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Leo Baekeland Diary Volume 6, 1910

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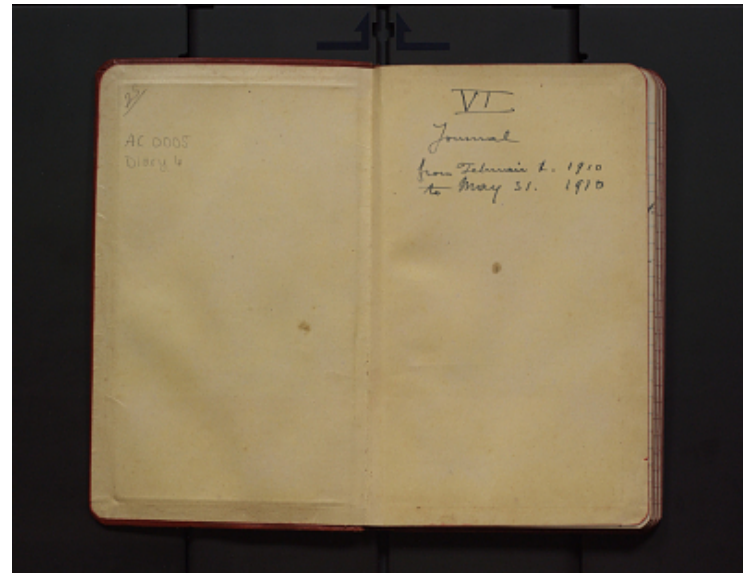
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[[on spine of book]] 6 [[number is underlined]] Feb 1st 1910 - May 31
1910 [[end page]]



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VI
Journal
from Februarie 1, 1910
to May 31, 1910



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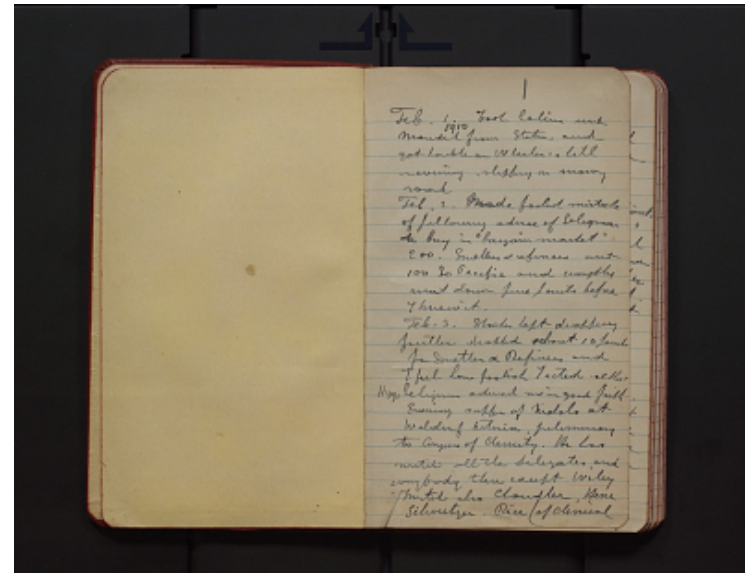
1

Feb. 1. 1910. Took Celine and Maude ¹⁹¹⁰ from Staten and got ^{Loubin?} ^{trouble on?} Wheeler's hill evening slippery in snowy road.

Feb. 2. ~~[[strikethrough]]~~ Made ~~[[strikethrough]]~~ foolish mistake of following advice of Selegman to buy in "bargain market" 200. Smetter & refiners and 100 So Pacific and completely went down five pounds before I knew it.

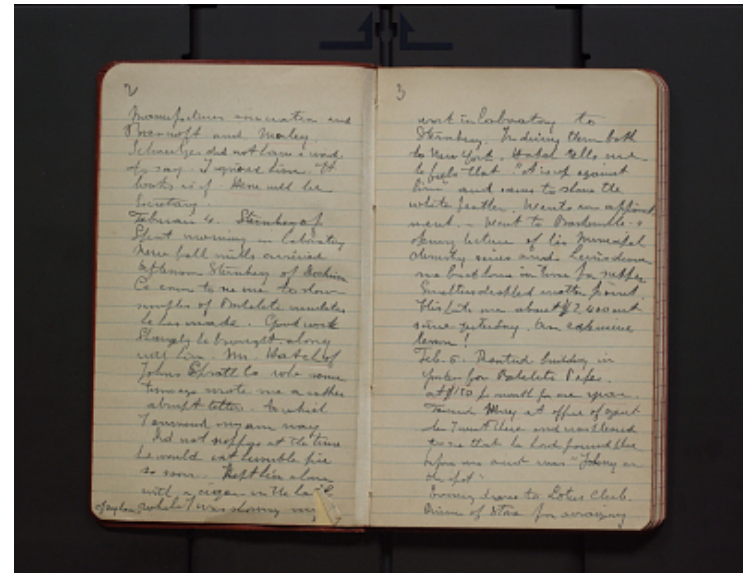
Feb. 3. Stock kept dropping further dropped about 10 pounds in ^{Smetter & Refiner} and I feel how foolish I acted. ^{Selegman} ^{assured} me in good faith

Evening supper of ^{Selegman} at Waldorf Astoria. preliminary to ^{Congress?} of Chemistry. He has ^{Selegman} all the delegates and everybody there except Wiley ^{Selegman} also Chandler ^{Selegman}. Rice (of clinical)



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Manufacturers association and Bancroft and Morley Schweitzer did not have a word to say. I ignored him. It looks as if Gene will be Secretary. February 4. ~~Sternberg of~~ Spent morning in laboratory new ball mills arrived afternoon Sternberg of Dickinson Co came to see me to show samples of Bakelite insulation he has made. Good work ~~shrengly~~ he brought along with him. Mr. Hatch of Johns Spratt Co who some time ago wrote me a rather abrupt letter, to which I answered my own way. I did not suppose at the time he would eat humble pie so soon. Left him alone with a cigar in the hall of my house while I was showing my work in laboratory to Sternberg. In driving them both to New York, Ansel tells me he feels that "A is up against him" and aims to show the white feather. Wants an appointment. Went to ~~Baskerville's~~ opening lecture of his mummified dentistry ~~[locius]~~ and Lewis drove me back home in time for supper. Smelters dropped another point. He's ~~[luts]~~ me about \$2400 out since yesterday. An expensive lemon! Feb. 5. Rented building in Yonkers for Bakelite ~~[Paper]~~. at \$150 per month for one year. Found Mary at office of agent when I went there and was pleased to see that he had found ~~[blue]~~ before me and was "Johnny on the spot" Evening drove to Lotus Club. Dinner of ~~[Stone]~~ for arranging



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Testimonial ~~[[?]]~~ ~~[[Dust?]]~~ to Chandler occasion of his retirement as professor. [[?]], Moore Baskerville, McMurtie, McKenna, and Schweitzer there - Why the latter? Afterward drove to Century Club, met Hooker there and some other acquaintances. Drove home with Lewis in rather cold night. 1910 February 6. Very cold windy day. Stayed home all day but for short motor excursion with George to Mandels and Hastings. So cold that ~~[[?]]~~ cheek ~~[[?]]~~ cheeks felt ~~[[pained?]]~~. I am afraid Radiator of car is frozen - had some trouble with cooling of cylinders on account of bad circulation.

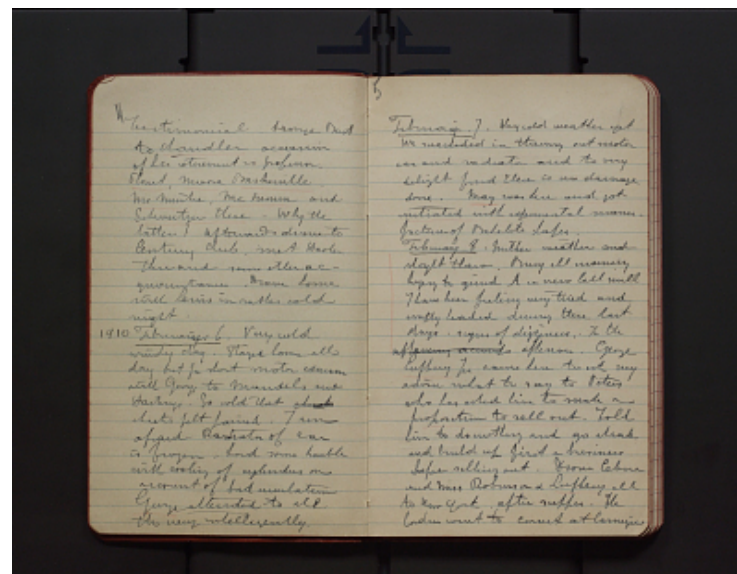
George attended to all this very intelligently.

