarily change existing contracts between protal Co. and the General Bakelite Co. Everything terminates very satisfactorily. Then went to Russian Consul for legal certifying copy of any American made machine which has to be deported in Russia. Then went to Protal Co. where I met Swan. Very hot. Met Celine in hot train and drove home together. George is now again in good condition

June 23
Another very hot day.
99 F. in New York.

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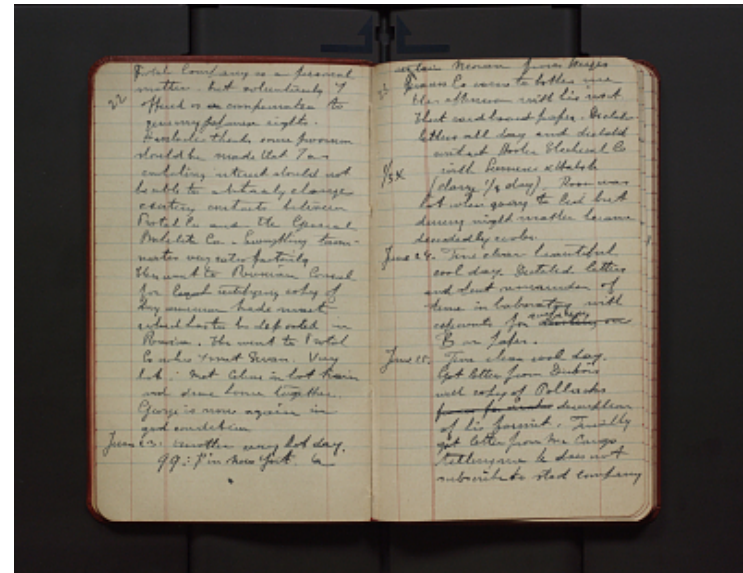
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certain [?] from [hayes?]
Swan Co. came to bother me this afternoon with his visit black card board paper. Dictated letters all day and dictated contract Hooker Electrochemical Co.

[[marginal note]] 1/3x [[end marginal note]]

with Siemens Halske (charge 1/3 day). Room was hot when going to bed but during night weather became decidedly cooler.

June 24.
Fine clear beautiful cool day. Dictated letters and spent remainder of time in laboratory with experiments for surfaceing [strikeout] counting on [strikeout] B on paper.

June 25.
Fine clear cool day.
Got letter from Dubois with copy of Pollack's



[[strikeout]] price for number [[strikeout]] description of his formist.

Finally

got letter from Mr. Cargo

telling me he does not

subscribe to stock company

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Wrote him letter back, giving him a last chance to subscribe. Took afternoon restfully but somewhat depressed in spirit. Ever new difficulties in all these many problems and practical matters going much too slowly everywhere.

June 6 (Sunday) Another bright ~~cool~~ day not too warm. Spent morning writing up orders for my men during trip to California.

Went to fetch Joyce and his wife to station. They took lunch with me. Joyce says celluloid articles are sold some as low as 65 cents to over one dollar per lb. Says no more than 20% filling material can be incorporated in it. Says that it is impossible to make bulky articles on account of impossibility of

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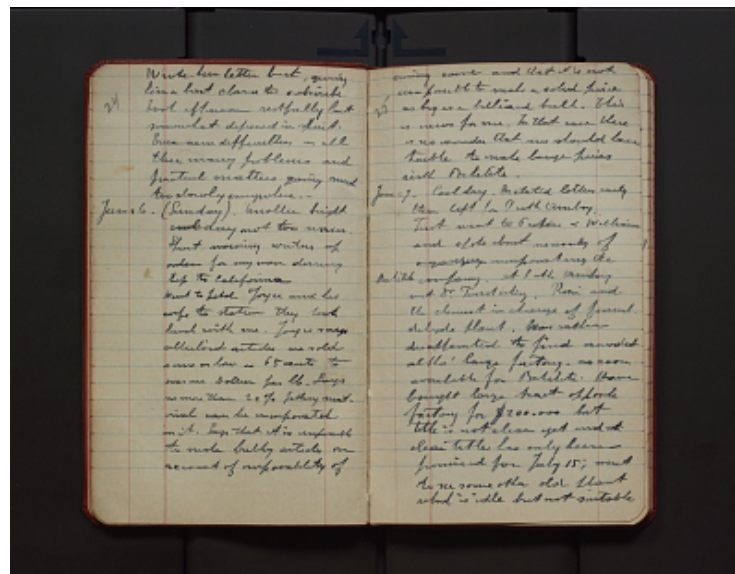
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curing same and that it is not even possible to make a solid piece as big as a billiard ball. This is news for me. In that case there is no wonder that we should have trouble to make large pieces with Bakelite.

June 7

Cool day. Dictated letters early then left for Perth Amboy Trust. went to Peters & Williams and spoke about necessity of organizing incorporating the [Bakelite?] company. At Perth Amboy met Dr. [??]. Rossi and the chemist in charge of formaldehyde plant. Was rather disappointed to find crowded altho' large factory. no room available for Bakelite. Have bought large tract opposite factory for \$200,000 but title is not clear yet and a clear title has only been promised for July 15; went to see some other old plant which is idle but not suitable.



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[[marginal entry]] X 1/3 [[/marginal entry]]

Conference with [[Forsterberg?]] etc regards requirements of installation - cost price of product etc. Hot sticky day. Arrived back in N.Y. by 6:30 PM took supper at Mouquin and went home by 8:38 P.M. rather disappointed.

June 28 dictated letters all morning. Lewis reports differential of car is crushed. Brady and himself working on it. At 1 p.m went to Peters & Williams for lunch at Midday club. Met W.H Nichols there, told him he should not appoint Schweitzer as chairman of patent committee. he says will not and will see that the right man gets appointed. At 2 P.M met at Hasslacher's office with Hasslacher, Dubois, [[Forsterberg?]]. Hasslacher made many objections to contract of Protal Company which I answer

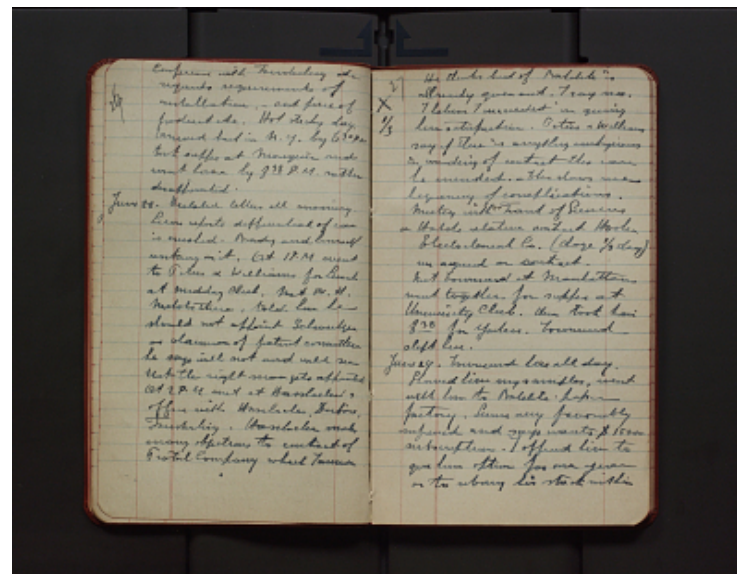
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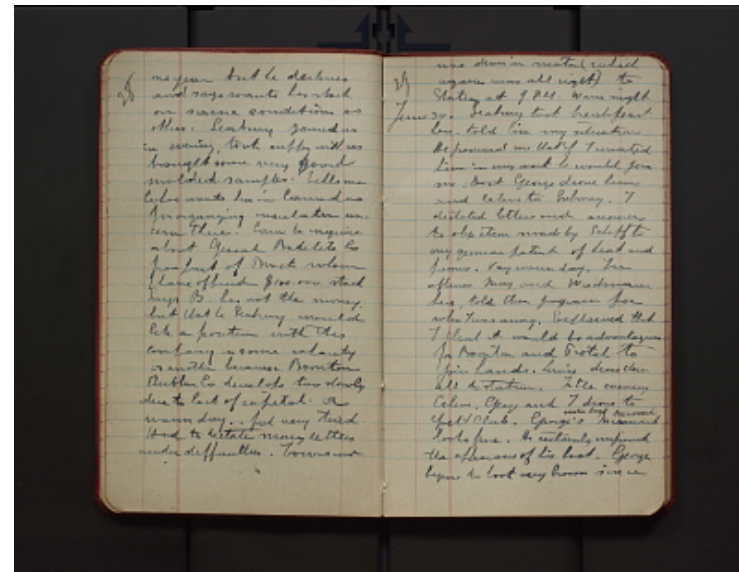
He thinks best of Bakelite is already given out. I say no. I believe I succeeded in giving him satisfaction. Peters & Williams say if there is anything ambiguous in wording of contract this can be amended. This shows me beginning of complications. Meeting with Dr Frank of Siemens & Halske relative contract Hooker Electrochemical Co. (charge 1/3 day) we agreed on contract. Met Townsend at Manhattan went together for supper at University Club. Then to train 8:38 for Yonkers. Townsend slept here.

June 29 Townsend here all day. Showed him my samples, went with him to Bakelite Paper Factory. Seems very favorably impressed and says wants \$15000 subscription I offered him to give him option for one year or to rebuy his stock within



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one year but he declines and says wants his stock on same conditions as others. Seabury joined us in evening; took supper with us brought some very good molded samples. Tells me Cohoe wants him in Canada for organizing insulator [?]. Came to inquire about General Bakelite Co. for part of Bruck whom I have offered \$100,000 stock. Says B. has not the money. but until Seabury would like a portion with this company in some [?] or another because Boomton Rubber Co. develops too slowly due to lack of capital. A warm day Feel very tired and to dictate many letters under difficulties. Townsend was driven in motor (Which again runs all right) to Staten at 9 P.M. Warm night. June 30. Seabury took breakfast here. Told him my situation. He [[promised]] me that if I wanted him in my work he would join me. ~~Drct~~ George drove him and Celine to Subway. I dictated letters and answer to objection made by Schiff to my german patent of heat and pressure. Very warm day. In afternoon May and Wiedman here, told them program for when I was away. Explained that I think it would be advantageous for Boontin and Protal to Join hands. Lewis drove them all to station. In the evening Celine, George and I drove to Yacht Club. George's [^]Mermaid looks fine. He certainly improved the appearance of his boat. George begins to look very brown since



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he has been working putting his boat in commission. Fine intelligent looking boy, growing taller and taller, looks very sinewy but has keen eyes. Is already tanned by his work in the open air on his boat "~~Mermaid~~"

July 1. Another warm sultry day Lewis made some Solid A with some german cresol. George finds his Mermaid's engine is not reliable and as he wants to go away tomorrow [^]~~camping at Croton point~~ no time left for fixing up matters. so he will go with motor car tomorrow. Busy all day writing letters and packing trunks and signing checks. Slept poorly.

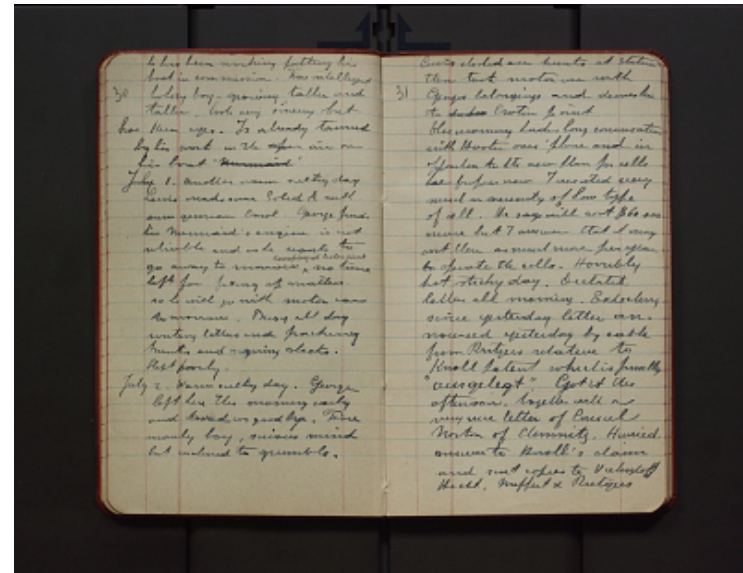
July 2. Warm, sultry day. George left here this morning early and bade us goodbye. Fine manly boy, serious mind but inclined to grumble.

[[end page]]

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31
Lewis checked our trunks at station then took motor car with Georges belongings and drove him to ~~statio~~ Croton Point

This morning had a long conversation with Hooter over 'phone and in opposition to the new plan for cells as before now I insisted very much on necessity of low type of cell. He says will cost \$60,000 more but I answer that it may cost them as much more per year to operate the cells. Horribly hot sticky day. Dictated letters all morning. Expecting since yesterday letter announced yesterday by cable from ~~Reitgers?~~ relative to Knoll patent which is finally "angelegt". Got it this afternoon. together with a very nice letter of Consul Norton of Clemnitz. Hurried answer to Knoll's claim and sent copies to Vielinghoff Hecht, ~~Meffert?~~ & Reitgers.



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[[start page]]

Knoll has carefully secured his patent and concocted an absurdly broad claim. But with all that his former subdued threats that my patents will be annulled by his do not seem to hold good. In the midst of all this got one of those stupid letters of my sister [[exasperating?]] [[troubles?]] etc.

which was too much for me just at the moment so I sent her the answer I think she deserves. Feel very nervous and irritated.

During the night wrote some additions to my [[answer?]] to Knoll patent and some other letters. It is high time that I get somewhere where I am out of all this. After all it is gratifying to know

[[end page]]

[[start page]]

[[note in left margin - Off for California with Celine]]

that I have the field so very clear here in the United States

July 3. [[Heavy?]] hot day! At 1030 Lewis drove us to New York.

[[Nina?]] with us. [[?]] & [[?]] declined on account of heat. [[insertion]] [[?]]

Charles [[insertion]] Doremus was at the station to ask me whether he

could tell [[?]] I would be interested in his project for [[-sing?]] SO₂ from

[[?]] by absorbing it with NH₃. He says it will cost me nothing. Left N.Y.

by 1240 P.M. Time train - [[?]] but not uncomfortable because good

ventilation. At Croton station George waved us good bye. Saw him like a

flash of ~~Kahki~~ Kaki. Strange how new

environment changes my ideas. Feel the vacation that Celine very

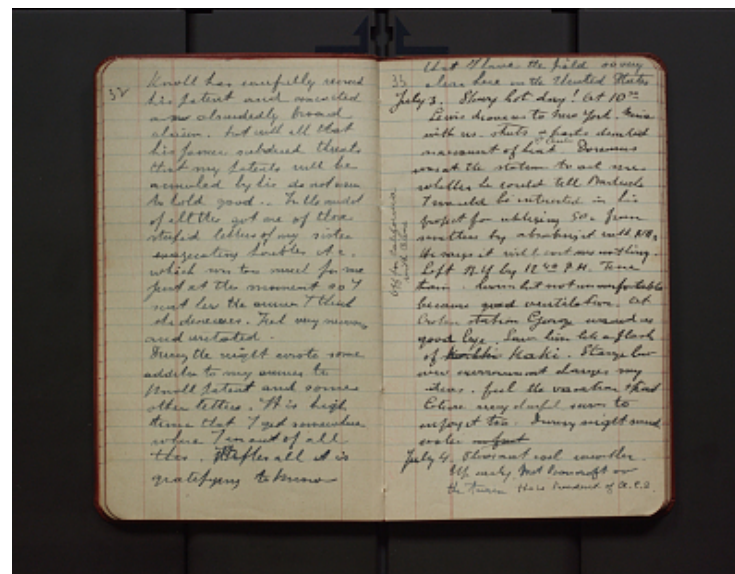
cheerful seems to enjoy it too. [[?]] might [[?]] [[?]] ~~in fact~~

~~in fact~~

July 4. Pleasant cool encounter. [[Woke?]] early. Met Bancroft on the

train. He is president of A.C.S.

[[end page]]



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[[start page]]

Went to Lasalle hotel.

Lunch by Chicago members. Jeffries - Johnson prize fight in Reno Nev. going on news being published in the street and in hotels. Vulgar low class heavy jawed criminal-looking individuals in shorts. Many drunkards train pulled out at 6 15P.M. Quite a big sized train. Comfortable quarters neat comfortable room to ourselves. Room G of [?]. Quite a big sized train. Electric light and electric fan in our room. When coming in room found Celine still awake.