~~[[end page]]~~

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Februar ~~[[?]]~~ ~~[[?]]~~ 7. Very cold weather yet we succeeded in thawing out motor car and radiator and to my delight found there is no damage done. May was here and got initiated [[?]] with experimental manufacture of Bakelite paper.

February 8. Milder weather and slight thaw. Busy all morning hoping to grind A in new ball mill. I have been feeling very tired and empty headed during these last days. signs of dizziness. In the ~~[[?]]~~ ~~[[?]]~~ afternoon George Lufbery Jr came here to ask my advice what to say to Peters who has asked him to make a proposition to sell out. Told him to do nothing and go ahead and build up first a business before selling out. Drove Celine and Miss Robinson & Lufbery all to New York after supper. He ~~[[later?]]~~ went to concert at Carnegie.



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Hall and I went to University Club. George is today fifteen years old. At his age I was ~~already~~ ~~?~~ I believe in the same mental condition as he is with the difference that he has had the benefit of better intellectual environment. I had to do everything by myself and find my own way. The only help I had was the encouragement of my beloved mother. There were fifteen candles burning on the cake which was served this evening at dinner.

~~birthday~~

February 8. Milder weather and thaw, then snow. We made a run? of Varnish 100 kilos and I began to put some shape in library of laboratory by classing my samples. Stocks have dropped still ~~?~~ during these last days. My

~~end page~~

~~start page~~

paper losses since purchasing these 300 shares ~~?~~ for which I paid in full as usually ~~?~~ amount already to way over \$3000! outside of depreciation of the stock I had. This stock market is a disheartening and demoralizing game!

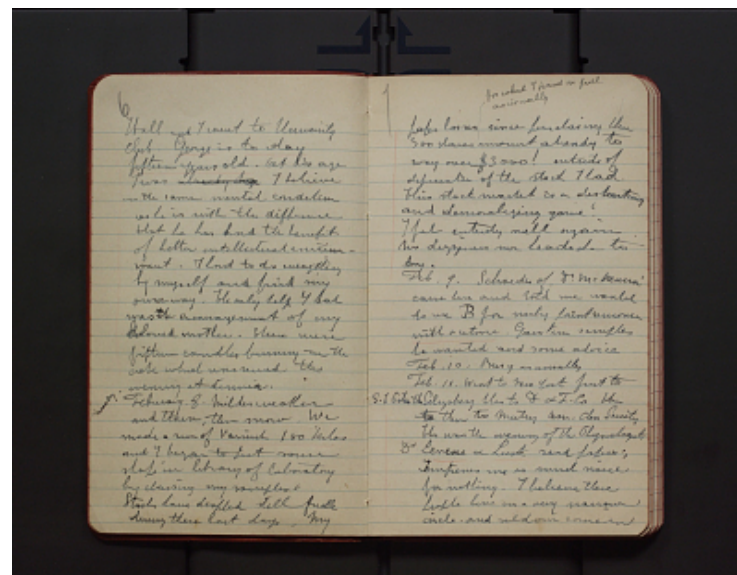
I feel entirely well again. No dizziness nor headache to day.

Feb. 9. Schroeder of J McKenna' came here and told me wanted to use B for making paint remover with acetone ?.

Gave him samples he wanted and some advice.

Feb. 10. Busy as usualy

Feb. 11. Went to New York first to ~~S.I. Peters?~~ then Seligsberg then to D & F. Co then ~~?~~ then to meeting Am. Chem Society. This was the evening of the Physiologist Dr. Levesse & Lusk read papers; Impresses me as much noise for nothing. I believe these people live in a very narrow circle and seldom come in



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contact with anybody outside of it. When I left Chemist Club there was a raging blinding blizzard altho' temperature was mild Train was rather late. Trolley cars much delayed and at about 2:15 P.M I was moving with difficulty through snow of Rock Lane. At Mougain I met [[Schmalz?]] and [[Vermorchen?]] and remained with them for a few minutes - Not the kind of people I am accustomed to.

Feb. 12. [[Cohoe?]] came here in afternoon. Showed me some samples of valve discs and insulators made in Toronto by him which indicate that he knows how to handle molding problem of Bakelite. He stayed for supper and ~~[[strickethrough]]~~ Geo ~~[[/strickethrough]]~~ I took him down to station at about 9 PM.

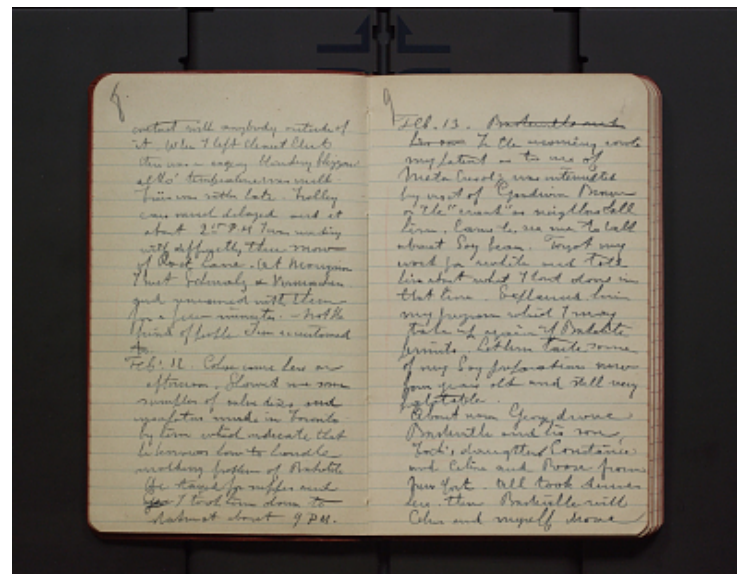
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Feb. 13. ~~[[strickethrough]]~~ Baskerville and his son ~~[[/strickethrough]]~~ In the morning wrote my patent as to use of [[Meta Cresol?]]; ~~[[/underlined]]~~ was interrupted by visit of Goodwin Brown or the "crank" as neighbors call him. Came to see me to talk about Soy bean. Forgot my work for awhile and told him about what I had done in that line. Explained him my program which I may take up again if Bakelite permits. Let him taste some of my Soy preparations now four years old and still very palatable.

About noon George drove Baskerville and his son back; daughters Constance and Celine and Rose from New York. All took dinner here. then Baskerville with Celine and myself drove



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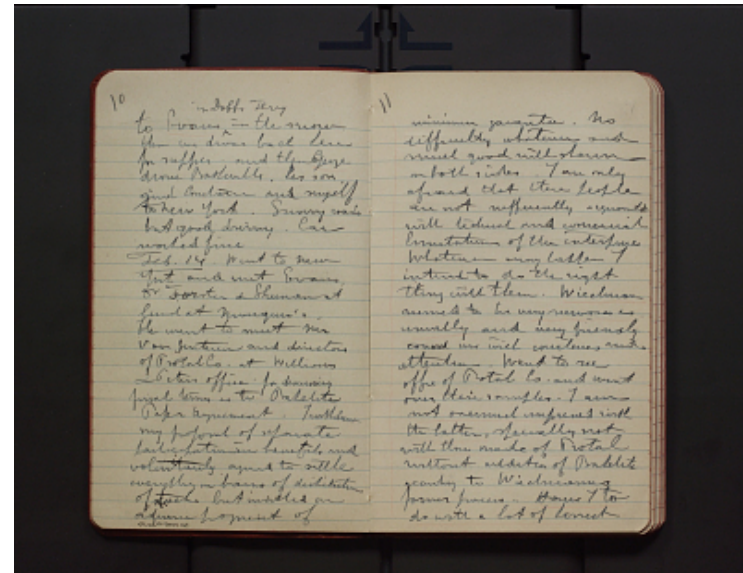
to Evans ^in Dobbs Ferry^ in the snow then we drove back here for supper and then George drove Baskerville, his son, and Constance and myself to New York. Snowy roads but good driving. Car worked fine. Feb. 14. Went to New York and met Evans, Dr. Forster & Shuman at lunch at Mouquin's. We went to meet Mr Von [[Jinteren?]] and directors of Protal Co. at Williams & Peters office for discussing final terms as to Bakelite Paper agreement. I withdrew my proposal of separate participation in benefits and I voluntarily agreed to settle everything in terms of distribution of stock but insisted on advance payment of

[[end page]]

[[start page]]

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minimum guarantee. No difficulty whatever and much good will shown on both sides. I am only afraid that these people are not sufficiently acquainted with technical and commercial limitations of this enterprise. Whatever may happen I intend to do the right thing with them. [[Wiechman]] seemed to be very nervous as usually [[/underlined]] and very friendly toward me with courtesies and attention. Went to see office of Portal Co. and went over their samples. [[I am not overmuch impressed with the latter, specially not with those made of Protal]] [[/underlined]] without addition of Bakelite according to Wiechmanns former process. Have I to do with a lot of honest