July 5. After comfortable night found we are in Missouri along Missouri River. Reminded Celine of her Geography! She is indeed
[[end page]]

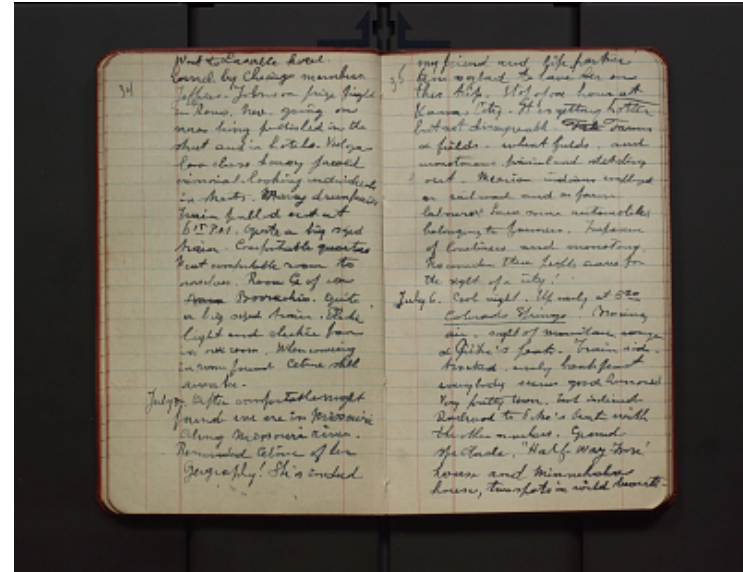
[[start page]]

my friend and life partner.

[[left margin: 35]]

I am so glad to have her on this trip. Stop of one hour at Kansas City. It is getting hotter but not disagreeable. ~~Fal~~ Farms & fields. Wheat fields, and monotonous prairieland stretching out. Mexican indians employed on railroad and as farm labourers. Saw some automobiles belonging to farmers. [?] of loneliness and monotony. No wonder these people crave for the sight of a city!

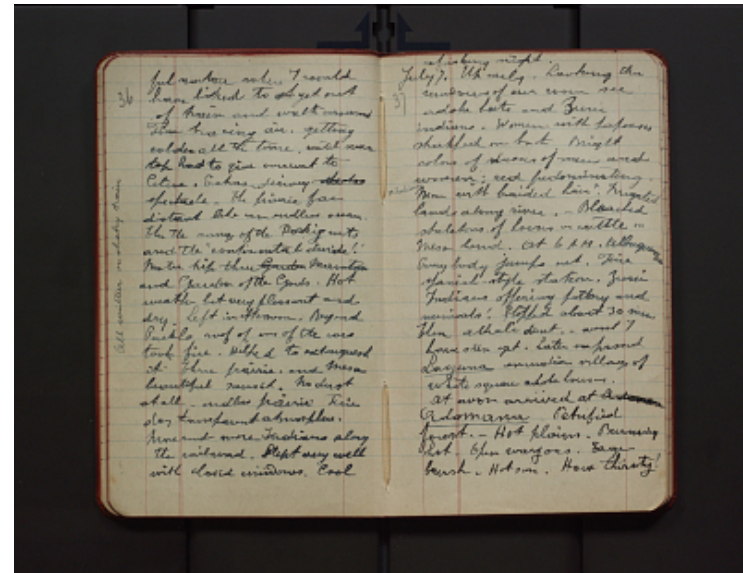
July 6. Cool night. Up early at 5 30 Colorado Springs. Bracing air. sight of mountain range and Pike's peak. Train ride [?]. Early breakfast everybody seems good humored. Very pretty town. Took inclined Railroad to Pike's Peak with the other members. Grand spectacle. "Half-way-there" house and Minnehaha house, two spots in wild beauti-
[[end page]]



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ful nature where I would ³⁶ have liked to ~~out~~ get out of train and walk around. Fine bracing air, getting colder all the time until near top had to give overcoat to Celine. Extraordinary ~~spectac~~ spectacle. The prairie far distant like an endless ocean. Then the range of the Rocky Mts and the "continental divide!" Motor trip thru ~~Garden~~ Mountains and Garden of the Gods. Hot weather but very pleasant and dry. Left in afternoon. ^{All written on shaky train} Beyond Pueblo roof of one of the cars took fire. Helped to extinguish it. Thru prairie and Mesa beautiful sunset. No dust at all - endless prairie. Fine day transparent atmosphere. More and more ~~Indians?~~ along the railroad. Slept very well with closed windows. Cool ~~end page~~

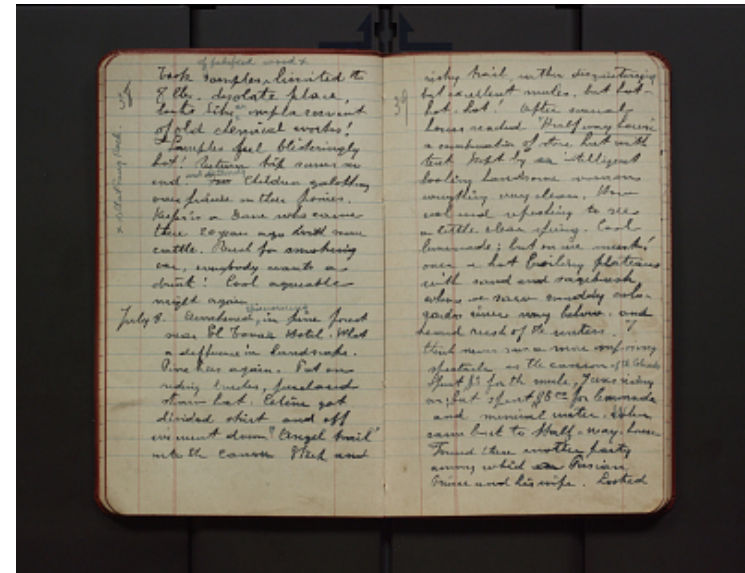
~~end page~~
 refreshing night. ³⁷
 July 7. Up early. Looking thru windows of our room see adobe huts and Zuni Indians. Women with papooses strapped on backs. Bright colors of ~~?~~ of men and women; red predominating. ^{+ Indians} Men with braided hair +. Irrigated lands along river. Bleached skeletons of horses or cattle on Mesa land. At 6 AM. Albuquerque everybody jumps out. Fine Spanish-style station. Zuni Indians offering pottery and minerals! Stopped about 30 min. ~~?~~alkali dust. - Worst I have seen yet. Later on passed Laguna an indian village of white square adobe houses. At noon arrived at ~~?~~ Adamana petrified forest. - Hot plains. Burning hot. Open wagons. Sage brush. Hot sun. How thirsty! ~~end page~~



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[[start page]]
 took samples ^[[of petrified wood x]] limited to 8 lbs. [[left margin]]
 38[[/margin]] Desolate place, looks like ^[[an]] emplacement of old
 chemical works! Samples feel blisteringly hot! Return trip seems no
 end. ^[[and so thirsty]] ~~Ten~~ Children
 galloping over prairie on their ponies. Keefer is a Dane who came
 there 20 years ago with some cattle. Rush for smoking car, everybody
 wants a drink! Cool agreeable night again. [[margin]] X held at Swing
 Rock. [[/margin]]
 July 8. Awakened ^[[this morning]] in pine forest near El Tovar Hotel.
 What a difference in landscape. Pine trees again. Put on riding
 breeches, purchased straw hat. Celine got divided shirt and off we went
 down "Angel trail" into the canon. Steep and
 [[end page]]

[[start page]]
 risky trail, rather disquieting but excellent mules. but hot-hot-hot! [[left
 margin]] 39[[/margin]] After several hours reached "Half way
 house" a combination of stone with with tent kept by an
 intelligent looking handsome woman everything very clean. How cool
 and refreshing to see a little clear spring. Cool lemonade; but on we
 went! over a hot broiling plateau with sand and sagebrush when we
 saw muddy colorado river way below. and heard rush of the waters. I
 think never saw a more imposing spectacle as the canon of the
 Colorado Spent \$3 for the mule I was riding on; but spent \$5.00 for
 lemonade and mineral water. When came back to Half-way-house
 Found where another party among which Persian Prince and his wife.
 Looked
 [[end page]]



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very much like a Jewish or Italian fruit ~~f~~ vender.

margin note in pencil 40 *margin note*

His wife had high heels and lace stockings. This was a great rest for all of us in this cool spot. Irrigated vegetable garden and cottonwood trees. ~~L---~~ *margin in pencil* Lied *end in margin in pencil* down in grass. Miss Hines as well as my wife stood it all splendidly. Some strenuous return trip along crooked risky narrow trails. I had a canteen overommel of my saddle and ~~the~~ the refreshing water frequently (arrived at hotel at 6 P.M. in time to take a bath! what a joy! for 75 cents! ~~Bou--~~ Bought a Navajo blanket for \$35[^] x at VanKamp's store. told him to ship it to Yonkers. . No receipt. Low sunset on Canyon! Most interesting day. Left at 8[^] P.M.

left margin note sideways in light ink X It is now in my den in Snug Rock *end margin note*

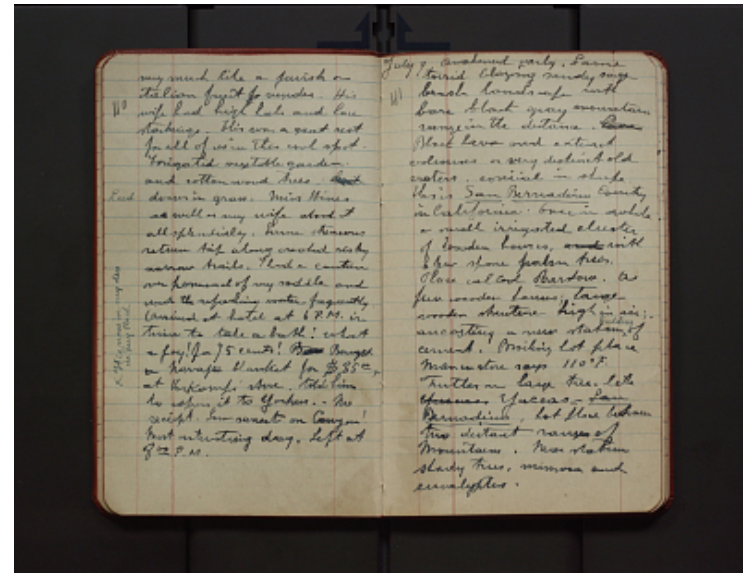
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July 9 Awakened early. Same torrid blazing sandy sage

margin note in pencil 41 *margin note*

brush landscape with bare black gray mountain range in the distance. ~~Black lava and extinct volcanoes or very distinct old craters, conical in shape~~ This is San Bernardino Country in California. Once in a while a small irrigated cluster of wooden houses, ~~and~~ with a few sparse forlorn trees. Place called Barstow. A few wooden houses; large wooden structure high in air; ~~a new station~~ of cement. Broiling hot place Man in store says 110[^] F. Further on large tree-like ~~Yuccas~~ Yuccas. San Bernardino, hot place between two distant ranges of Mountains. Near station shady trees, mimosa and eucalyptus.



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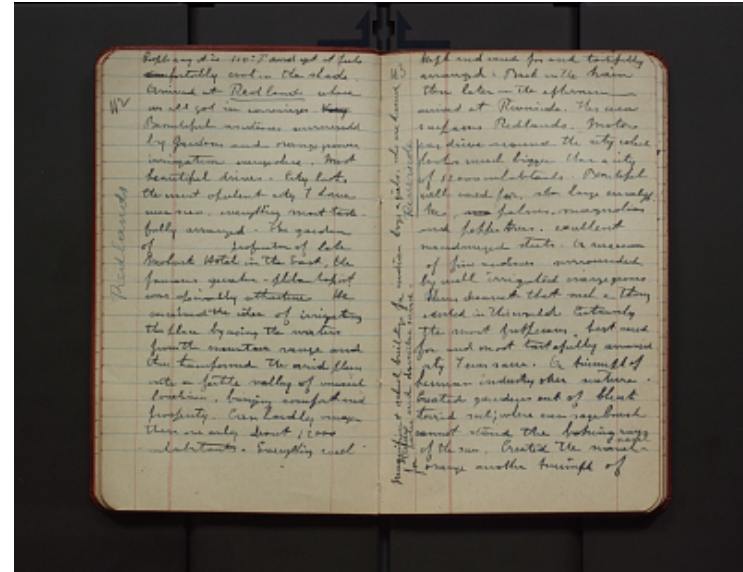
[[left margin, running vertically]] Redlands 42[[/margin]]
People say it is 110° F and yet it feels ~~comfortably~~ cool in the shade. Arrived at Red lands where we all got in carriages. ~~Very~~ Beautiful ~~residences?~~ surrounded by gardens and orange groves, irrigation everywhere. Most beautiful drives. City looks the most opulent city I have ever seen. everything most tastefully arranged. The garden of ~~space left blank, he may mean Alfred Smiley~~ proprietor of lake ~~Mohonk? - researched, this seems likely~~ Hotel in the East, the famous quaker-philanthropist was specially attractive. He conceived the idea of irrigating the place by using the waters from the mountain range and thus transformed the arid plain into a fertile valley of unusual loveliness, bringing comfort and prosperity. Can hardly imagine there are only about 12000 inhabitants. Everything ~~used?~~

[[end page]]

[[start page]]
[[left margin, running vertically]] Magnificent school buildings for indian boys & girls, who are trained for ~~trades~~ and domestic service.
Riverside 43 [[/left margin]]

~~kept?~~ and cared for and tastefully arranged. Back in the train then later in the afternoon arrived at Riverside. Then even surpasses Redlands. Motor car drive around the city which looks much bigger than a city of 12000 inhabitants. Beautiful well cared for, ~~strickethrough?~~ large eucalyptus trees, ~~strickethrough?~~ palms, magnolias and pepper trees. excellent macadamized streets. A succession of fine residences surrounded by well irrigated orange groves. I never dreamt that such a thing existed in this world. Certainly the most prosperous, best cared for and most tastefully arranged city I ever saw. A triumph of human industry over nature created gardens out of blank torrid soil; where even sagebrush cannot stand the baking rays of the sun. Created the ~~marvel?~~ ~~navel?~~ orange another triumph of

[[end page]]



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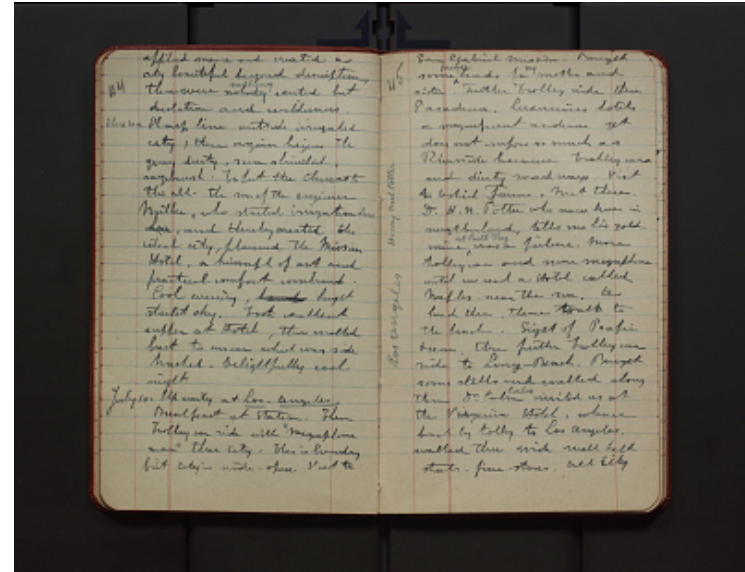
applied science and created a city beautiful beyond description, there were ~~nobody~~ existed but desolation and wilderness. There is a sharp line outside irrigated city; there again begins the gray dusty, sun shriveled sagebrush. To put the climax to this all. the son of the engineer Miller, who started irrigation here ~~here~~, and thereby created the ideal city, planned the Mission Hotel, a triumph of art and practical comfort combined. Cool evening, ~~bright~~ starlit sky. Took excellent supper at Hotel, then walked back to our car which was side tracked. Delightfully cool night.