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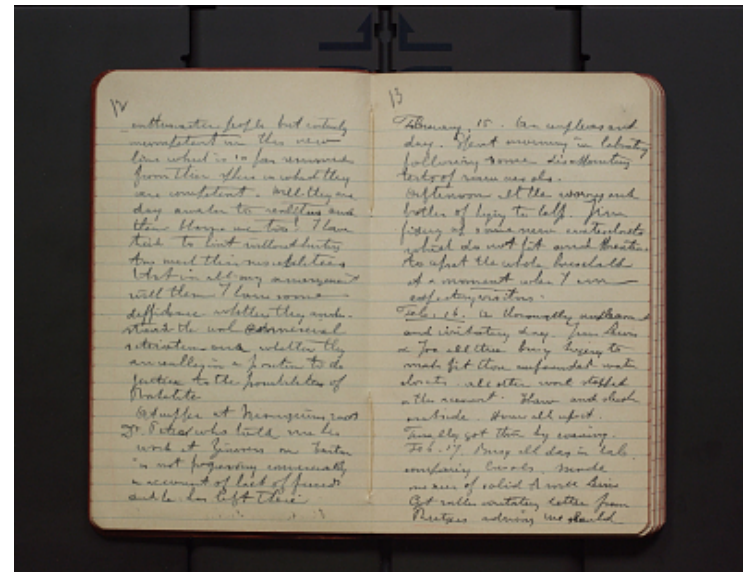
enthusiastic people but entirely incompetent in this new line which is so far removed from their sphere in which they are competent. Will they one day awaken to realities and then blame me too? I have tried to hint without hurting too much their sensibilities that in all my arrangement with them I have some diffidence whether they understand the [[un]] commercial situation and whether they are really in a position to do justice to the possibilities of Bakelite.

Got supper at Marquises met Dr. Peters who told me his work at Zimmers on barter is not progressing commercially on account of lack of funds and he has left there.

February 15. An unpleasant day. Spent morning in laboratory following some disappointing tests of [[rounaesols]]. Afternoon all the worry and bother of lying to self. Jim fixing up some new water closets which do not fit and threatens to upset the whole household at a moment when I am expecting visitors.

Feb. 16. A thoroughly unpleasant and irritating day. Jim, Lewis & Joe all three busy trying to make fit those confounded water closets. All other work stopped on this account. Thaw and slush outside. House all upset. Finally got thru by evening.

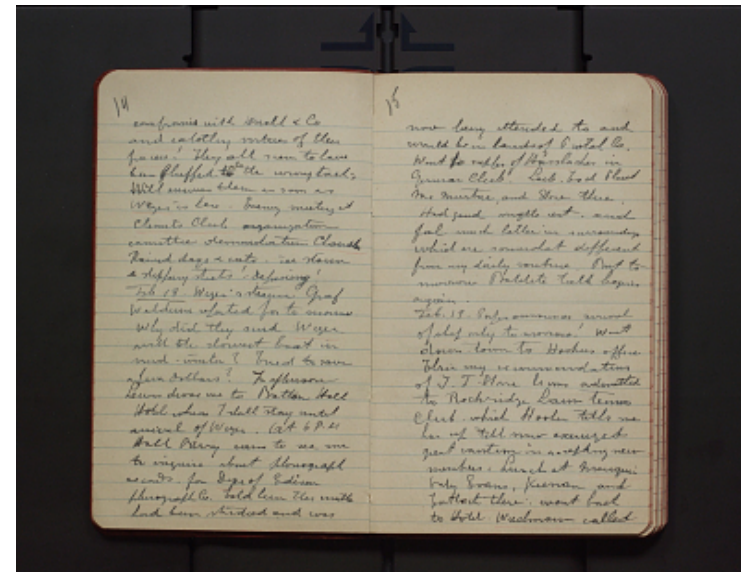
Feb. 17. Busy all day in lab comparing [[Cresols]]. Made one run of solid A with Lewis. Got rather irritating letter from Rutgers advising we should



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compromise with [[Small]] & Co and extolling virtues of their process! They all seem to have been bluffed ~~to~~ into the wrong track; Will answer them as soon as Weyer is here. Evening meeting at Chemists Club organization committee recommendation Chandler. Rained dogs & cats. ice storm & slippery streets! Depressing! Feb. 18. Weyer's steamer Graf Waldersee reported for tomorrow. Why did they send Weyer with the slowest boat in mid-winter? Trust to save a few dollars? In afternoon Lewis drove me to Bretton Hall Hotel where I shall stay until arrival of Weyer. At 6 P.M. Hall Berry came to see me to inquire about phonograph records, for ~~Dept~~ of Edison Phonograph Co. Told him this matter had been studied and was ~~now~~ ~~being~~ ~~attended~~ ~~to~~ and would be in hands of ~~Protal~~ Co. Went to ~~Mr~~ of ~~Hasslacher~~ in German Club. ~~Laeb~~ ~~bud~~ ~~Planet~~ ~~Mr~~ ~~Murtree~~ and ~~Slone~~ there. Had good nights rest, and feel much better in surroundings which are somewhat different from my daily routine. But to morrow ~~Bakelite~~ talk begins again.

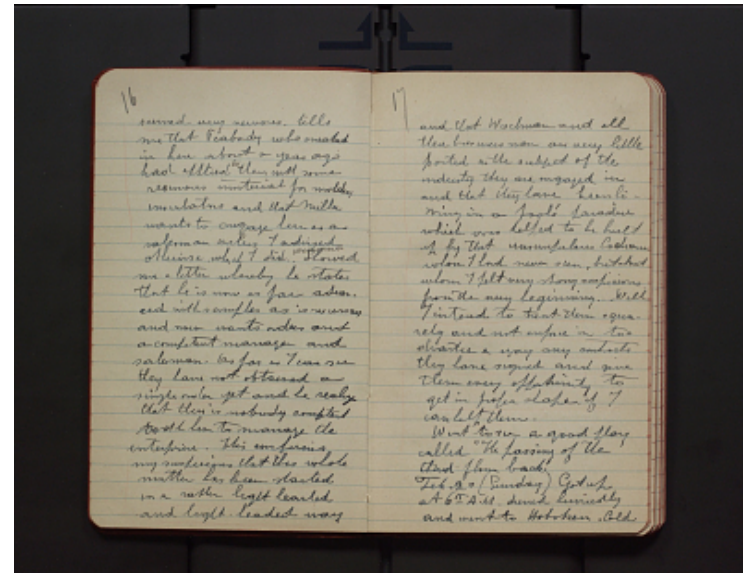
Feb. 19. ~~Tofer~~ announces arrival of ship only to morrow! Went down town to Hookers office. Thru my recommendation of J.T. Slone becomes admitted to Rockridge ~~Farm~~ Tennis Club, which Hooker tells me up till now exercised great caution in accepting new members. Lunch at Marquis Only Evans, Keenan and ~~Futhock~~ there. went back to Hotel. ~~Wiedmann~~ called



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seemed very nervous. Tells me that Peabody who sneaked in here about a year ago had applied to them with some [[resinous]] material for molding insulators and that Miller wants to employ him as a salesman unless I advised otherwise. which I did. Wiedman showed me a letter whereby he states that he is now as far advanced with samples as is necessary and now wants orders and a competent manager and salesman. As far as I can see they have not obtained a single order yet and he realizes that there is nobody competent with him to manage the enterprise. This confirms my suspicions that this whole matter has been started in a rather light hearted and light headed way [[end page]] [[start page]] and that Wiedman and all these business men are very little posted on the subject of the industry they are engaged in and that they have been living in a fool's paradise which was helped to be built up by that unscrupulous [[Cuchone]] whom I had never seen, but about whom I felt very strong suspicions from the very beginning...Well I intend to treat them squarely and not enforce in too drastic a way any contracts they have signed and give them every opportunity to get in proper shape. if I can help them.

Went to see a good play called "The Passing of the third floor back." Feb. 20 (Sunday) Got up at 6:15 A.M. dressed hurriedly and went to Hoboken. Cold

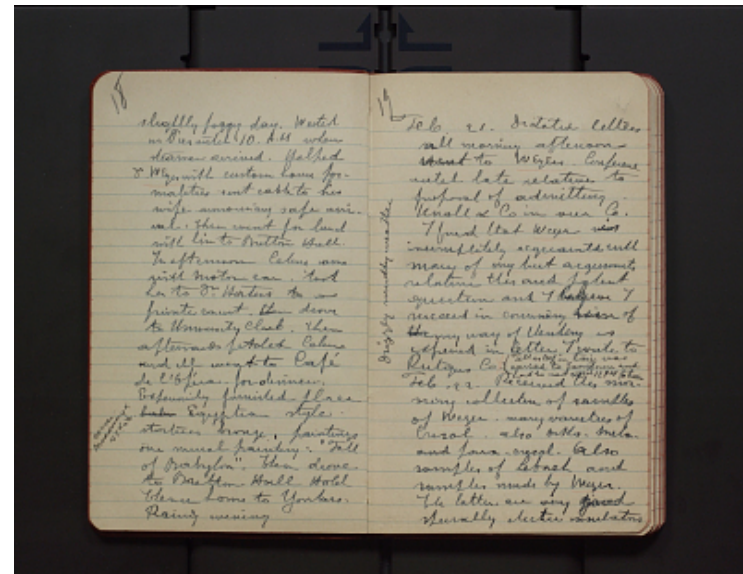


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slightly foggy day. Waited on Pier until 10 A.M. when steamer arrived. Helped J. Weyer with custom house formalities sent cable to his wife announcing safe arrival. Then went for lunch with him to Bretton Hall. In afternoon Celine came with motor car. Took her to [Jr. Porters] to a private concert then drove to University Club. then afterwards fetched Celine and we went to Cafe' de l'Ofina. for dinner. Extensively furnished place [strikeout] babi [strikeout] Egyptian style. [corner Broadway & 42d str.]] Statues bronze, paintings one mural painting: "Fall of Babylon." Then drove to Bretton Hall Hotel thence home to Yonkers. Rainy evening

Feb 21. Dictated letters all morning afternoon went to Weyers Conference until late relative to proposal of admitting Knoll & Co in our Co. I found that Weyer is incompletely acquainted with many of my best arguments relative this and [halent] spectrum and I believe I succeed in convincing him of [strikeout] the [strikeout] my way of thinking as [sferred] in letter I wrote to Rutgers Co. [Told as CEO[?]] on train was carried to Tarrytown and had to wait until 12 PM for train. [Drizzly muddy weather]]

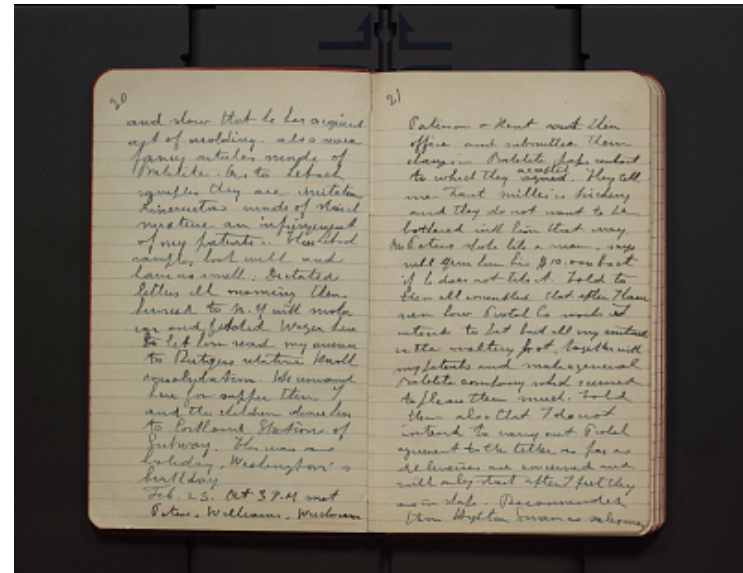
Feb. 22. Received this morning collection of samples of Weyer. many varieties of [Cresol]. also [oiko. mela. and ferra-cresol]. Also samples of [Lebnel] and samples made by Weyer. The latter are very good. Normally electric insulators



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[[start page]] 20 and show that he has acquired art of molding. also seven fancy articles made of Bakelite. As to [[Lebach]] samples they are imitation [[Linerurto]] made of starch mixture an infringement of my patents...these [[Lebach]] samples look well and have no smell. Dictated letters all morning then hurried to N.Y. with motor car and fetched Weger here to let him read my answer to Rutgers relative Knoll consolidation. He remained here for supper then I and the children drove him to Cortland Station of Subway. This was a holiday, Washington's birthday.

Feb. 23. At 3 P.M. met Peters, Williams, Wiedman [[underline]] [[start page]] 21 Paterson & Kent [[at]] their office and submitted these changes in Bakelite paper contract to which they [[strikeout]] signed [[/strikeout]] accepted. They tell me Trent Miller is [[trickery]] and they do not want to be bothered with him that way. Mr Peters spoke like a man, says will give him his \$10,000 back if he does not like it. Told to them all assembled that after I have seen how Protal Co works I intend to put back all my contracts in the melting pot, together with my patents and make a general Bakelite company which seemed to please them much. Told them also that I do not intend to carry out Protal agreement to the letter as far as deliveries are concerned and will only start after I feel they are in shape. Recommended them Hylton Siman [[underline]] as salesman



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February. 24. Weger came here shortly before noon. Took lunch here. then we had conference all afternoon with Weger. Gotthelf and Thurlow relative influence of raw cresol and relative importance of phenol, ~~orthometo?~~ & paracresol.

~~[[?]]~~ Motored him to his hotel then I had committee meeting with [^]Russell[^] Moore and Geo Stone at Princeton Club relative amendement of rules of Perkin Medal. Moore seems rather to favor Schweitzers views but Stone seems quite decided to obtain the right thing. took supper with [^]Russel[^] Moore at his Club then motored to University Club where Rainey gave talk of his expedition in African Jungle photographing wild animals. Weger there as my guests. Very interesting talk. After that short visit

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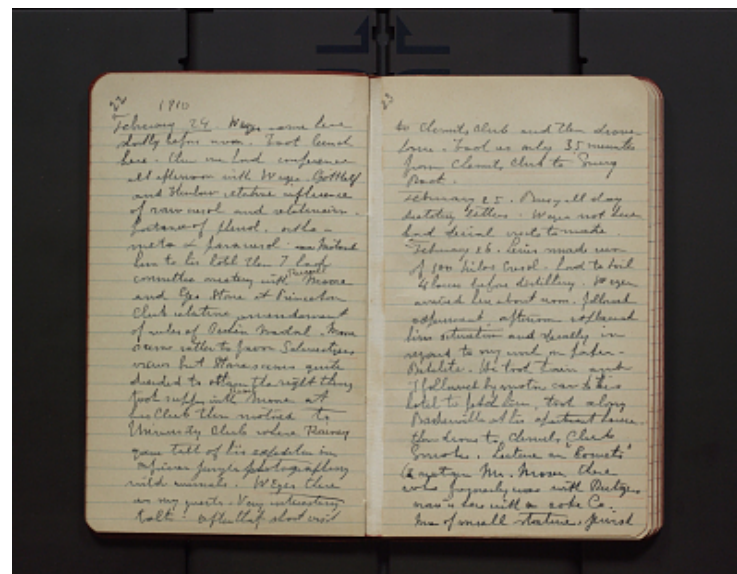
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to Chemists Club and then drove home. Took us only 35 minutes from Chemists Club to Snug Rock.

February 25. Busy all day dictating letters. Weger not here had special visits to make.

February 26. Lewis made run of 100 kilos Cresol. had to boil 4 hours before distilling. Weger arrived here about noon. followed experiment afternoon explained him situation and specially in regard to my work on paper-Bakelite. He took train and I followed by motor car to his hotel to fetch him, took along Baskerville at his apartment house, then drove to Chemists Club Smoker. Lecture on "Comets" A certain Mr. Moses there who formerly was with Rutgers now here with a coke Co. man of small stature, Jewish



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appearance, does not make a very good impression at first. Drove with Baskerville, Mc Murtree, Weyer and Moses to Engineers Club thence home after depositing Mc Murtree & Baskerville & Weger at their residences arrived in Yonkers at about 1 P.M.

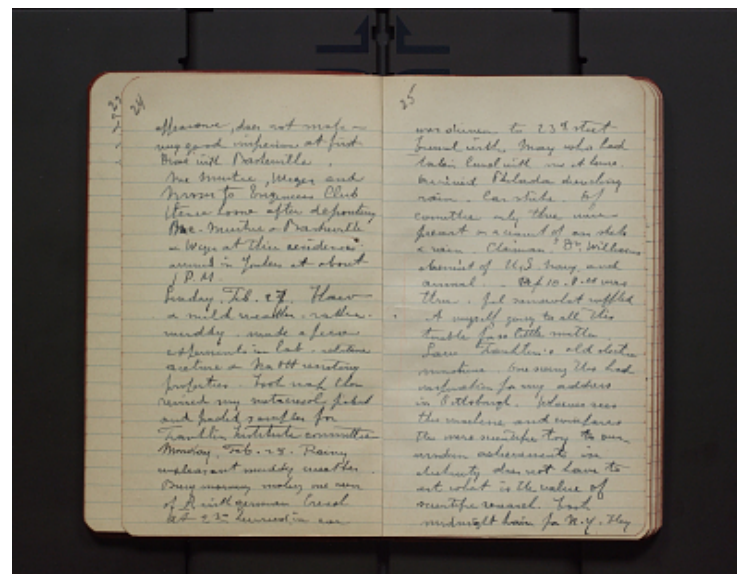
Sunday. Feb. 2 ~~8~~ 7. Thaw & mild weather, rather muddy. made a few experiments in lab relative acetone & Na OH resisting properties. Took nap then revised my metacresol patent and packed samples for Franklin Institute committee.