July 10. Up early at Los Angeles. Breakfast at station. Then trolley car ride with "Megaphone man" thru city. This is Sunday but city is wide-open. Visit to

San Gabriel Mission

Los Angeles

San Gabriel Mission. Bought some ^{prayer} beads for mother and sister. Further Trolley ride thru Pasadena. Luxurious hotels & magnificent residences yet does not impose so much as Riverside because trolley cars and dirty roadways. Visit to Gabriel Farm. Met there Dr. H. N. Potter who now lives in neighborhood, tells me his gold mine ^{at Bull Tray} was a failure. More trolley car and more megaphone until we ^{visit?} a Hotel called Naples near the sea. A lunch there, then walk to the beach. Sight of Pacific Ocean, then further trolley car ride to Long-Beach. Bought some shells and walked along then Dr. Colin ^{Calm} invited us at the Virginia Hotel, whence back by trolley to Los Angeles. walked thru rich well kept streets - fine stores. ~~city~~



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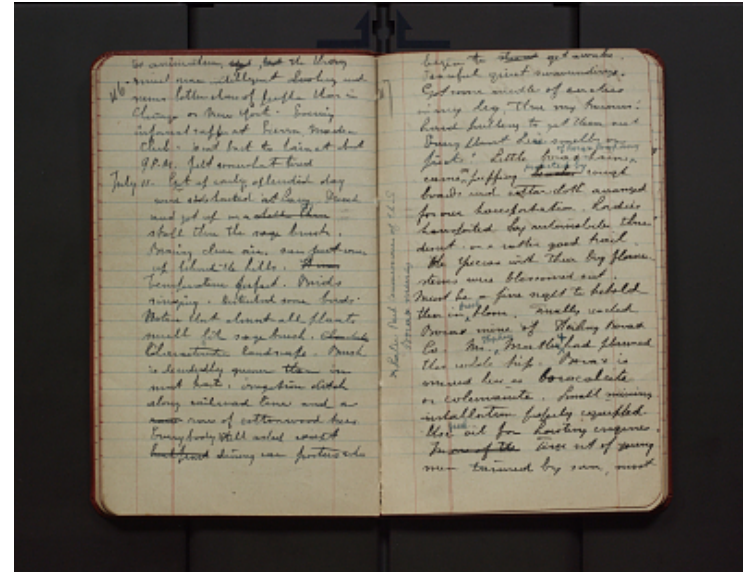
46[[top margin note]]

is animation, ~~yet~~ but the throng seem intelligent looking and seems better class of people than in Chicago or New York. Evening informal supper at Sierra Madre Club. Went back to train at about 9 P.M. felt somewhat tired

July 11. Got up early; splendid day were sidetracked at ~~Lary?~~. Dressed and got up in a ~~stoll~~ stroll thru ~~stroll~~ stroll thru the rough brush. Bracing clear air. sun just comes up behind the hills. ~~Temperature perfect.~~ Temperature perfect. Birds singing. Disturbed some birds. Noticed that almost all plants smell like sagebrush. ~~Characteristic~~ Characteristic landscape. Brush is decidedly greener than in most parts, irrigation ditch along railroad line and a ~~row~~ row of cottonwood trees. Everybody still asleep except ~~dining car porters who~~ breakfast ~~dining car porters who~~ dining car porters who ~~start page~~

47

begin to ~~stir~~ stir at ~~get~~ get awake. Peaceful quiet surroundings. Got some needles of cactus in my leg, then my trousers! hard pulling to get them out. Every plant here smells or pricks! Little borax train ~~of Borax Company~~ came ~~puffing~~ puffing ~~protected~~ protected by rough boards and cotton cloth arranged for our transportation. Ladies transported by automobiles thru desert on rather good trail. The Yuccas with their big flower stems were blossomed out. Must be a fine sight to behold them in ~~fresh~~ bloom. Finally reached Borax mine of Sterling Borax Co. ~~Later Park Commissioner of U.S. Borax mines~~ Mr. ~~Stephen~~ Mather ~~had planned this~~ whole trip. Borax is mined here as borocalcite or colemanite. Small mining installation properly equipped. Use ~~fuel~~ oil for hoisting engines. ~~In one of the~~ Fine set of young men tanned by sun, most



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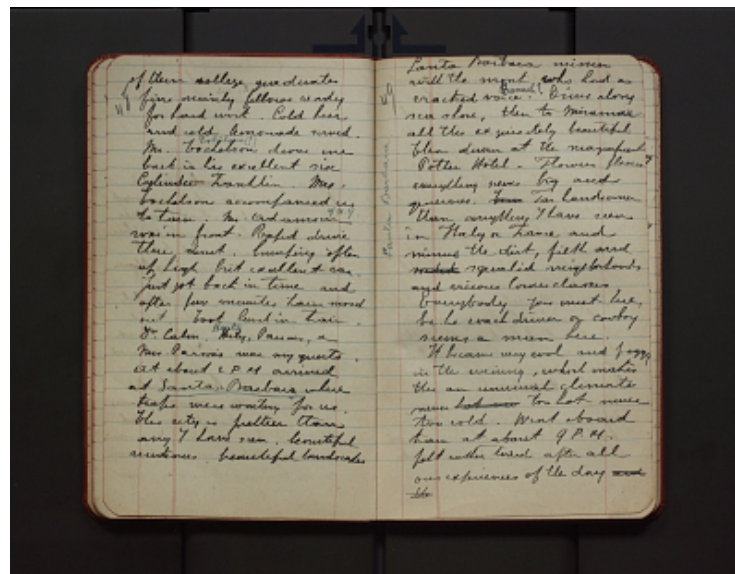
often college graduates fine mainly fellows ready for hard work. Cold beer and cold lemonade served. Mr. Tochelso[n] Tokilson(?) drove me back in his excellent six Cylinder Franklin. Mrs. Tochelso[n] accompanied us to train. Mr. Oudammer of N. Y. was in front. Rapid drive thru desert Bumping often up high but excellent car. Just got back in time and after few minutes train moved out. Took lunch in train. Dr. Calm. Herty, Parsons & Mrs. Parsons were my guests. at about 2 P.M. arrived at Santa Barbara where were waiting for us. This city is prettier than any I have seen. beautiful residences beautiful landscapes

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49
[[left margin]] Santa Barbara [[left margin]]

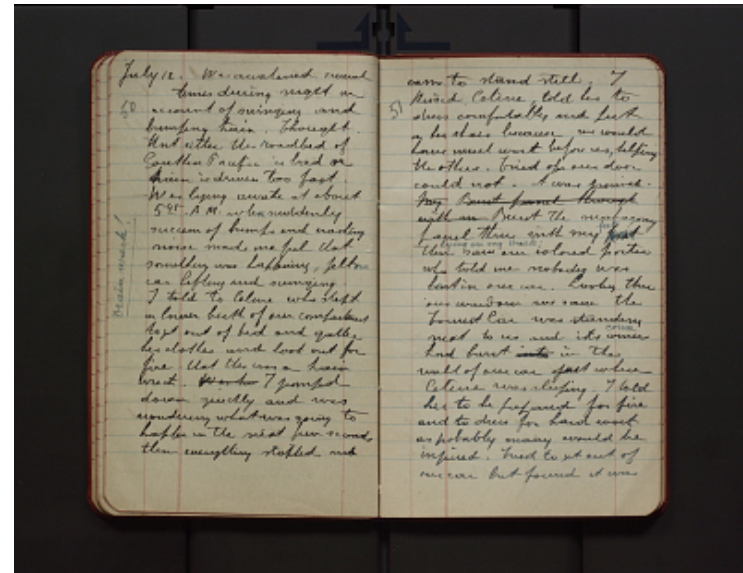
Santa Barbara mission with the monk who had a cracked voice. Drive along sea shore, then to Miramar all this exquisitely beautiful then dinner at the magnificent Potter Hotel. Flowers flowers everything seems big and generous. Far handsomer than anything I have seen in Italy or France and minus the dirt, filth and sordid squalid neighborhoods and vicious lower classes. Everybody you meet here, be he coach driver or cowboy seems a man here.

It became very cool and foggy in the evening, which makes this an unusual climate never hot never too cold. Went aboard train at about 9 P.M. felt rather tired after all our experiences of the day and the

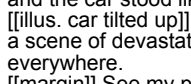
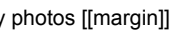

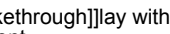
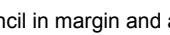



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[[start page]]
 July 12. Was awakened several times during night on [[left margin]] 50
 account of swinging and bumping train. Thought that either the roadbed
 of Southern Pacific is bad or train is driven too fast. Was lying awake at
 about 545 AM.
 Train Wreck!
 when suddenly [succession?] of bumps and crashing noise made me
 feel that something was happening, felt our car lifting and swinging. I
 told to Celine who slept in lower berth of our compartment to get out of
 bed and gather her clothes and look out for fire. That this was a train
 wreck. Was to I jumped down quickly and was
 wondering what was going to happen in the next few seconds, then
 everything stopped and
 I came to stand still.
 I kissed Celine, told her to dress comfortably and put on her shoes
 because we would have much work before us, helping the others. Tried
 open our door could not. It was jammed. My Burst panel
 through with an ~~Burst~~ burst the mahogany panel thru with my feet
~~fist~~ lying on my back; then saw our colored
 porter who told me nobody was hurt in our car. Looking thru our window
 we saw the Car was next to us and its
 corner corner had burst into in the wall
 of our car just where Celine was sleeping. I told her to be prepared for
 fire and to dress for hard work as probably many would be injured.
 Tried to get out of our car but found it was
 [[End Page]]

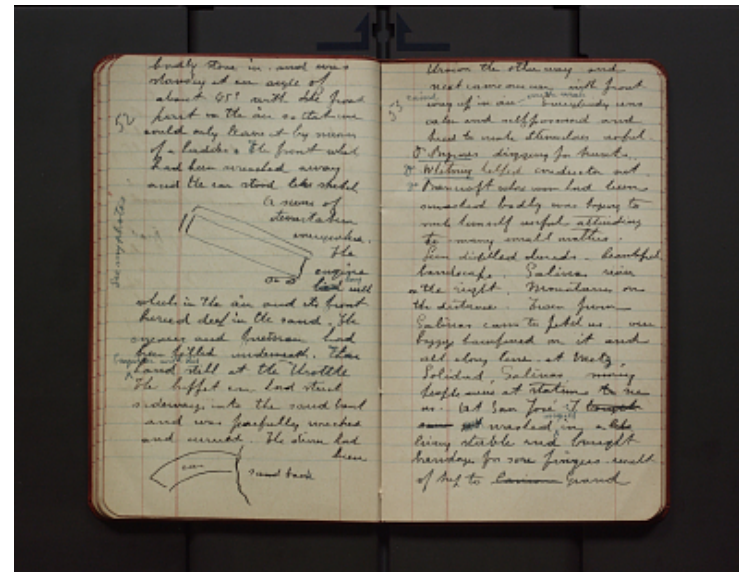


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badly stove in and was standing at an angle of about 45 [degrees] with the front part in the air so that we could only leave it by means of a ladder. The front wheel had been wrenched away and the car stood like sketch  a scene of devastation everywhere.  See my photos  The engine  lay with wheels in the air and its front buried deep in the sand. The engineer and fireman had been killed underneath. Their  The engineer with his hand still at the throttle. The buffet car had struck sideways into the sand bank and was fearfully wrecked and curved. The diner had been 

Next page

thrown the other way and next came our car with front  way up in air  over the wreck]. Everybody was calm and self possessed and tried to make themselves useful. O. Byrnes digging for trunks. D. Whitney helped conductor out. D. Bancroft whose  had been smashed badly was trying to make himself useful attending to many small matters. Sun dispelled clouds - beautiful landscape. Salinas river on the right. Mountains in the distance. Train from Salinas came to fetch us. Our baggage transferred on it and all along fine. At Metz. Solidad, Salinas many people were at station to see us. At San Jose I   washed  myself  in a livery stable and bought bandages for sore fingers result of help to 



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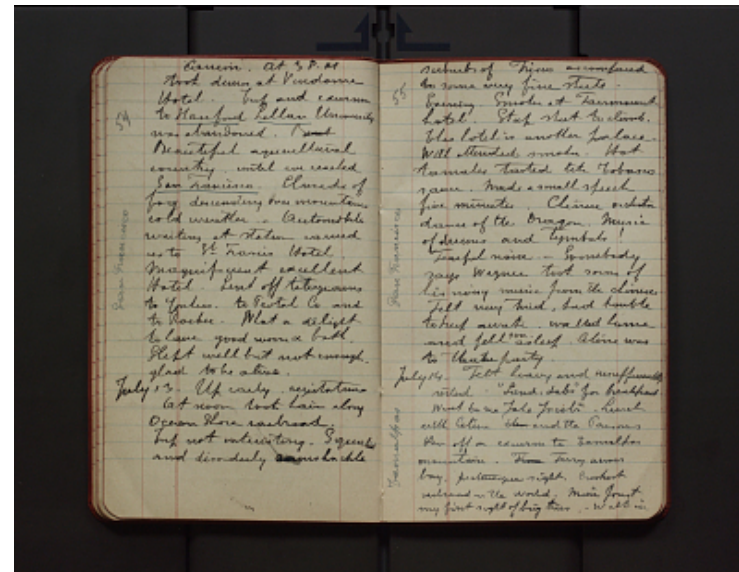
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[[Canion?]]. At 3 P.M. took dinner at Vendome Hotel. Trip and excursion to Stanford Lellan University was abandoned. ~~Beat~~ Beautiful agricultural country until we reached San Francisco. Clouds of fog descending over mountains left margin, pencil, vertical San Francisco left margin cold weather. Automobile waiting at station carried us to St. Francis Hotel. Magnificent excellent Hotel. Sent off telegrams to Yonkers. to Protal Co and to Rocher. What a delight to have good room & bath. Slept well but not enough. glad to be alive. July 13. Up early. registrations at noon took train along Ocean Shore railroad. but not interesting. Squalid and disorderly ramshackle end page

start page

55

suburbs of Frisco as compared to some very fine streets. Evening. Smoker at Fairmount hotel. Steep street to climb. This hotel is another palace. With attendant smoker. Hot tamales tasted like Tobasco sauce. Made a small speech five minutes. Chinese orchestra dance of the Dragon. Music of drums and tybals! vertical marginal entry San Francisco marginal entry Fearful noise--somebody says Wagner took some of his noisy music from the Chinese. Felt very tired, had trouble to keep awake. walked home and fell [^] soon asleep. Celine was to theatre party. July 14. vertical marginal entry Tamalpas marginal entry. Felt heavy and insufficiently rested. "Sand dabs" for breakfast. Went to see Jake Jacobs?. Lunch with Celine ~~then~~ and the Parsons then off on excursion to Tamalpas mountain. ~~Fine~~ Ferry across bay, picturesque sight. Crooked railroad in the world. Muir Forest my first sight of big trees. Walk in



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Giant trees

forest, enormous trees, generous vegetation everywhere. Then took train again winding, winding upwards. Finally Tamalpas tavern. Big dinner there. Herty, Cameron, Parsons & Mrs. Parsons near by. California wine served. Great joviality dancing afterwards. Fourteen remain at hotel overnight.

Giant trees

Tamalpas

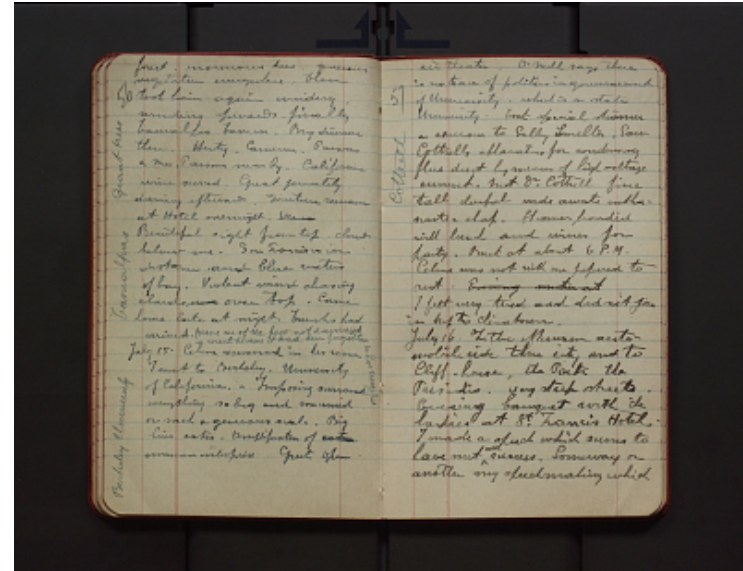
Beautiful sight from top. Clouds below me. San Francisco in distance and blue waters of bay. Violent wind chasing clouds over top. Came home late at night. Trunks had arrived. Mine one of the few not damaged in wreck because it had been forgotten in Los Angeles.