Monday. Feb. 28. Rainy unpleasant muddy weather. Busy morning making one run of A with german Cresol. At 2:30 hurried in car

[[end page]]

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was driven to 23d street tunnel with May who had taken lunch with me at home. Arrived Philadelphia drenching rain. Car strike. Of committee only three were present on a account of car strike & rain. Chairman. Dr. Williams chemist of U.S. Navy and arsenal. - At 10 P.M. was thru. Feel somewhat ruffled at myself going to all this trouble for so little matter. Sam Franklin's old electric machine. Once seeing this had inspiration for my address in Pittsburgh. Whoever sees this machine and compares this mere scientific toy to our modern achievements in electricity does not have to ask what is the value of scientific research. Took midnight train for N.Y. They



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call it the milk train because it bumps and stops at every small village. But managed to sleep comfortably awakened in Hoboken at about 730 AM went to Wegers Hotel, thence. March 1. went to NY ^Central^ station to see Kirby ^Kirby, electrical engineer^ of electrical department in order to inquire about feasibility of future visit of Weger and Tessel and Layer?. He told me about a new test submitting one of their Bakelite insulating blocks to 60,000 alternatives? of hot and cold water without lessening its qualities. Arrived home at about noon. Dictated many letters and was busy until late.

March 2. Rainy muddy day. Weger arrived here ^at laboratory^ about 10.A.M. Lewis had trouble with commutator

[[end page]]

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of car and spent majority of day trying to locate and remedy the trouble. All this at the worst occasion when I needed him most in my demonstrations on Paper-Bakelite...Weger remained here for supper, then drove him to Cortland.

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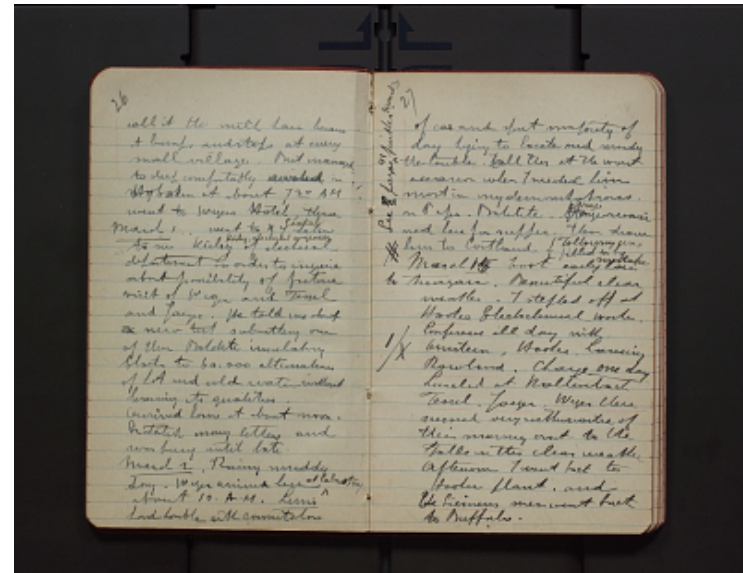
[[vertical entry in margin]] #See ~~[[?]]~~ pages ^41^ further. March 3

March ~~14~~ 15

Took early train to Niagara. Beautiful clear weather. I stopped off at Hooker Electrochemical Works. Conference all day with Amsteen, Hooker, Lansing Rowland. Charge one day

1X

lunched at Kaltenback. Tessel, Yaeger, Weger seemed very enthusiastic of their morning visit to the Falls in this clear weather. Afternoon I went back to Hooker plant, and Siemens men went back to Buffalo.



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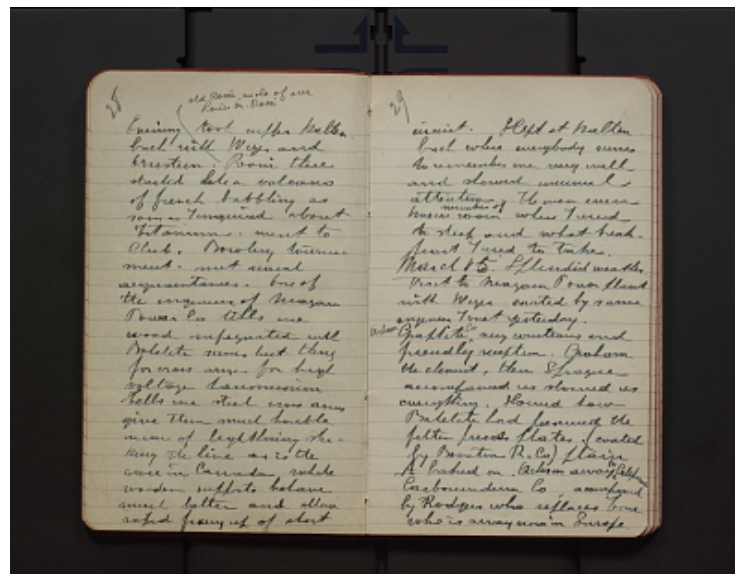
Evening took supper Kaltenbach with Weger and Ornstein. Old Rossi, uncle of our Louis M. Rossi there started like a volcano of french babbling as soon as I inquired about Titanium. went to Club. Bowling tournament. met several acquaintances. One of the engineers of Niagara Power Co tells one wood impregnated with Bakelite seems best thing for cross arms for high voltage transmission Tells me steel cross arm give them much trouble in cases of lightning striking the line as is the case in Canada while wooden supports balance much better and allow rapid fixing of short

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circuit. Slept at Kaltenbach where everybody seems to remember me very well and showed unusual attention. The men even knew ^number of^ room where I used to sleep and what breakfast I used to take. March 15. Splendid weather. Went to Niagara Power plant with Weger escorted by same engineer I met yesterday. Acheron Graphite ^Co^ very courteous and friendly reception. Graham the chemist, then Sprague accompanied us showed us everything. Showed how Bakelite had preserved the filter press plates. (created by Boonton R. Co) plain A baked on. Acheron away ^to^ California Carbonundrum Co accompanied by Rodgers who replaces [[Tone?]] who is away now in Europe



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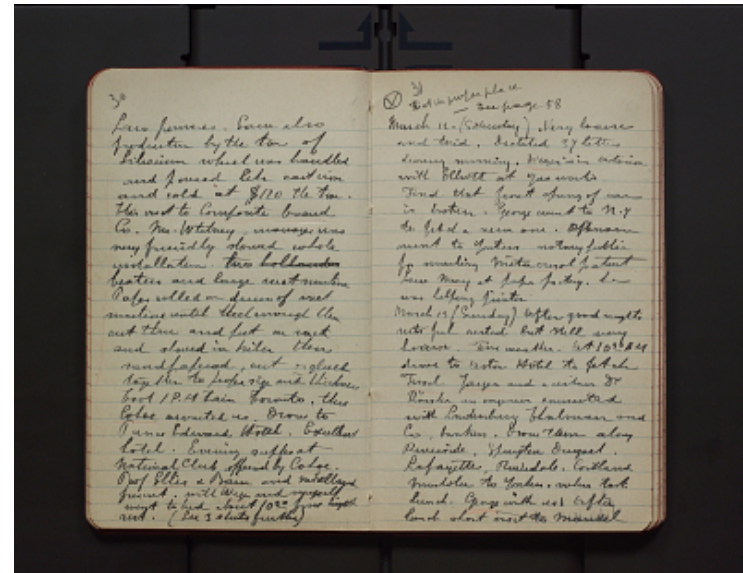
Saw premises. Saw also production by the ton of Silicium which was handled and poured like cast iron and sold at \$120 the ton. This visit to [[Componte?]] [[board?]] Co. Mr. Whitney, manager was very friendly showed whole installation two ~~[[?]]~~ ~~[[?]]~~ heaters and large wet machine Paper rolled on a drum of wet ~~[[?]]~~ until thick enough then cut thru and put on rack and shoved in kiln then sandpapered, cut or glued together to proper size and thickness Took 1 P.M train Toronto. there Cohoe awaited us. Drove to Prince Edward Hotel. Excellent hotel. Evening supper at National Club offered by Cohoe. Prof Ellis and Brian and Mckelland present. with Weger and myself. Went to bed about 1030 fine night rest. (see 3 sheets further)