July 15. Berkeley University Celine remained in her room. I went to Berkeley. University of California. Imposing surroundings everything so big and conceived on such a generous scale. Big live oaks. Amplification of american enterprise. Great open

air theater.

O'Neill says there is no time of politics in government of University. which is a state University. took special steamer on excursion to Selby Smelter. Cottrell Saw Cottrell apparatus for condensing flue dust by means of high voltage current. Met Mr. Cottrell fine tall cheerful wide awake enthusiastic chap. Steamer provided with lunch and wines for party. Met at about 6 p.m. Celine was not with me preferred to rest. Evening smokes at I felt very tired and did not join in trip to Chinatown.

July 16. On the automobile ride thru city and to Cliff house. It's Park the Presidio. Very steep streets. Evening banquet with ladies at St. Francis Hotel. I made a speech which seems to have met success. Someway or another my speechmaking which



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a few years ago was lamentable seems to have gained. Excellent function very cheerful, and certainly a great success.

July 17. Had to get up early so as to catch the ferry at 8:15 A.M. Hard work for many of us. Visit to Swiss Italian Wine Colony at [[Asti?]].

Fearfully hot in train but dry heat. Fertile country, but all grass ~~burned~~ dried out. Peaches, apples, grape vines everywhere. Mr. [[Reoin]] ^[[the chemist]] and Mr. Sbarboro received us generously.

Lunch under arbor. abundantly irrigated by wine. [[?]] speeches as to value of wine for combating drunkenness. Was called upon to speak to, and got along all right. Hidden sprinklers in garden. Back at about

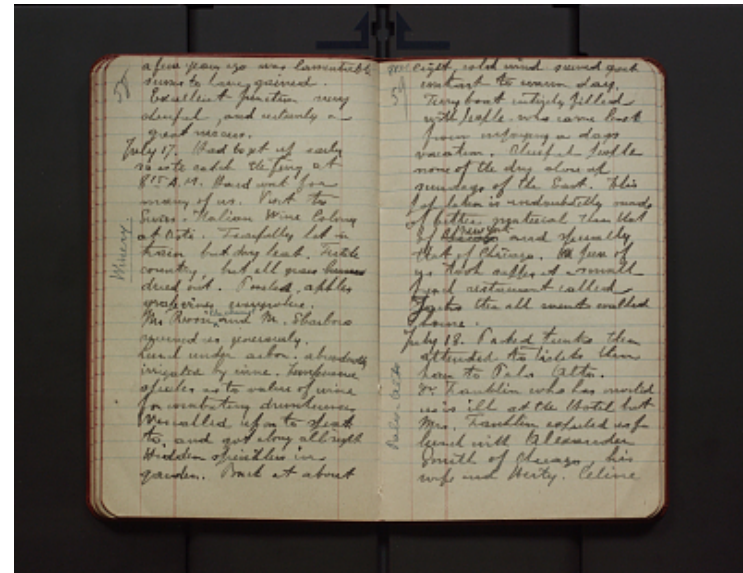
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8 P.M. eight, cold wind seemed great contrast to warm day. Ferry boat entirely filled with people who came back from enjoying a days vacation. Cheerful people none of the dry close-up sundays of the East. This population is undoubtedly made of better material than that of ~~strikeout~~ Chicago ~~strike out~~ New York and equally that of Chicago. Some of us took supper at a small French restaurant called [[Jacks?]] then all ~~strike out~~ went ~~strike out~~ walked home.

July 18. Packed trunks then attended to tickets (left margin Palo-Alto) then home to Palo Alto. Mr. Franklin who has invited us is ill at the Hotel but Mrs. Franklin ~~escorted?~~ us for lunch with Alexander Smith of Chicago, his wife and Herty. Celine

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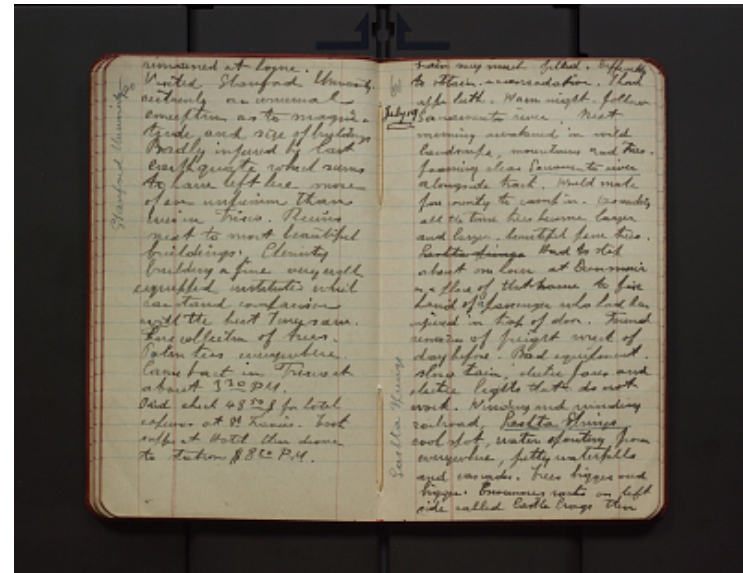
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60

[[vertical in margin]]Stanford University[[/vertical in margin]]
remained at home.

Visited Stanford University. certainly an unusual exception as to magnitude and size of buildings Badly injured by last earthquake which seems to have left here more of an impression than [[ever]] in Frisco. Ruins next to most beautiful buildings. Chemistry building a fine very well equipped institute which can stand comparison with the best I ever saw. Fine collection of trees. Palm trees everywhere. Came back in Frisco at about 3:30 PM. Paid check 48.50\$ for hotel expenses at St. Francis. Took supper at hotel then drove to station [[strike out \$]] 8:20PM. [[end page]]

[[start page]] train very much filled. [[margin]] 61 [[/margin]] Difficulty to obtain accommodation. I had upper berth. Warm night. Follow [[in margin, double underline - July 19]] Sacramento river. Next morning awakened in wild landscape, mountains and trees. Foaming clear [[underline]]Sacramento river [[/underline]] alongside track. Would make fine country to camp in. Ascending all the time trees become larger and larger. beautiful pine trees [[strikeout]]Sashta Springs[[/strikeout]] Had to stop about an hour at Dunsmuir or a place of that name to fix hand of a passenger who had been injured in trap of door. Found remains of freight wreck of day before. Bad equipment slow train, electric fans and electric lights that do not work. [[vertical in margin - Sashta Springs]] Winding and winding railroad, [[underline]]Sashta Springs[[/underline]] cool spot, water spouting from everywhere, pretty waterfalls and cascades. Trees bigger and bigger. Enormous rocks on left side called Castle Crags then [[end page]]



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first sight of snow capped Mount Shasta. Imposingly beautiful landscape. Magnificent trees everywhere. ~~[[?]]~~ ~~[[?]]~~ Then a plateau where it was very hot. volcanic plateau mountains everywhere. Then descend over precipitous road, tunnels and bridges. always admirable landscape. giant fir trees. very sparsely settled country. Lower down orchards and cultivated fields. [[margin]] Asland [[/margin]] Stop at Ashland, hot-hot-hot. Bought some fruit. Cooler night. Porter spilled all our fruit and blackberries! Nice mash. Slept better this night.

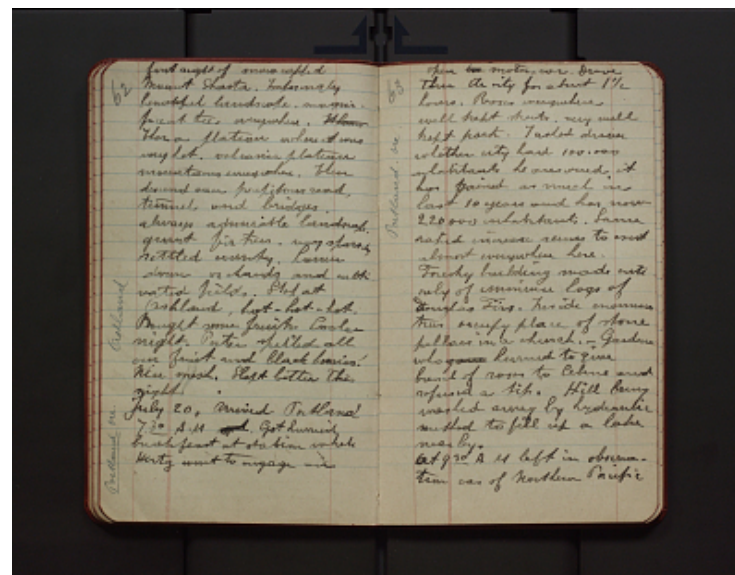
[[margin]]Portland Ore. [[/margin]] July 20. Arrived Portland 7.30 A.M. ~~[[?]]~~ got ~~[[?]]~~ Got hurried breakfast at station while Hertz went to engage an [[end page]] [[start page]]

63

open ~~[[?]]~~ ~~[[?]]~~ motor-car. Drove thru the city for about 1 1/2 hours. Roses everywhere. well kept streets. very well kept park. I asked driver whether city had 100,000 inhabitants he answered it has gained as much in last 10 years and has now 220,000 [[margin]] Portland. Ore. [[/margin]] inhabitants. Same rapid increase seems to exist almost everywhere here.

Forestry building made entirely of immense logs of Douglas Firs. Inside enormous trees occupy place of stone pillars in a church. Gardener who ~~[[?]]~~ you ~~[[?]]~~ hurried to give bunch of roses to Celine and refused a tip. Hill being washed away by hydraulic method to fill up a lake nearby.

At 9:30 AM left in observation car of Northern Pacific



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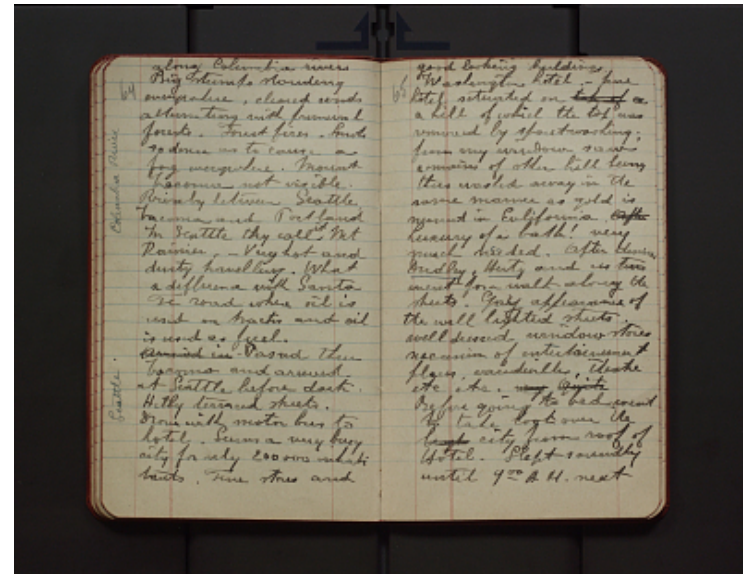
[start page]

64 [top left of page] Columbia River [penned along left margin]
Along Columbia river. Big stumps standing everywhere, cleared woods alternating with primeval forests. Forest fires. Smoke so dense as to cause a fog everywhere. Mount Tacoma not visible. Rivalry between Seattle, Tacoma and Portland. In Seattle they call it Mt Rainier. Very hot and dirty travelling. What a difference with Santa Fe road where oil is used on tracts and oil is used as fuel.
Seattle. [penned along left margin]
~~Arrived in~~ Passed thru Tacoma and Arrived at Seattle before dark. Hilly terraced streets. Drove with motor bus to hotel. Seems a very busy city for only 200,000 inhabitants. Fine stores and

[[start page]] good looking buildings.

65 [top left corner]

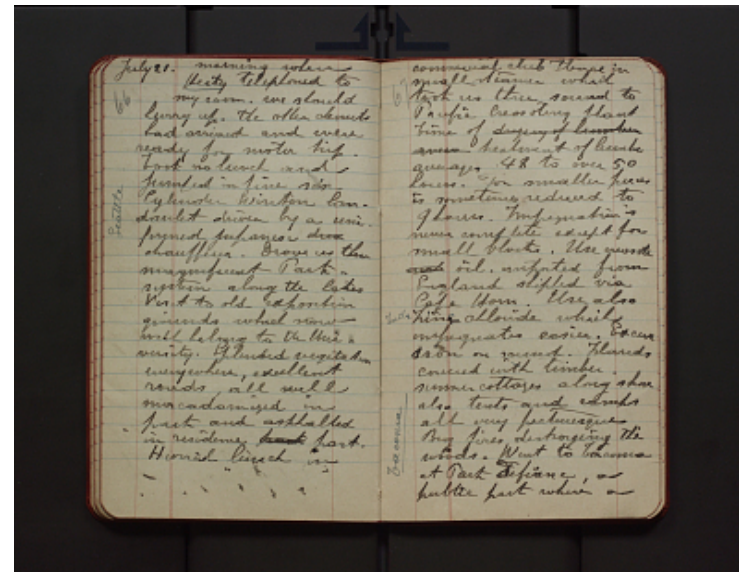
Washington hotel is fine hotel situated on ~~top of a~~ a hill of which the top was removed by spoutwashing; from my window saw remains of other hill being thus washed away in the same manner as gold is mined in California. ~~After~~ Luxury of a bath! Very much needed. cc [in blue above the two "e"s in needed.] After dinner Dudley, Herty and us two went for a walk along the streets. Gay appearance of the well lighted streets. Well dressed window stores succession of entertainment places, vaudeville, theatre etc etc. ~~very Quite~~ Before going to bed went to take look over the ~~city~~ city from roof of Hotel. Slept soundly until 900 AM. next



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July 21. morning when Herty telephoned to my room. we should hurry up. the other clients had arrived and were ready for moter trip. [margin] Seattle [/margin] Took no lunch and jumped in fine six cylinder Winton landaulet driven by a uniformed Japanese chauffeur. Drove us thru magnificent Park system along the lakes. Went to old exposition grounds which now will belong to the University. Splendid vegetation everywhere, excellent roads, all well macadamized in parts and asphalted in residence [strike out] part [/strike out] part. Hurried lunch in [end page]

[start page] commercial club thence in small steamer which took us thru sound to Pacific Creosoting plant time of [strike out] drying of lumber area [/strike out] treatment of lumber averages 48 to over 50 hours. For smaller pieces is sometimes reduced to 9 hours. Impregnation is never complete except for small blocks. Use creosote [strike out] ?? [/strike out] oil. imported from England shipld via Cape Horn. Use also [margin] ZnCl₂ Zinc chloride which impregnates easier. Excursion on sound. Islands covered with timber. summer cottages along shore also tents and camps all very picturesque [margin] Tacoma [/margin] Big fires destroying the woods. Went to Tacoma at Fort Defiance, as public park where a [end page]



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[[start page]]

[[margin]] 68 [[/margin]]

simple cold supper was served on a long table on the pic-nic grounds where everybody can prepare their lunch as they want it near enormous trees. next to fallen trees. Camp fires with iron pipe hooks and fire below for whoever wants it. It was very windy at beginning but weather became smoother. ~~Could see~~ Mount Tacoma hidden by long gray cloud. Steamer returned in half dark. to bed about 1130 PM

Sent abrupt telegram to George telling to stop sending letters and giving last address to ~~[[?]]~~ Banff.

July 22. Up early left with steamer to Van Couver at 9. AM. Herty went to Tacoma. Dudley and

[[end page]]

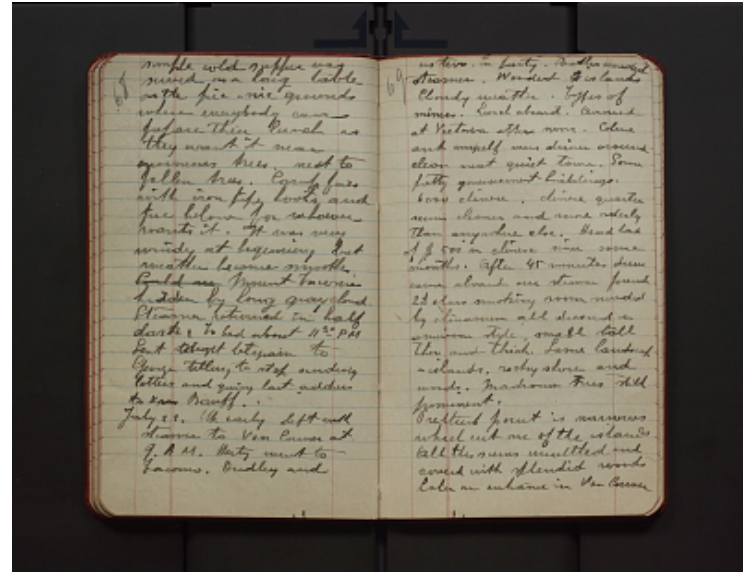
[[start page]]

[[margin]] 69 [[/margin]]

us two in party. Rather crowded steamer. Wooded ~~islands~~ I ~~islands~~ Cloudy weather. Types of miners. Lunch aboard. Arrived at Victoria after noon. Celine and myself were driven around clean neat quiet town. Some pretty government buildings. 6000 chinese. chinese quarter seems cleaner and more orderly than anywhere else. Head tax of \$500 on chinese since some months. After 45 minutes drive came aboard our steamer found 2d class smoking room invaded by chinamen all dressed in american style, small tall thin and thick. Same landscape - islands, rocky shore and woods. Madrona trees still prominent.