[[end page]]

[[start page]]

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[[circled X at top of page]] ^Not in proper place - see page 58^
March 12, (Saturday) Very hoarse and tired. Dictated 37 letters during morning. Weger is in Astoria with Elliott at Gas works. Find that front spring of car is broken. George went to N.Y to fetch a new one. Afternoon went to Yonkers notary public for mailing Metacresol patent. Saw May at paper factory. he was helping printer.
March 13 (Sunday) After good nights rest feel rested but still very hoarse. Fine weather At 1030 AM Drove to Astor Hotel to fetch Tessel Jaeger and a certain Dr Rösslen an engineer connected with Ladenburg Thalman and Co, bankers. Drove them along Riverside Springten? Ququel?, Lafayette, Riverdale, Cortland, Mosholer? to Yonkers. where took lunch. George with us. After lunch short visit to Mandel



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then drove back over Cortland and Seventh Ave arrived at Astor Hotel about 4 P.M. Successful trip. At 8⁰⁰ all went to train for Niagara. Laberski of Siemens Hashke fun at first experience with Pullman his zebra drawers! He ordered cocktails after we were in bed!

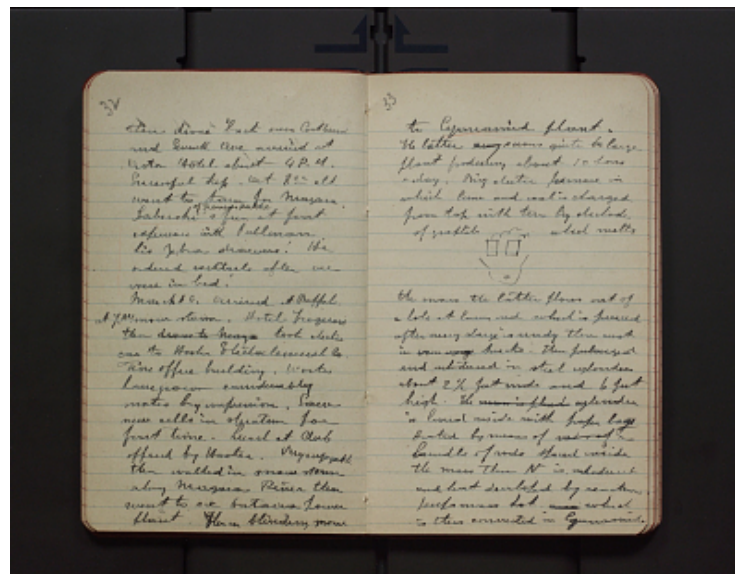
March 16. Arrived at Buffalo at 7 AM snow storm. Hotel Iroquois then ~~drove to Niaga~~ took electric car to Hooker Electrochemical Co. Fine office building. Works have grown considerably ~~by impression~~ by impression. Saw new cells in operation for first time. Lunch at Club offered by Hooter. Very enjoyable then walked in snow storm along Niagara River then went to see butane power plant. Then in blinding snow

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~~start page~~

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to Cyanamid plant. The latter ~~seems quite be large plant producing about 10 tons a day. Big electric furnace in which lime and coal is charged from top with two big electrodes of graphite which melts the mass the latter flows out of a hole at lower end which is pressed after every charge is ready then cast in iron buckets. Then pulverized and introduced in steel cylinder about 2 1/2 feet wide and 6 feet high. The mass is placed cylinder is lined inside with paper bags Heated by means of a bundle of rods spaced inside the mass then N is introduced and heat developed by reaction keeps mass hot which is thus converted in Cyanamide.~~ ~~seems quite be large plant producing about 10 tons a day. Big electric furnace in which lime and coal is charged from top with two big electrodes of graphite which melts the mass the latter flows out of a hole at lower end which is pressed after every charge is ready then cast in iron buckets. Then pulverized and introduced in steel cylinder about 2 1/2 feet wide and 6 feet high. The mass is placed cylinder is lined inside with paper bags Heated by means of a bundle of rods spaced inside the mass then N is introduced and heat developed by reaction keeps mass hot which is thus converted in Cyanamide.~~



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N is made by passing air over copper disseminated in asbestos mass then ~~reducing~~ hio by means of natural gas. This seems to me a rather wasteful method but Cooper says it has been found the cheapest under their ~~event~~ conditions. Had to run about one mile Thru snow. all following in single file to catch. surface car for Niagara. Dr. Frank ran best, the other Germans seemed somewhat reluctant. Tessel and Frank complained of wet feet. Bought blue white striped long stockings in Niagara. ^Baseball stockings^ Hooker offered supper at Club.

[[Carmeth?]] Lidbury and Saunders arrived later. Merry party. Frank did some singing. American and

[[end page]]

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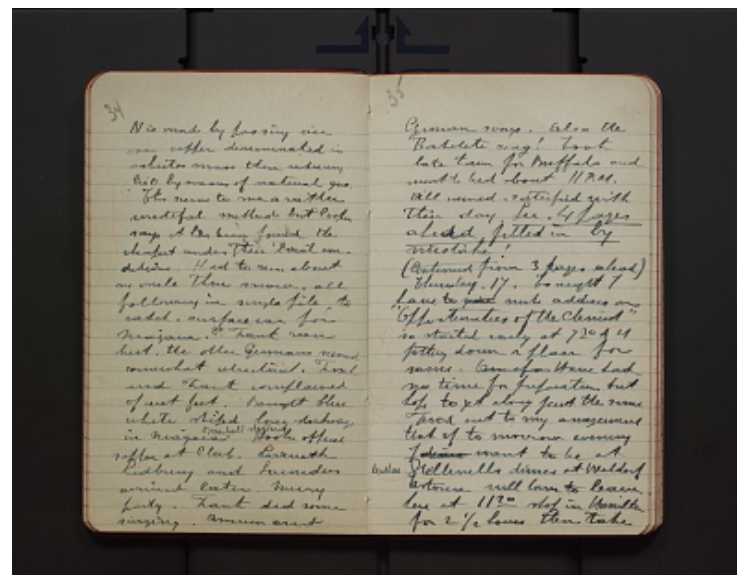
35

German songs. Also the Bakelite song! Took late train for Buffalo and went to bed about 11 P.M. All seemed satisfied with their day.

[[underlined]] See 4 pages ahead filled in by mistake! [[/underlined]]

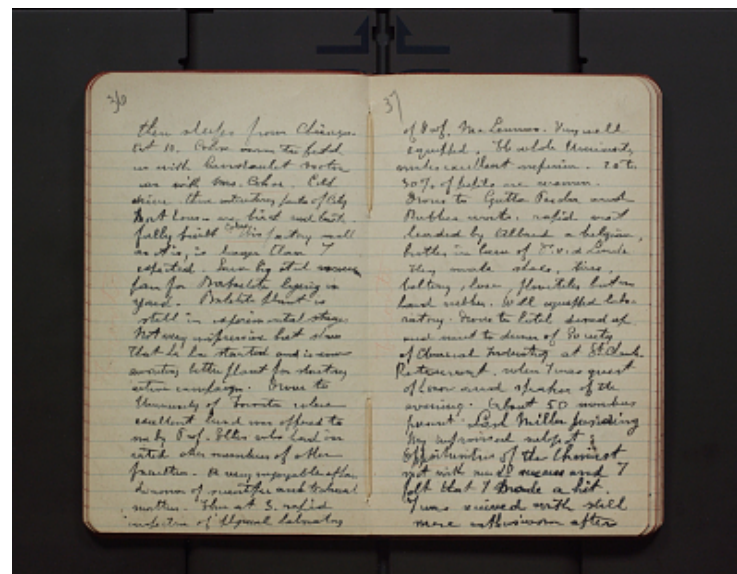
(Continued from 3 pages ahead)

Thursday, 14. Tonight I have to ~~give~~ ~~make address on "Opportunities of the Chemist"~~ so started early at 7:30 AM jotting down a plan for same. ~~One of us~~ ~~Have had no time for preparation but hope to get along just the same.~~ Turned out to my amazement that if to morrow evening I ~~desire~~ ~~want to be at~~ ^[[Arthur]] ~~Stillwells?~~ dinner at Waldorf Astoria will have to leave here at 11:20 stop in Hamilton for 2 1/2 hours then take