Prettiest point is narrows which cut one of the islands All this seems unsettled and covered with splendid woods Later on entrance in Van Couver

[[end page]]



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[[margin]]70[[/margin]]

is very beautiful altho clouded skies and burning forest hide top of the mountains.

At VanCouver VanCouver scramble for baggage but I find mine is not aboard and has been left behind. Gave dollar to transfer man and left him keys for custom examination. At 730 left by Canadian Pacific Splendid train very well equipped and excellent service. better than most american trains and windows and lower berths much higher which contributes much to comfort Fraser ^{Fraser} river on the left, ~~I was~~ forest with big fir trees on

[[end page]]

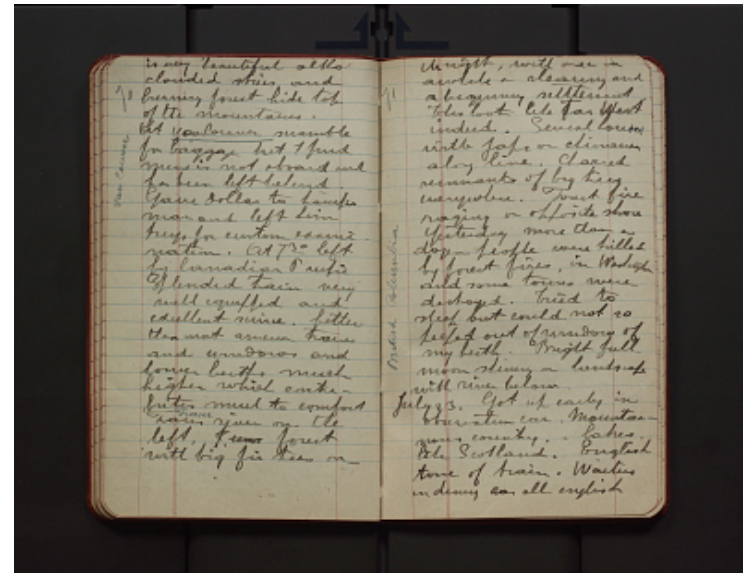
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[[margin]]71[[/margin]]

the right, with once in awhile a clearing and a beginning settlement This looks like Far West indeed. Several houses with Japs or Chinamen along line. Charred remnants of big trees everywhere. Forest fire raging on opposite shore ^{British Columbia} Yesterday more than a dozen people were killed by forest fires in Washington and some towns were destroyed. Tried to sleep but could not so peeped out of window of my berth. Bright full moon shining on landscape with river below.

July 23. Got up early in observation car. Mountainous country. lakes like Scotland. English tone of train. Waiters in dining car all english

[[end page]]

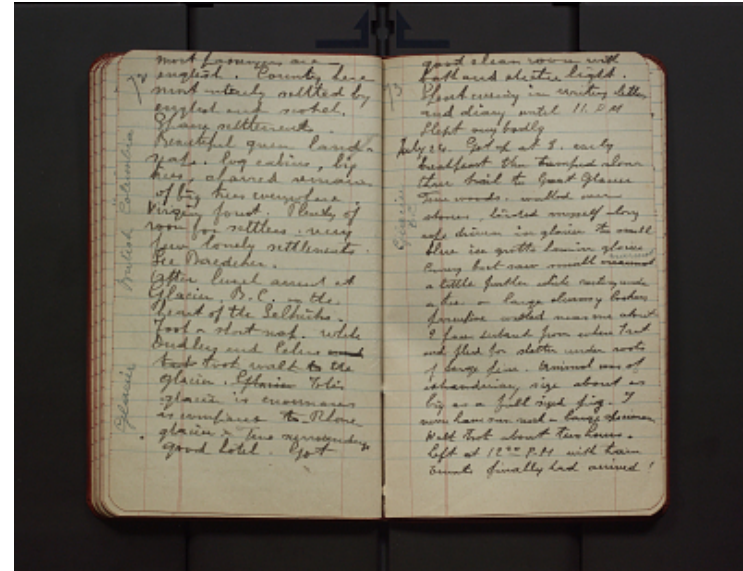


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most passengers are English. County here most entirely settled by English and Scotch. Beautiful green landscape. log cabins, big trees, charred remains of big trees everywhere. Virgin forest. Plenty of room for settlers. very few lonely settlements. After lunch arrived at Glacier. B.C. in the heart of the Selkicks. Took a short nap. While Dudley and Celine took walk to the glacier. This glacier is enormous is compares to Rhone glacier. Trees surrounding good hotel. Got

July 23
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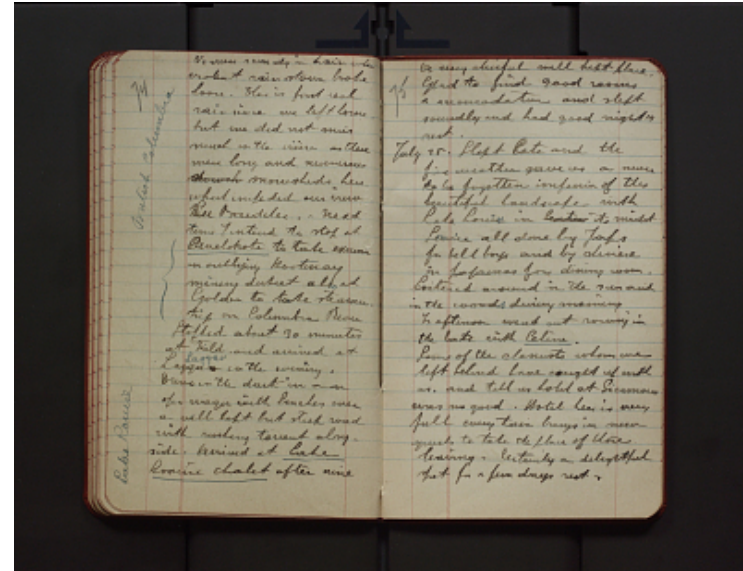
July 24
 good clean room with bath and electric light. Spent evening in writing letters and diary until 11. PM Slept very badly July 24. Got up at 8. early breakfast then tramped alone thru trail to Great Glacier Fine woods. walked over stones, myself along safe driven in glacier to small blue ice grotto in glacier Coming back saw small marmot a little further while resting under a tree a large clumsy looking porcupine walked near me about 20 paces distant from where I sat and fled for shelter under roots of large pine. Animal was of extraordinary size about as big as a full sized pig. I never have seen such a large specimen took about two hours. Left at 12:20 P.M with train trunks finally had arrived!



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[[start page]]
 [[pencil note in upper left corner]] 74 [[pencil note in upper left corner/]]
 [[margin]] [[pencil note]] British Columbia [[pencil note/]] [[margin/]]
 We were scarcely in train when violent rain storm broke loose. This is
 first real rain since we left home but we did not miss much in the view as
 there were long and numerous ~~[[snowsh]]~~ snowsheds here which impeded our view
 Hill Anser lakes. Next time I intend to stop at Penelakota
 Penelakota to take in outlying kootenay
 mining district also at Golden to take steamer. trip on Columbia River
 Stopped about 30 minutes at Field and arrived at Laggan
 Laggan in the evening. Drive in the dark in an open
 wagon with benches over a well kept but steep road with rushing torrent
 along side. Arrived at Lake Louise Chalet
Lake Louise after nine
 [[end page]]

[[start page]]
 [[Margin]] 75 [[/Margin]]
 A very cheerful well kept place. Glad to find good rooms a
 accommodation and slept soundly and had good night's rest.
 July 25. Slept late and the fine weather gave us a never to be forgotten
 impression of this beautiful landscape with Lake Louise in
~~center~~ its midst Service all alone by Japs for bell
 boys and by chinese in pajamas for dining room. Loitered around in the
~~woods~~ and in the woods during morning. In afternoon went out rowing in
 the ~~lake~~ with Celine.
 Some of the chemists whom we left behind have caught up with us and
 tell us hotel at Sicamore was no good. Hotel here is very full every train
 brings in guests to take the place of those leaving. Certainly a delightful
 spot for a few days rest.



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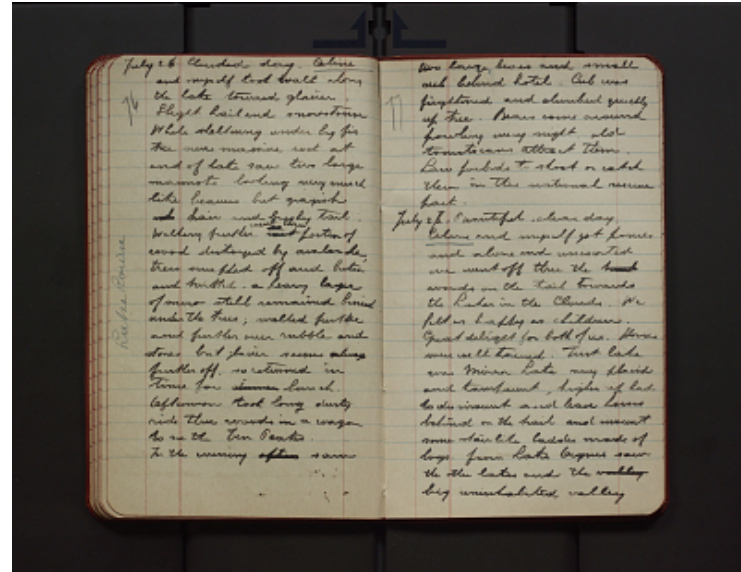
July 26. Clouded day. Celine and myself took walk along the lake toward glacier. Slight hail and snowstorm while sheltering under big fir tree near massive rock at end of lake saw two large marmots looking very much like beavers but grayish hair ~~[[?]]~~ and bushy tail. vertical entry in margin Lake Louise walking further ~~[[?]]~~ went thru portion of wood destroyed by avalanche trees snapped off and broken and twisted. a heavy layer of snow still remained buried under the trees; walked further and further over rubble and stones but glacier seems always further off. so returned in time for ~~[[?]]~~ dinner ~~[[?]]~~ lunch. Afternoon took long dusty ride thru woods in a wagon to the Ten Peaks. in the evening ~~[[?]]~~ saw

[[end page]]
[[start page]]

77

two large bears and small cub behind hotel. Cub was frightened and climbed quickly up tree. Bears come around prowling every night. Old tomato cans attract them. Law forbids to shoot or catch them in this national reserve park.

July 26. Beautiful, clear day. Celine and myself got ponies and alone and unescorted we went off thru the ~~[[?]]~~ woods on the trail towards the Lake in the Clouds. We felt as happy as children. Great delight for both of us. Horses were well trained. First Lake was Mirror Lake very placid and transparent, higher up had to dismount and leave horses behind on the trail and mount some stair like ladders made of logs. From Lake Agnes saw the other lakes and the ~~[[?]]~~ valley ~~[[?]]~~ big uninhabited valley



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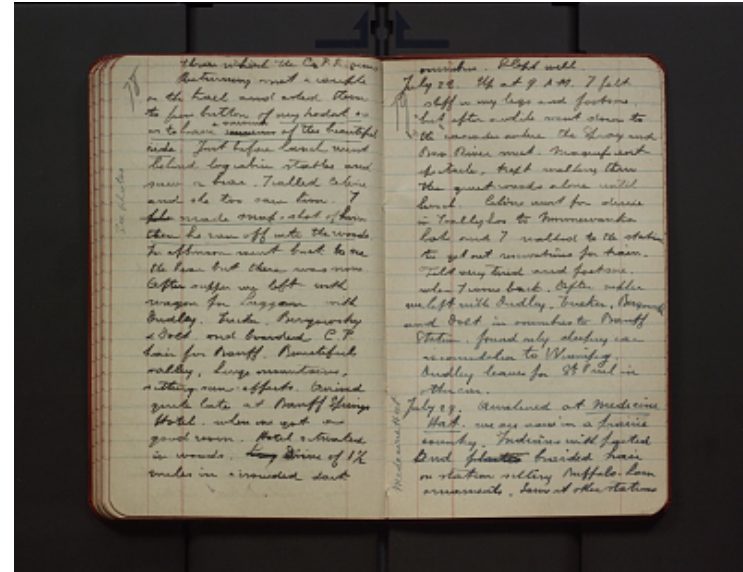
[[margin]]78[[/margin]]

thru which the CPR runs Returning met a couple on the trail and asked them to press button of my Kodak so as to have a souvenir of this beautiful ride. Just before lunch went behind log cabin stables and saw a bear. I called Celine and she too saw him. I ~~made snap-shot of him then he ran off into the woods.~~ In afternoon went back to see the bear but there was none. After supper we left with wagon for best guess - Lagoon with Dudley. Tucker. Bergowsky & Dolt and boarded C.P. train for Banff. Beautiful valley, large mountains, setting sun effects. Arrived quite late at Banff Springs Hotel. when we got a good room. Hotel situated in woods ~~scribble~~ Drive of 1 1/2 miles in a crowded dark [[end page]]

[[start page]]omnibus. Slept well.

July 28. Up at 9. A.M. I felt stiff in my legs and footsore but after a while went down to the [?] where the Spray and Bow River meet. Magnificent spectacle, kept walking thru the quiet woods alone until lunch. Celine went for drive in trolley has to Minnewanka Lake and I walked to the station to get reservations for train.

Felt very tired and footsore. When I came back. After supper we left with Dudley, Tucker, Bergowski and Dolt in omnibus to Banff Station. Found only sleeping car accommodation to Winnipeg. Dudley leaves for St Paul in other car. [[in margin - Medicine Hat]] July 29. Arrived at Medicine Hat. We are now in a prairie country. Indians with parted and ~~plaites~~ braided hair on station selling buffalo hair ornaments. Some at other stations. [[end page]]



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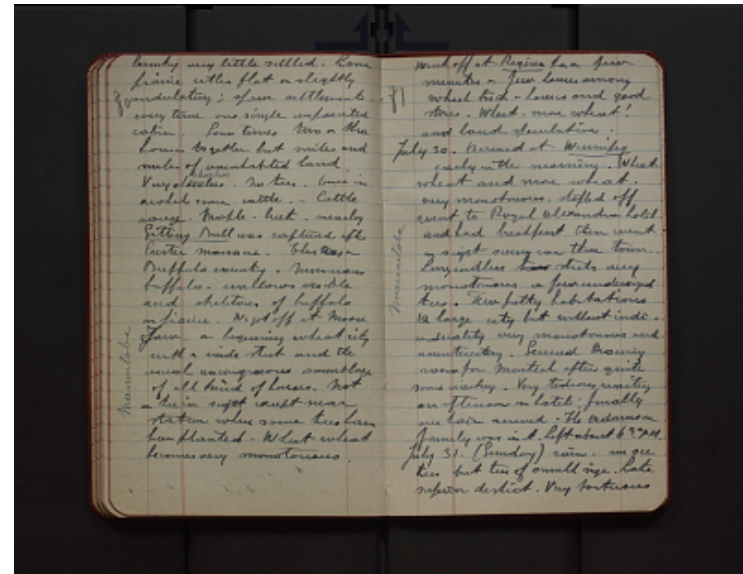
Country very little settled. Lone prairie either flat or slightly undulating; sparse settlements. every time one single unpainted cabin. Some times two or three houses together but miles and miles of uninhabited land. Very [^]cheerless. No trees. Once in awhile some cattle. Cattle ranges. Maple. Creek?. nearby. Sitting Bull was captured after Custer massacre. This? was a Buffalo country. Numerous buffalo. wallows visible and skeletons of buffalo on prairie. We got off at Moose Jaw. A beginning wheat city with a wide street and the usual incongruous assemblage of all kind of houses. Not a tree in sight except near station where some trees have been planted. Wheat wheat becomes very monotonous. end page]]

[[start page]] 81 Mannitoba Regina for a few minutes a few houses among wheat brick & houses and good stores. Wheat. more wheat! and land speculation.