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then sleeper from Chicago.
 At 10, [[Cohoe?]] came to fetch us with [[?]] motor car with Mrs. Cohoe. Cold drive thru interesting parts of city. Most houses are brick and taste fully built. ^[[Cohoe]] this factory small as it is, is larger than I expected. Saw big steel vacuum fan for Bakelite lying in yard. Bakelite plant is still in experimental stages Not very impressive but shows that he has started and is now awaiting better plant for starting active campaign. Drove to University of Toronto where excellent lunch was offered to me by Prof. Ellis who had invited other members of other faculties. A very enjoyable affair. discussion of a scientific and technical matters. Thru at 3. [[?rapid]] inspection of physical laboratory [[end page]] [[start page]] of Prof. Mac Lennan. Very well equipped. The whole University makes excellent impression. 20 to 30% of pupils are women. Drove to Gutta Percha and Rubber works. rapid visit headed by [[Calband?]] a belgian, brother in law of Dr. V. d. Linde they made shoes, tires, belting, hose, [[?]] but no hard rubber. Well equipped laboratory. Drove to hotel dressed up and went to dinner of Society of Chemical Industry at St. Charles Restaurant where I was guest of honor and speaker of the evening. About 50 members present. [[Lash?]] Miller presiding My improvised subject: Opportunities of the Chemist met with much success and I felt that I made a hit. I was received with still more enthusiasm after



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telling how I came to write about Bakelite. Ellis made a very laudatory speech calling this a red letter day and comparing my work to that of the classic originators in Science. Altogether a very pleasing evening. Went for a few moments to National Club then to station to the day train to Hamilton but where I had to wait from 12³⁰ A.M to 2³⁰ felt very tired when I entered in sleeping car but had good rest and got up at 8⁰⁰.

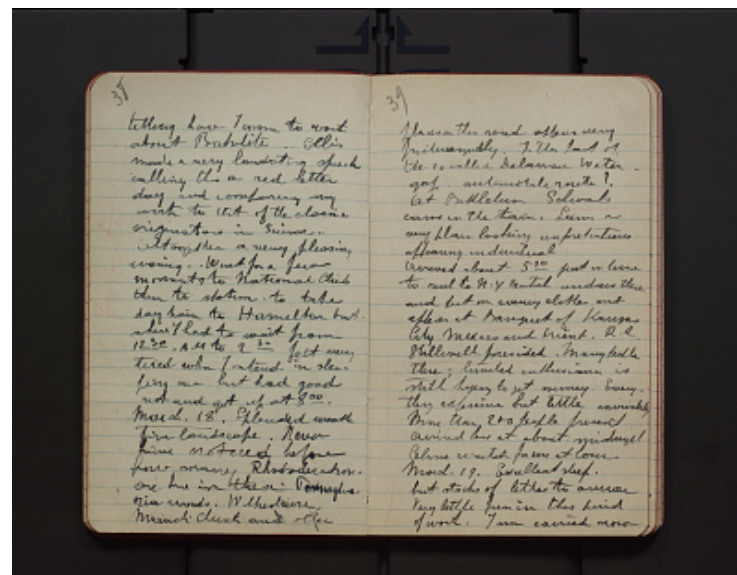
March. 18. Splendid weather fine landscape. Never have noticed before how many Rhododendron one has in these Pennsylvania woods. W the bare Manch Client and after

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flowers in the road appear very picturesquely. In the last of the so called Delaware Water grap automobile route ? out Bethlehem Schwab came in the train. Leaving a very plain looking unpretentious appearing individual.

Arrived about 5³⁰ just in time to run to N.Y Central undress there and put on evening clothes and appear at Banquet of Kansas City Mexico and Orient. R.R. Shelivell presided. Many people there; limited enthusiasm is still hoping to get money. Everything eaferine but little anviantely. More than 200 people present. Arrived here at about midnight Celine waited for me at home.

March. 19. Excellent sleep. but stacks of letter to answer Very little fun in this kind of work. I am carried now



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too much by the tremendous amount of work I have created. I wish I were out of it. Busy until after 6 P.M with letters and many routine details.

March 20 (Sunday) Took good rest. all day. Spent latter part of day writing up notes of my journal which have become rather mixed and written down irregularly in following and previous pages. Mild weather and rain in the evening.

For continuation of all this see ~~10~~ pages 58 - further dated March 21.

~~end page~~

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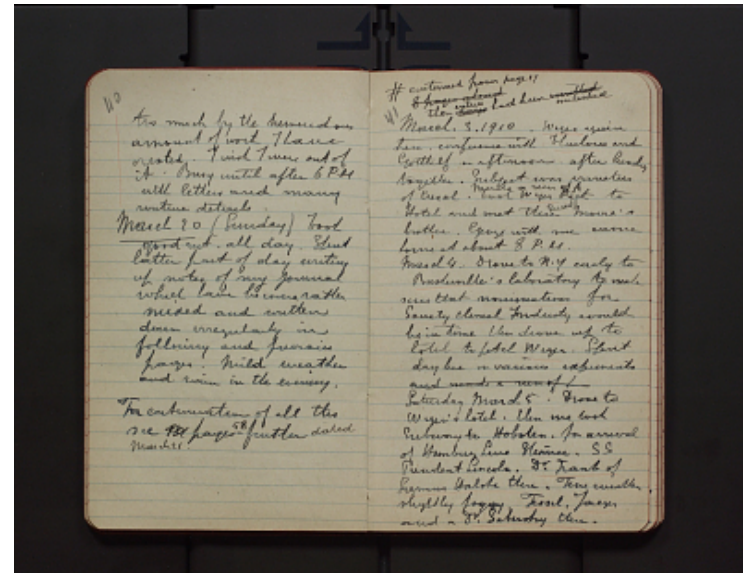
#continued from page 27

~~8 pages ahead~~ ~~41~~ these ~~days~~ entries had been ~~overlooked~~

March. 3. 1910. Weger again here. conference with Henlow and Goettel on afternoon. after lunch together. Subject was varieties of censol. Made a run of A took Weger back to Hotel and met there [^]Russell Moore's brother. George with me came home at about 8 P.M.

March 4. Drove to N.Y early to Baskerville's laboratory to make sure that nominations for Society chemical Industry would be in time then drove up to hotel to fetch Weger. Spent day here in various experiments ~~and made a run of b~~

Saturday March 5. Drove to Weger's hotel. then we took Subway to Hoboken. for arrival of Hamburg Line Steamer. SS President Lincoln. Dr. Frank of Summer? Habske? there. Fine weather slightly foggy. Tessel, Jaesen or Jaeger and a Dr. Sabensky? there.
~~end page~~



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friendly meeting everybody glad to see one another. Went all by ferry and surface cars to Astor Hotel. Took lunch with them then Weger and I went ~~to~~ walking visited Macey's to buy a valise for Weger. Then went to tower of Metropolitan Life Insurance building ^{^X highest then} to have a look over the town. Then went to chemists Club, then to garage of Spaulding to buy new commutator pieces for motor car which seems to be deranged. then Sportmans store, then Mouquins Then left Weger and went home

Sunday March 6. I found that car is not in shape. at all and ignition seems wrong. Hurried work all morning and when we think car is all right it proves the trouble recurs again. tried to reach

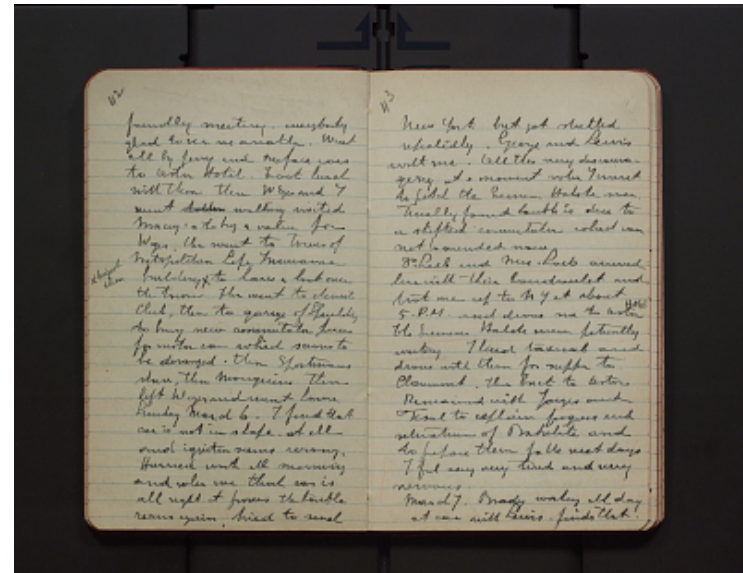
[[end page]]

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[[pencil]] 43 [[Pencil]]

New York but got stalled repeatedly. George and Lewis with me. All this very discouraging at a moment when I want to the fetch the Siemens Halske men. Finally found trouble is due to a shifted commutator which can not be mended now.