July 30. Arrived at Winnipeg early in the morning. Wheat wheat and more wheat. Very monotonous. Stopped off went to Royal Alexandra hotel and had breakfast then went on sight seeing car thru town.

Long endless ~~trees~~ streets very monotonous a few undersized trees. Few pretty habitations in large city but without individuality very monotonous and uninteresting. Secured Drawing room for Montreal after quite some waiting. Very tedious waiting an afternoon in hotel; finally our train arrived. The Adamson family was in it. Left about 6-30 PM.

July 31. (Sunday) rain. we see trees but trees of small size. Lake superior district. Very torturous end page]]



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railroad following [[?]] of Lake Superior, Rocky Shore. District ~~was~~ all very ~~mostly~~ mostly wild and unsettled, at every station a few indians in ordinary clothes. Log-cabin, saw a few birch canoes in water. This is supposed to be excellent moose hunting and fishing district. Gold & silver mines nearby. Tedious monotonous journey same landscape all day small woods, small pines landscape intersected by rivers and lakes.

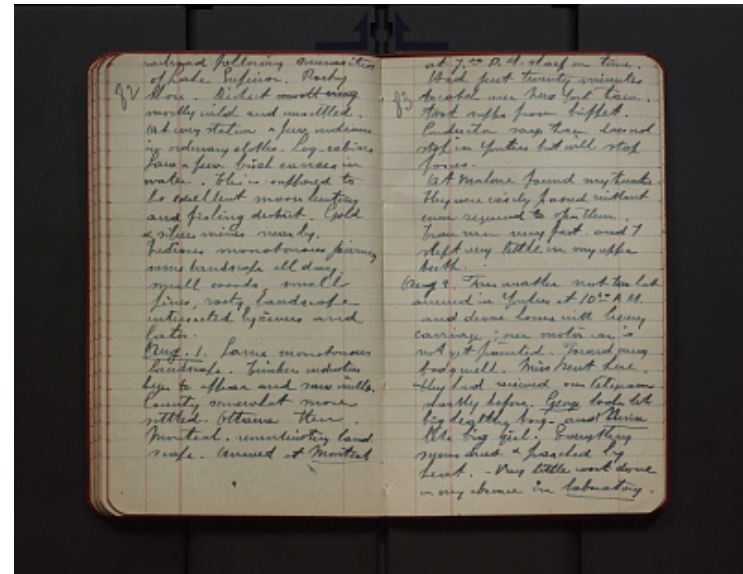
[[at Malone?]] Aug. 1. Same monotonous landscape. Timber industries begin to appear and saw mills. Country somewhat more settled. Ottawa then Montreal. ~~uninhabited?~~ landscape. Arrived at Montreal
[[end page]]

[[start page]] 83 [[margin]]

at [[1?]] P.M. sharp on time. And just twenty minutes to catch our New York train. took rolls from buffet. Conductor says train does not stop in Yonkers but will stop for us.

[[at Malone?]] found my trunks. They were easily passed without even required to open them. Train ran very fast and I left my [[?]] in my upper berth.

Aug 2 Fair weather not too hot arrived in Yonkers at 1020 AM and drove home with livery carriage; our motor car is not yet painted. found every body well. Miss Kent? here they had received our telegram shortly before George looks the big healthy boy and Ninn? like big girl. Everything seems dried & parched by heat. -Very little work done in my absence in laboratory.
[[end page]]



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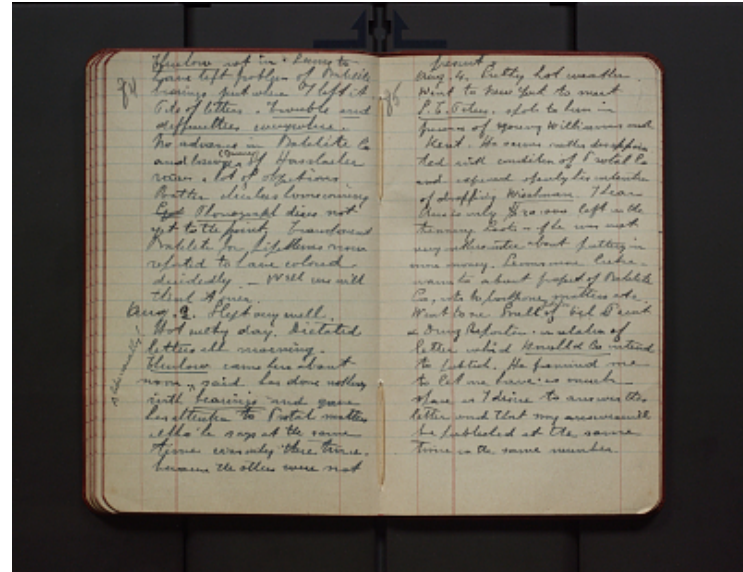
[[underlined]] [[Hurlow?]] [[/underlined]] not in. seems to have left problem of Bakelite bearings just where I left it. Pile of letters. [[underlined]] Trouble and difficulties everywhere. [[/underlined]] No advance in Bakelite Co and lawyer (Greevey) of Hasslachter raises a lot of objections. Rather cheerless homecoming. ~~G~~ [[underlined]] Phonograph [[/underlined]] discs not yet to the point. Transparent Bakelite for pipe stems now reported to have colored decidedly. Well we will think it over.

Aug. [[?]] Slept very well. Hot sultry day Dictated letters all morning. [[?]] came here about noon. said he has done nothing with bearings and gave his attention to Protal matters altho' he says at the same time was only there twice because the other were not
[[Margin]] ^like usually! [[/margin]]
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[[margin]] 85 [[/margin]]

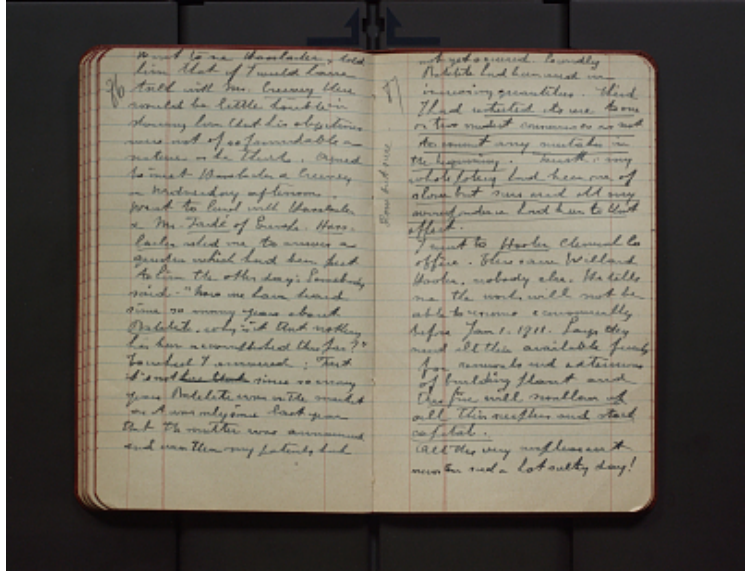
present.
Aug. 4. Sultry hot weather. Went to New York to meet S.C.Peters spoke to him in presence of young Williams not Kent. He seems rather disappointed with contribution of Portal Co. and expressed openly his interest of dropping Wiechman I hear there is only \$30,000 left in the treasury. Looks as if he was not very enthusiastic about putting in some money. Seems more lukewarm about profit of Bakelite Co, wants to postpone matters etc. Went to see Snell of ^{[[^?]]} oil paint & Drug Reporter. in relation of letter which Knoll & Co intend to publish. He promised me to let me have as much space as I Desire to answer this letter and that my answer will be published at the same time in same number.



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meant to me Hasslacher? told him that if I could have talk with Mr Creevey there would be little trouble in showing him that his objections were not of so formidable a nature as he thinks. Agreed to meet Hasslacher and Creevey on Wednesday afternoon. Went to lunch with Hasslacher + Mr Tade of Eunope. Hasslacher asked me to answer a question which had been put to him the other day: Somebody said. "how we have heard since so many years about Bakelite. why is it that nothing has been accomplished thus far?" To which I answered; First it is not ~~that~~ since so many years Bakelite was in the market or it was only since last year that the matter was announced and was then my patents had
[[end page]]

[[start page]]
[[in margin]] 87
[[in margin]] slow but sure
not yet occurred. Secondly Bakelite had been used in increasing quantities. Third I had restricted its use to one or two modest consumers so as not to commit any mistakes in the beginning. Fourth: my whole focus had been one of slow but sure and all my correspondence had been to that effect. I went to Hooker Clemical Co office. Then saw Willard Hooker, nobody else. He tells me the work will not be able to resume economically before Jan 1. 1911. Says they need all their available funds for renewals and extensions of building plant and this fire will swallow up all their surplus and stock capital.
All this very unpleasant news on such a hot sultry day! [[end page]]



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[[in margin]]88[[/in margin]]

Matters certainly look rather unpleasant and will need my full care and attention. Saturday I shall confer with Swan about situation in Bridgeport and on Monday have meeting of executive committee of Protal Co. On Tuesday I shall hand in my letters to Snell of Oil Paint & Drug Reporter. and on Wednesday I shall meet Hasslacher and his attorney.

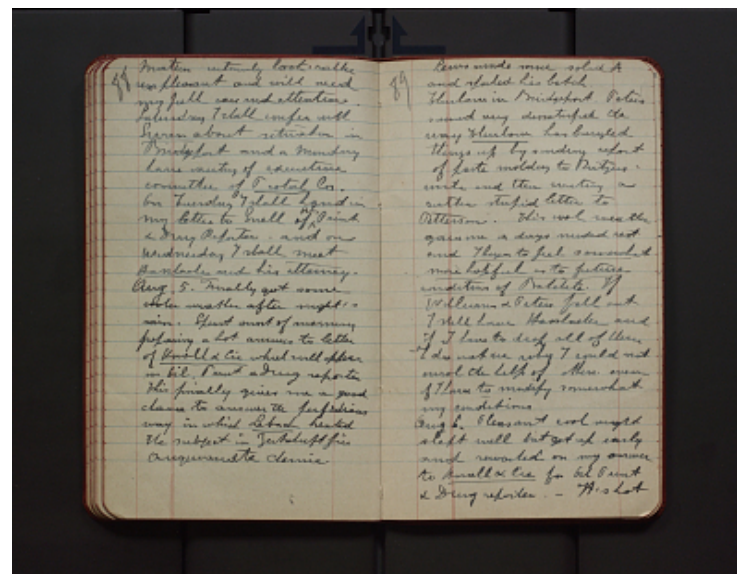
Aug 5. Finally got some cooler weather after night's rain. Spent most of morning preparing a hot answer to letter of Knoll and Cie which will appear in Oil, Paint & Drug Reporter This finally gives me a good chance to answer the perfidious way in which Lebach treated the subject in Zeitschrift für Organische? Chemie
[[end page]]

[[start page]]

[[margin]] 89

Lewis made some solid A and spoiled his batch. Thurlow in Bridgeport. Peters seemed very dissatisfied the way Thurlow has bungled things up by sending report of paste molding to Rütgerswerke and then writing a rather stupid letter to Patterson. This cool weather gave me a days needed rest and I begin to feel somewhat more hopeful as to future conditions of Bakelite. If Williams and Peters fall out I shall have Hasslacher and if I have to drop all of them I do not see why I could not enrol the help of others. even if I have to modify somewhat my conditions.

Aug 6. Pleasant cool night slept well but got up early and reworked on my answer to Knoll & Cie for Oil Paint and Drug reporter. - It's hot



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shot now. and really the right opportunity to vindicate myself from their repeated insinuations.

Lewis reported yesterday about accident to front [??] of my motor car while I was away.

Learned also about the great trouble May had with heating barrels of Cresol which flooded his place and caused him much inconvenience and anxiety. nothing but bad news [vertical entry in margin]

Since I am back I have heard about nothing but troubles. Not a single piece of good news. --We have to take it as it comes but sometimes it is discouraging to find all efforts end wrong. Lewis & George fetched motor car from painter. On arriving here find Brady has insufficiently secured shaft sleeve to differential box

end page]
start page]

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and everything has torn loose and new pinion? badly damaged. More trouble and car out of service.

Afternoon Swan came here to confer about business situation of Protal Co. they have some small orders and several large orders in sight. Complains about interference of laboratory department and unbusinesslike tendencies

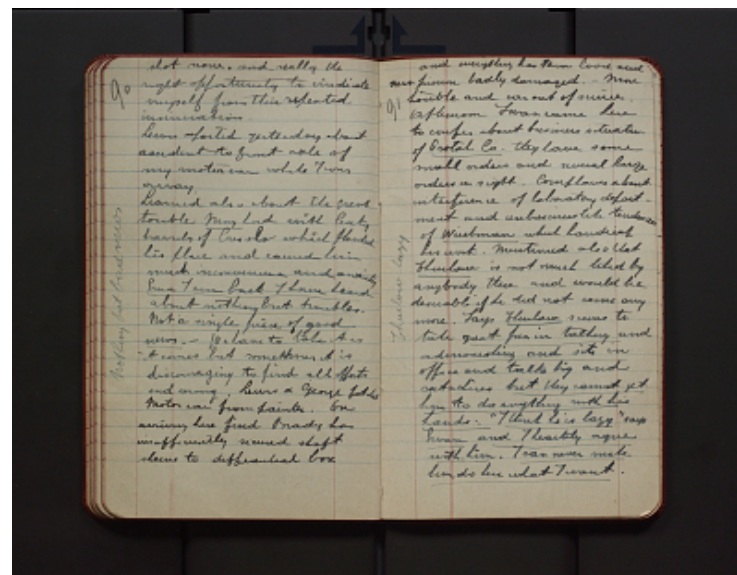
of Wiechman which handicap his work.

Mentioned also that Thurlow is not much liked by anybody there and would be

desirable if he did not come anymore. Says Thurlow seems to

take great fun in talking and admonishing and sits in office and talks big and criticizes? but they cannot get him to do anything with his hands. "I think he is lazy" says Swan and I heartily agree with him. I can never make him do here what I want. Thurlow lazy [vertical entry in margin]

Thurlow lazy [marginal entry]
end page]



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Explained me trouble in molding which I think simply due to asbestos insufficiently ground.

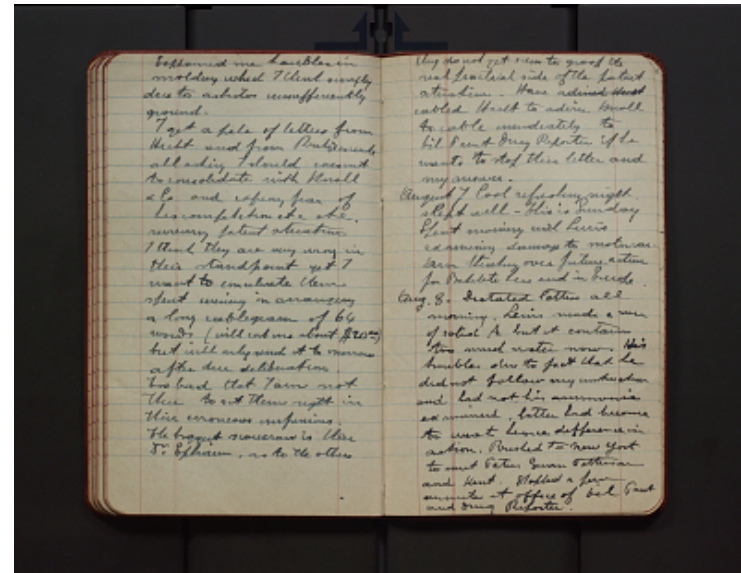
I got a pile of letters from Hecht and from Rutgerswerke all asking I should consent to consolidate with Knoll & Co and expressing fear of his competition etc. renewing patent situation I think they are very wrong in their standpoint yet I want to conciliate them spent evening in arranging a long cablegram of 64 words (will cost me about \$20.00) but will only send it to morrow after due deliberation. Too bad that I am not there to set them right in their erroneous impressions. The biggest scarecrow is this Mr Ephraim, as to the others

[[end page]]
 [[new page]]

they do not yet seem to grasp the real practical side of the patent situation. Have ~~advised~~ Hecht ~~cabled~~ Hecht to advise Knoll to cable immediately to Oil Paint Drug Reporter if he wants to stop their letter and my answer.

August 7 Cool refreshing night slept well - This is Sunday Spent morning with Lewis examining damage to motor car. Am thinking over future action for Bakelite here and in Europe.

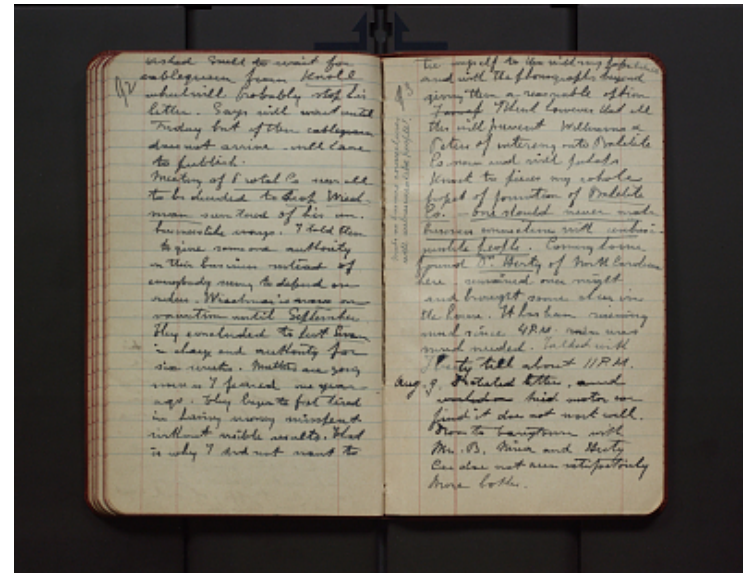
Aug. 8. dictated letters all morning. Lewis made a run of solid A but it contains too much water now. His trouble due to fact the he did not follow my instructions and had not his ammonia examined, latter had become to wet hence difference in action. Rushed to New York to meet Peters Swan Patterson and Kent. Stopped a few minutes at office of Oil Paint and Drug Reporter.



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92 asked Snell to wait for cablegram from Knoll which will probably stop his letter. Says will wait until Friday but if this cablegram does not arrive . will have to publish. meeting of Protal seem all to be decided to Drop Wiedman, am tired of his un-businesslike ways. I told them to give some one authority in their business instead of everybody seeming to defend an order. Wiedman is now on vacation until September They concluded to put Swan in charge and authority for six weeks. Matters are going now as I feared one year ago. They begin to feel tired in having money misspent without visible results. That is why I did not want to

93 tie myself to them with my paper (in pencil, on edge bakelite) and with the phonographs beyond giving them a reasonable option ~~[[Fa?af]]~~ Think however that all this will prevent Williams + Peters of entering into Bakelite Co. now and will perhaps knock to pieces my whole project of formation of Bakelite Co. - one should never make business connections with unbusinesslike people. Coming home found Dr. Herty of North Carolina here. remained one night and brought some cheer in the house. It has been raining much since 4P.M. rain was much needed. Talked with Herty 'till about 11P.M. *[[written in margin in pencil]]* Make no business connections with unbusinesslike people! *[[written in margin]]* Aug. 9. Dictated letters, and ~~[[?]]~~ tried motor car find it does not work well. Drove to Tarrytown? with Mrs. B. Nina and Herty Car dose not run satisfactorily more bother.



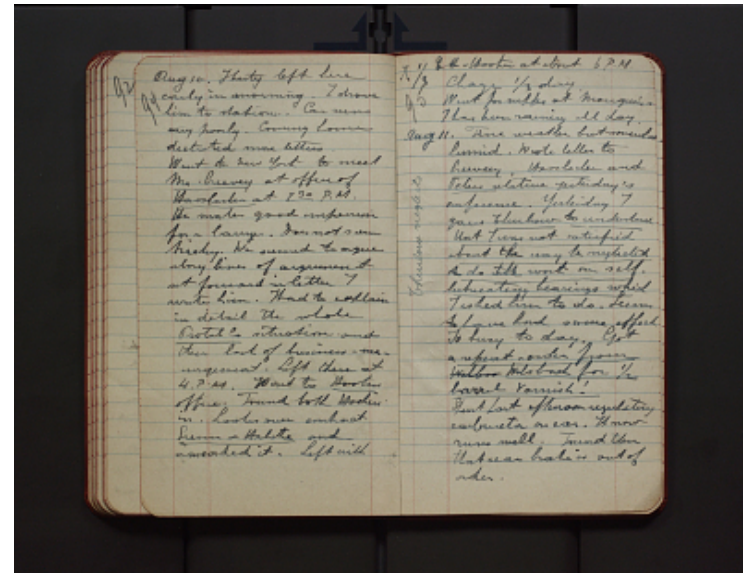
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94 Aug 10. Herty left here early in morning. I drove him to station. Car runs very poorly. Coming home dictated more letters. Went to New York to met Mr. Creevey at office of Hasslacher at 2³⁰ P.M. He makes good impression for a lawyer. Does not seem tricky. We seemed to agree along lines of argument set forward in letter I wrote him. Had to explain in detail the whole Protal Co situation and their lack of business-management. Left there at 4 P.M. Went to Hooker office. Found both Hookers in. Looked over contract Siemens & Halske and amended it. Left with

X 1/3 95 E. H. Hooker at about 6 P.M. Charge 1/3 day. Went for supper at Maugueria's. Has been raining all day.

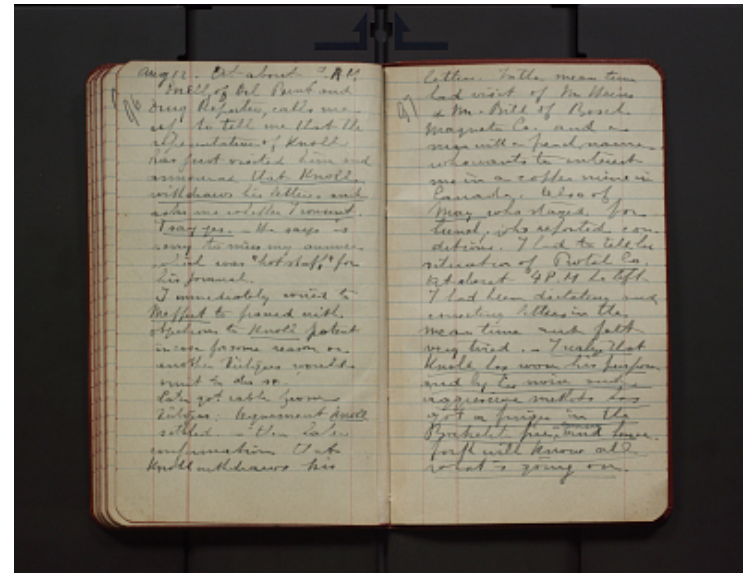
Aug 11. Fine weather but somewhat humid. Wrote letter to Creevey, Hasslacher and Peters relative yesterday's conference. Thurlow neglects. Yesterday I gave Thurlow to understand that I was not satisfied about the way he neglected to do the work on self-lubricating bearings which I asked him to do. Seems to have had some effect. Is busy to day. Got a repeat-order from Walb ~~Wolstad~~ for 1/2 barrel varnish!

Spend last afternoon regulating carburetor on car. It now runs well. Found then that rear brake is out of order. [end page]



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Aug 12. Out about 9. AM
 Snell of Oil paint and Drug Reporter, calls me up to tell me that the representative of Knoll has just visited him and announced that Knoll withdraws his letter, and asked me whether I consent. I say yes. He says is sorry to miss my answer which was "hot stuff" for his journal.
 I immediately wired to Meffert to proceed with objection to Knoll patent in case for some reason or another Rutgers would omit to do so.
 Later got cable from Rutgers: Argument Knoll settled. then later confirmation that Knoll withdraws his
 [[end page]]
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 letter. In the mean time had visit of Mr. Heins & Mr. Bill of Bosch Magneto Co. and a man with a french name who wants to interest me in a copper mine in Canada. Also of May who stayed for lunch, who reported conditions. I had to tell the situation of Protal Co. At about 4P.M he left, I had been dictating and correcting letters in the mean time and felt very tired. I realize that Knoll has won his purpose and by his noise and aggressive methods has got a finger in the Bakelite fire ^ in Germany and hence forth will know all what's going on.
 [[/underline]]
 [[end page]]



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Next I shall have to defend my position in the U.S. Slept very poorly.
Aug 13. Beautiful weather. Dictated some letters and took a restful day.

Aug 14. Worked on my contract for Bakelite Co.
 Afternoon took motorcar ride with family thru woodland - woods - natural wild place, steep difficult descend. then along sound beautiful residences [? Lorchment] etc. thence thru Botanical garden + [? Modoler] Park home. We were impressed with good taste displayed in all the country residences.

Aug 15. Lewis made some good varnish with new [?german] [?Creso].
 Heard word of a certain Ms. Winny who wants to see Bakelite in

Aug 16. Got up early and calculated sources of income and of expenses. Lewis made some more varnish. Rainy weather. At noon went to meeting of Protal Co. Got telegram from [?Meffert?] telling me they have not filed objection to patent of Knoll as directed because Knoll has assigned patent to Bakelite Co Got letter of [?Hadt] announcing agreement with Knoll.
 At Peters office [?Swan] son of Williams. Patterson & [S.T] Peters were present discussed will Swan technical matters. Gave Peters copy of suggested changes to contract with Bakelite Co. told him [?Hasslner] is still ready to go ahead with \$200,000 Peters does not tell me he [withdraws?] and becomes

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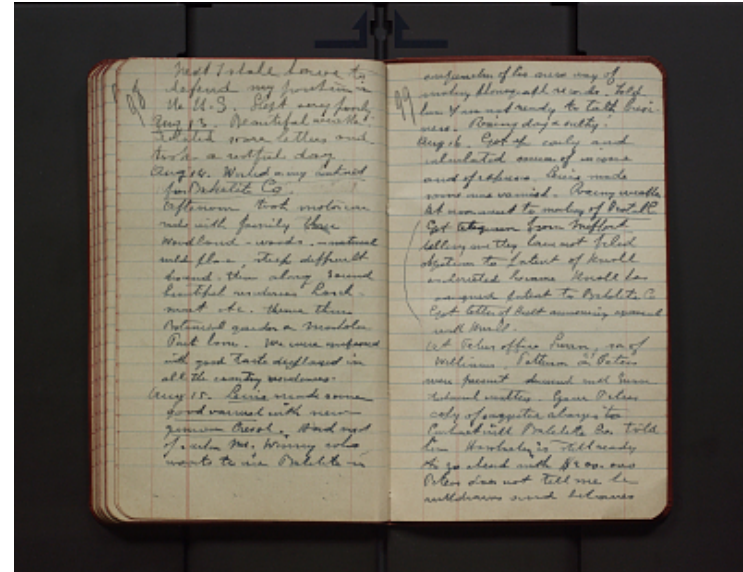
99

conjunction of his new way of making phonograph records. Told him I was not ready to talk business. Rainy day & sultry!

Aug 16. Got up early and calculated sources of income and of expenses. Lewis made some more varnish. Rainy weather. At noon went to meeting of Protal Co. Got telegram from [?Meffert?] telling me they have not filed objection to patent of Knoll as directed because Knoll has assigned patent to Bakelite Co Got letter of [?Hadt] announcing agreement with Knoll.

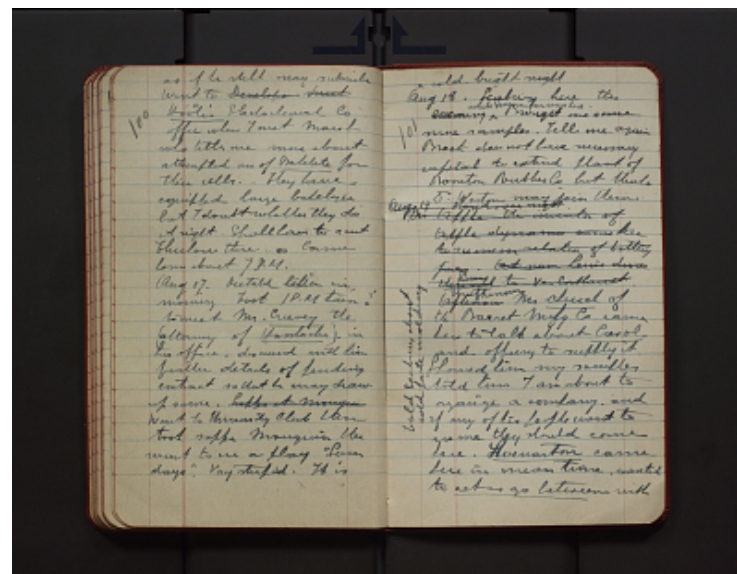
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[[end page]]



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as if he still may subscribe Went to ~~Develop~~ street ~~Hooker~~ Electrochemical Co office where I met Marsh who tells me more about attempted use of Bakelite for their cells. They have equipped large bakelizer but I doubt whether they do it right. Shall have to ~~send Thurlow?~~ there. Came home about 7 P.M.
 Aug 17. dictated letters in morning Took 1 P.M train. to meet Mr Creevey the (attorney of Hasslach). in his office, discussed with him further details of funding contract so that he may draw up same. ~~Supper at Maugue~~ Went to University Club later took supper Mouquinn then went to see a play "Seven Days". Very ~~satisfied?~~. It is ~~end page~~
~~start page~~ 101 a cold bright night.
 Aug 18. ~~Seaburg?~~ here this evening ^ ~~while~~ was here. Brought me some more samples. Tells me again Brack does not have necessary capital to extend plant of Noonton Rubber Co but thinks S. Werton may join them. ~~Aug 19 Stayed over night. Mr. Apple the inventor of Apple dynamo cane here to~~ relation of battery. At noon Lewis drove them him all to Van Courtlands. Afternoon ~~This afternoon Mr. church of the Barnet Mfg Co came here to talk about Cresol and offering to supply it. Showed him my samples told him I am about to organize a company. and if any of his people want to see me they should come here. Huenanton?~~ came here in mean time, wanted to ~~act as go between~~ with ~~told Seaburg about cold parte molding~~ ~~end page~~

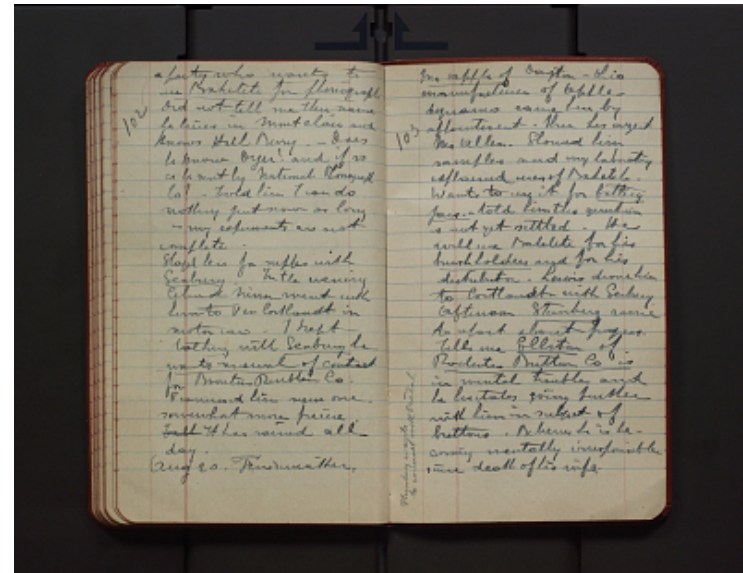


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a party who wants to use Bakelite for phonograph. Did not tell me their name he lives in Montclair and knows Hall Derry. Does he know Dyer? and if so is he sent by National Phonograph Co? Told him I can do nothing just now as long as my experiments are not complete. Stayed here for supper with Seabury. In the evening Celine & Nina went with him to Van Cortlandt in motor car. I kept nothing with Seabury he wants renewal of contract for Boonton Rubber Co. Promised him new one. somewhat more precise. ~~It has rained all day.~~
Aug 20. Fine weather.
[[end page]]

[[start page]]
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Mr Apple of Dayton-Ohio manufacturer of Apple dynamo came here by appointment. Thru his agent Mr Allen. Showed him samples and my laboratory explained uses of Bakelite. Wants to use it for battery part. told him this question is not yet settled. He will use Bakelite for his brush holder and for his distributor. Lewis drove him to Cortlandt with Seabury. Afternoon Steinberg came to talk about progress. tells me Ellston of Rodentes? Button Co is in mental trouble and he hesitates going further with him in subject of buttons. Believes he is becoming mentally irresponsible since death of his wife.
[[vertical in margin]] Sternberg wants to connect with Protal
[[End Page]]



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Reported of many other pending matters. I told him his connection with Protal was formally out of the question because there was going to be some stir-up there on account of disappointment stockholders begin to feel.

Advised him to stay with Dickinson. He remained here for supper. We drove him to Cortlandt.

Aug 21. Slept poorly - Beautiful

Did not sleep well. Dictated letters this morning. Lewis made run of Solid A Beautiful weather. This

George was ill with fever yesterday but is up again today and seems to have recovered. Nina has been ill. upset-stomach last night. Went out

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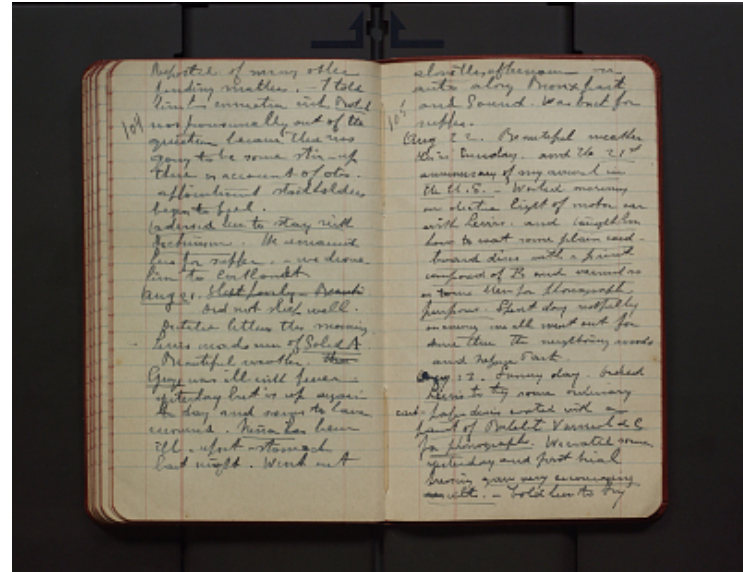
105

alone this afternoon in auto along Bronx park and Sound. Was back for supper.

Aug 22. Beautiful weather this is Sunday. and the 21st anniversary of my arrival in the U.S. Worked morning on electric light of motor car with Lewis. and taught him how to coat some plain cardboard discs with a paint compound of B and varnish so as to use them for phonograph purposes. Spent day restfully on evening we all went out for drive thru the neighboring woods and Nepera Park.

Aug 23. Sunny day. Asked Lewis to try some ordinary card-paper discs coated with a paint of Bakelite Varnish & C for phonographs. We coated some yesterday and first trial pressing very encouraging results. Told him to try

[end of page]



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further with coarse and thick strawboard paper.

Dictated letters most of the day.

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Aug. 26 Went to New York ~~will~~ took lunch with Evans at Mouquin's. Then met Creevey at 1 P.M. did not expect me. says contract not yet ready. Went to Hooker Electrochemical Co.

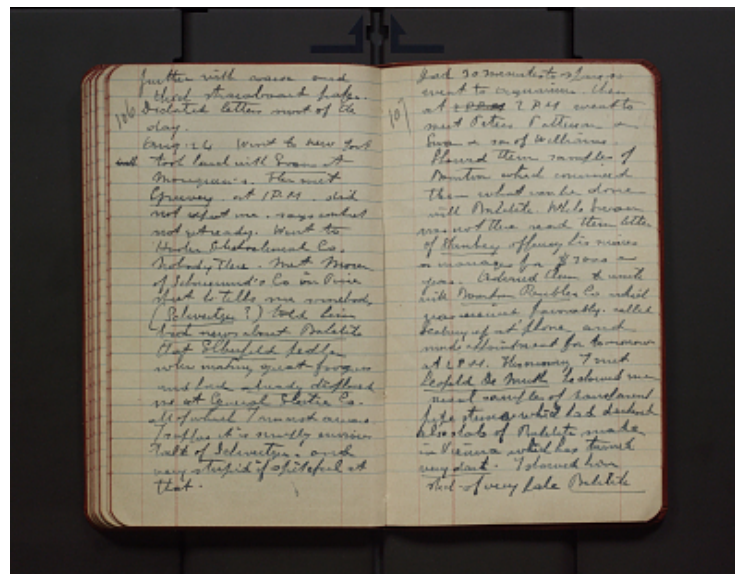
Nobody there. Met Moses of Schnierund's Co. in Pine street he tells me somebody (Schweitzer) told him Schweitzer bad news about Bakelite that Schweitzer Silberfeld people were making great progress and had Schweitzer already displaced me at General Electric Co. all of which I was not aware. I suppose it is mostly curious talk of Schweitzer. and very stupid if spiteful at that.

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107

Had 30 minutes to spare so went to aquarium. then at ~~2 P.M.~~ 2 P.M. went to meet Peters Patterson & Swan & son of Williams. Showed them samples of Noonton which convinced them what can be done with Bakelite. While Swan was not there read them letter of Steinberg offering his services as manager for \$3000 a year. Advised them to unite with Noonton Rubber Co. which was received favorably. called Seabury up at phone and made appointment for tomorrow at 2 P.M. This morning I met Leopold De Mulh he showed me several samples of transparent pipe stems which had darkened also slab of Bakelite made in Vienna which has turned very dark. I showed him slice of very pale Bakelite.

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[[pencil note upper left corner]]108 [[/pencil note upper left corner]]made from phenol and very small amount of sulphate. The color of met seem to please him very much.

Told him we must go slow and learn more about keeping qualities. - agrees with me in this respect.

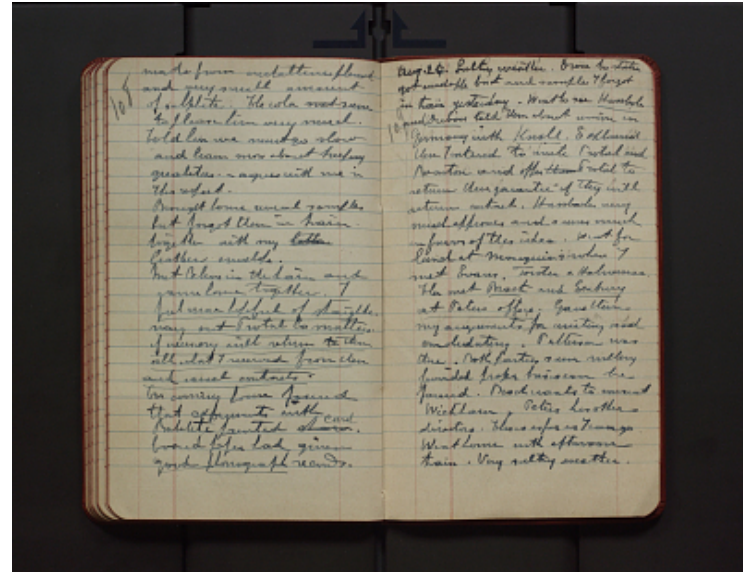
Brought home several samples but forgot them in train. together with my letter leather envelope.

Met Celine in the train and came home together. I feel more hopeful of straight. may out Protal Co matters. if necessary will return to them all what I received from them and cancel contracts.

On coming home found that experiments with Bakelite painted straw card. board paper had given good phonograph records.

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Aug. 27. Sultry weather. Drove to station got envelope back and samples I forgot in train yesterday. Went to see Hasslacher and Dubois told them about union in Germany with Knoll. Explained then I continued to write Protal and Noonton and offer them Protal to return their guarantee if they will return contract. Hasslacher very much approve and seem much in favor of this idea. Went for lunch at Mauquins where I met Evans, Torter and Hasslacher. Then met Bruck and Seaburg at Peters office. Gave them my arguments for uniting and consolidating. Patterson was there. Both parties seem willing provided proper basis can be found. Bruck wants to & Peters his other Directors. This is as far as I can go. Went home with afternoon train. Very sultry weather.



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Aug 25. Another sultry day. Drove to station, ~~[[strickethrough]]~~ told ~~[[strickethrough/]]~~ hurried lunch then met Greevey who submitted draft of information ^{[[110 [[located in margin fifth line]]} for Bakelite Co. It looks all right. to me; will have agreement ready for next meeting Went to Seligburg [[underline]]. [^] [[met Seligman]] sold 200 Smelters and bought 200 Steel Cannon so as not to keep too much of one some stock. Came home in afternoon train. Lewis has made [[underline]]two runs of solid A [[/underline]]

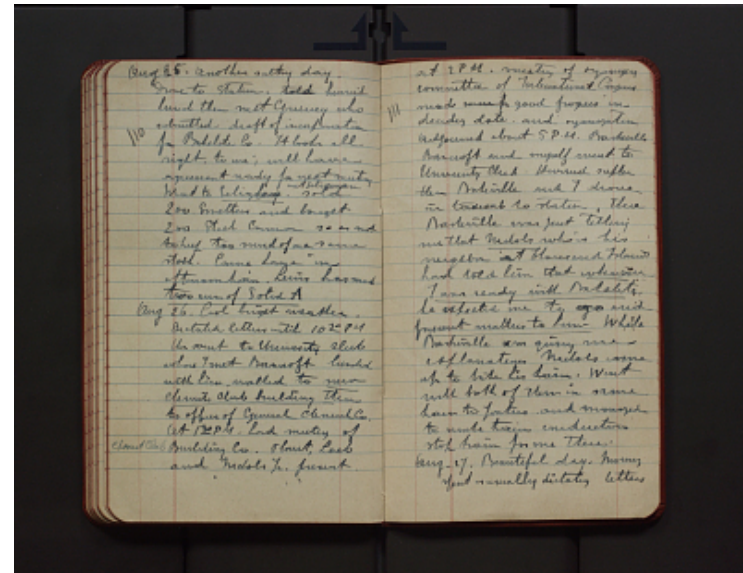
Aug 26. Cool bright weather.

Dictated letters until 10^{[[superscript underline]]}30^{[[superscript underline]]} PM then went to University Club where I met Bancroft lunched with him. walked to [[underline]] new Chemists Club building [[underline]] then to offices of General Chemical Co. At 1^{[[superscript underline]]}30^{[[superscript unerlined]]} PM. had meeting at [[margin insert in pencil]] Chemists Club [[margin insert]] Burlating Co. [[Name?]], Loeb and [[Mcloth?]] Jr. present. [[end page]] [[start page]]

at 2 PM. meeting of organizing committee of International Congress made ~~[[strickethrough]]~~ some f ~~[[strike through]]~~ good progress in decidy date. and organization adjourned about 5 P.M. Baskerville Bancroft and myself went to University Club. Hurried supper then Baskerville and I drove in [[?]] to station. There Baskerville was just telling me that [[underline]] Nichols [[underline]] who is his neighbor at [[Hour?]] and Holmes had told him that [[underline]] whenever I was ready with Bakelite [[underline]] he expected me to go and [[underline]] present matters to him. [[underline]] While Baskerville was giving me [[explanations?]] Nichols came up to take his train. Went with both of them in same train to Yonkers and managed to make train conductor stop train for me there.

Aug 27. Beautiful day. Morning spent [[as?]] usually dictating letters

[[end page]]



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Gottlieb who is on vacation came up to day to examine some sample of transparent C. conferred with him on the subject. I see now that C. surrounds itself by and by by an increasing ~~zone~~ layer of dark material. Leursgunde use of alkali proof A for Sufberg. Harlow whom I went to Niagara Falls, and Toronto to visit. Hooker electrochemical Co and Carborundum + Aden and Cohoe reports of ~~reports~~ came back and reported. I explained him my new ideas about transparent C and about bakelite bearings. In afternoon went out for short time with Celine and Nina in motor car towards Hastings Then near Monastery and Hogs Hill.

Aug. 28. (Sunday) on morning in laboratory with Lewis

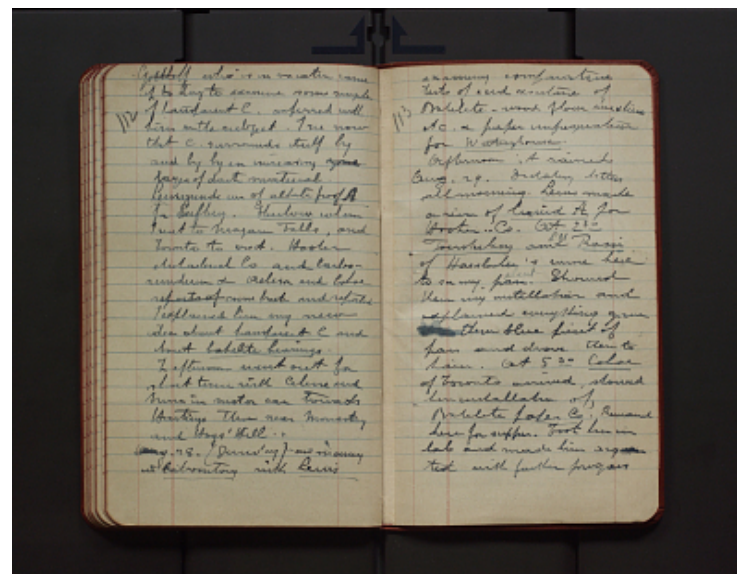
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examining comparative tests of a end ~~of~~ of Bakelite - wood flour mixture etc. & paper information for Westinghouse.

Afternoon : it rained

Aug. 29. Dictating letters allmorning. Lewis made a run of liquid A for Hooker. Co. At 2³⁰ Foersterling and Rossi of Hasslacher's came here to see my pass. ~~^~~ Showed them my installation and explained everything gave ~~them blue print of fan and drove them to train.~~ At 5³⁰ Cohoe of Toronto arrived, showed him installation of Bakelite Paper Co. Remained here for supper. Took him in lab and made him a ~~test~~ test with further progress



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^114

in molding. Dr Horne came here on a visit. Drove them both to the station then ~~to~~ Horne to his house.
Aug 30. At 130 went to Greevey's? office. he dictated further text of agreement General Bakelite Co. Went to University Club thence for supper Mourquin took 830PM train home.

^[[1910]]

Aug. 31. Month closes with over \$1200. sales. highest rendered yet.

^[[1200\$ sales this month!]]

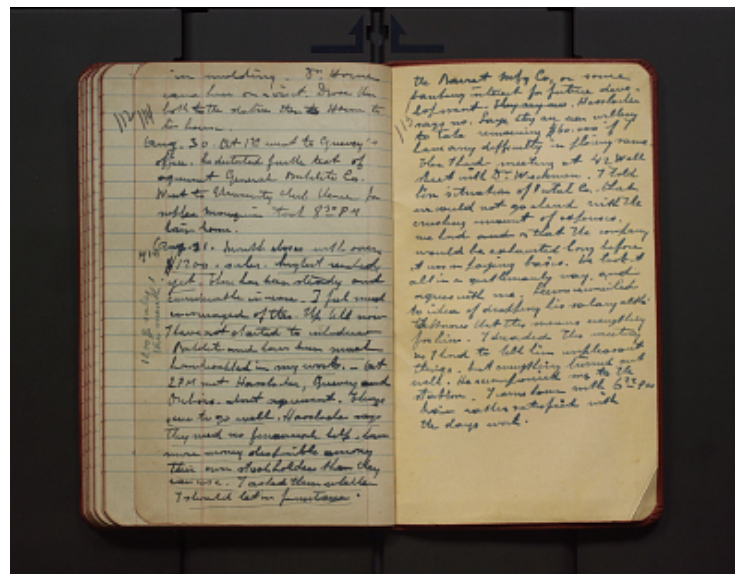
There has been steady and considerable increase. I feel much encouraged of this. Up till now I have not started to include Bakelite and have been much handicapped in my work. -At 2PM met Hasslacher, Greevey and Dubois. about agreement. Things seem to go well. Hasslacher says they need no financial help. Have more money dispensable among their own stockholders than they can use. I asked them whether I should let in percentages. end page

[[start page]]

^[[115]]

the Barret Mfg Co, or some banking interest for future development. ~~they say no~~. Hasslacher says no. Says they are even willing to take remaining \$60,000 if I have any difficulty in placing same. Then I had meeting at 42 Wall street with Dr. Wiechman. I told him situation of Protal Co., that we would not go ahead with the crushing amount of expenses. we had ~~and~~ or that the company would be exhausted long before it was in paying basis. He took it all in a gentlemanly way. and agrees with me. Seems as ineiled to idea of dropping his salary alho' we know that this means everything for him. I dreaded this meeting as I had to tell him unpleasant things. but everything turned out well. He accompanied me to the station. I came home with 622PM train rather satisfied with the days work.

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