Dr. Loeb and Mrs. Loeb arrived here with their Landaulet and took me up to N Y at about 5.P.M. and drove me to Astor Hotel The Siemens Halske men were patiently waiting. I hired taxicab and drove with them for supper to Claremont. then back to Astor. Remained with Jaeger and Tessel to explain progress and situation of Bakelite and to prepare them for the next days I feel very very tired and very nervous March 7. Brady working all day at car with Lewis. finds that [[end page]]



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whole engine has to be opened ~~so as to rearrange~~ ~~shipped or shipped~~ ~~pin~~ on cam shaft. ~~Bring~~ ~~Strikethrough~~

March 8. Left early for train for Boonton with Weger. ~~Suberly~~, Taylor, Jerred. at Delaware Locharra... ~~met Sperry & [?]~~ of G.E.G. to join us. fine weather all showed great interest at trains and ~~station~~ and landscape. ~~Omnibus~~ ~~awaited~~ us at Boonton ~~with Brevet~~ and Seabury. Truly good lunch followed at hotel. then walked to New Factory. Everything made good impression and if other days are as well I ~~will or shall~~ feel very glad. I went to University Club and took early train home tired but satisfied. In the mean time Celine has been.

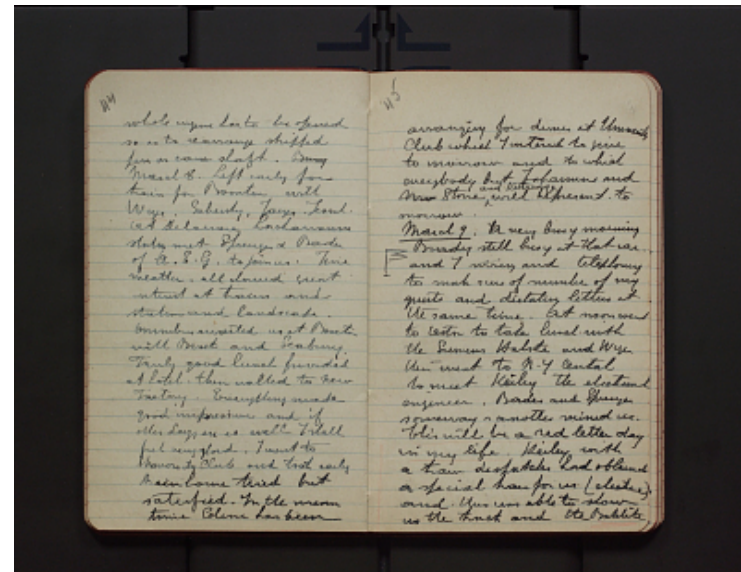
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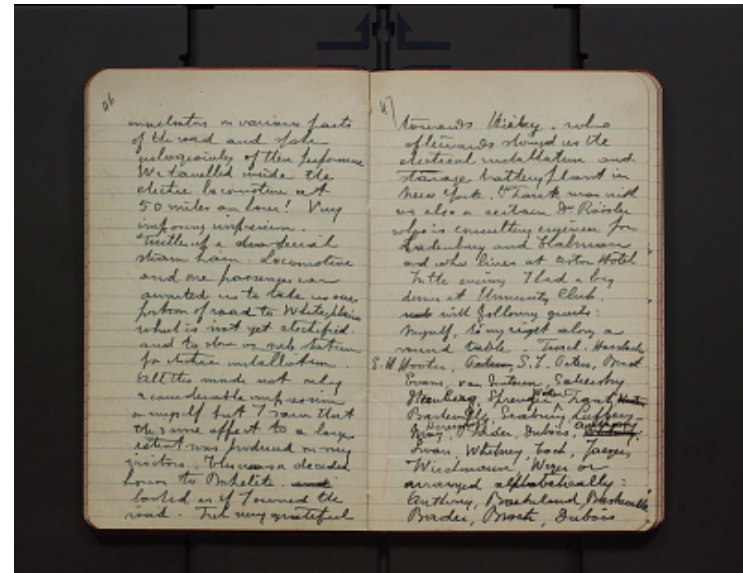
arranging for dinner at University Club which I intend to ~~dine? or join~~ to morrow and to which everybody but ~~Name~~ and ~~Mo~~ ~~Strikethrough~~ Stone, ~~X~~ and Kittridge will be present. to morrow.

March 9. A very busy morning Brady still busy at that car. and ~~I~~ wiring and telephony ~~image - golf flag and hole= lft margin~~ to make sure of number of my quests and dictating letters at the same time. At noon went to ~~Astor~~ to take lunch with the Siemens Halske and Weger then went to N.Y. Central to meet Keiley the electrical engineer. Brady and ~~Springer~~ someway or another missed us. This will be a red letter day in my life. Keiley with train dispatcher had obtained a special train for us (electric) and thus was unable to show us the ~~?~~ and the Bakelite ~~end page~~



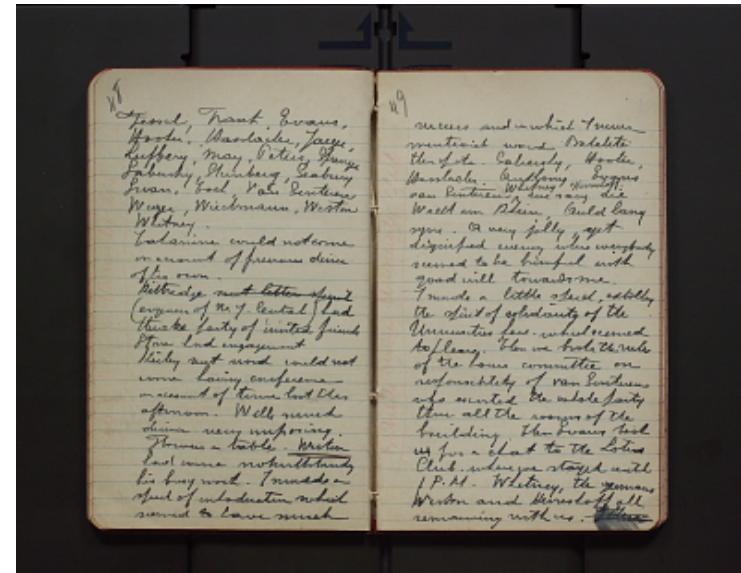
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insulators on various parts of the road and spoke [[enlogoinly]] of their performance We travelled inside the electric locomotive at 50 miles an hour! Very imposing impression. [[Truths]] of a special steam train. Locomotive and one passenger car awaited us to take us our portion of road to White Plains which is not yet electrified. and to show us sub station for electric installation. All this made not only a considerable impression on myself but I know the same effect to a large extent was produced on my visitors. This was a decided honor to Bakelite. looked as if I owned the road. Feel very grateful towards Kirby, who afterwards showed us the electric installation and storage battery plant in New York. [[D Louth]] was with us also a certain Jim Rossler who is consulting engineer for Ladenberg and Blakman and who lives at Astor Hotel. In the evening I had a big dinner at University Club. with following guests: myself, to my right along a round table Tessel, Hassbacher, E. H. Hooter, [[strikeout]] Peters, [[strikeout]] S.T.Peters, Brad Evans, van Sinteren, Sawisky, Sternberg, Spreuge, Weston Tanth, [[strikeout]] Heaton [[strikeout]] Baskeville, Seabury, Lufbery, May, Heresshoff, Sader, Jubois, Anthony [[strikeout]] Whitney [[strikeout]] Ivan, Whitney, Bach, Jaeger, Wiedmann, Weyer or arranged alphabetically: Anthony, Baekeland, Baskerville, Brader, Brock, Dubois



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Fessel, Frank, Evans, Hooker, Hasslacher, Jacque, Lufbery, May, Peters, Spreng, Sabersky, Steinberg, Seabury, Swan, Tod, Van Senteren, Weyer, Weidmann, Weston, Whitney.
 [[Talanine]] could not come on account of previous dinner of his own. Kittredge ~~sent letter special~~ (engineer of N.Y. Central) had this party of invited friends Stone had engagement. Kirby sent word could not come having conference on account of time lost this afternoon. Well served dinner very imposing flowers on table. Weston had come notwithstanding his busy work. I made a speech of introduction which seemed to have much success and in which I never mentioned word Bakelite. then spoke Sabersky, Hooter, Hasslacher, Anthony, Evans, van Sentiren, Whitney Herreshoff. we sang die Waelt am [[Slein]], Auld lang syne. A very jolly, yet dignified evening where everybody seemed to be brimfull with good will towards me. I made a little speech, extolling the spirit of solidarity of the Universities here. which seemed to please. Then we broke the rule of the house committee on responsibility of van Senteress who escorted the whole party thru all the rooms of the building. Then Evans took me for a chat to the Lotus Club. where we stayed until 1P.M. Whitney, the germans Weston and Herreshoff all remaining with us. ~~These~~



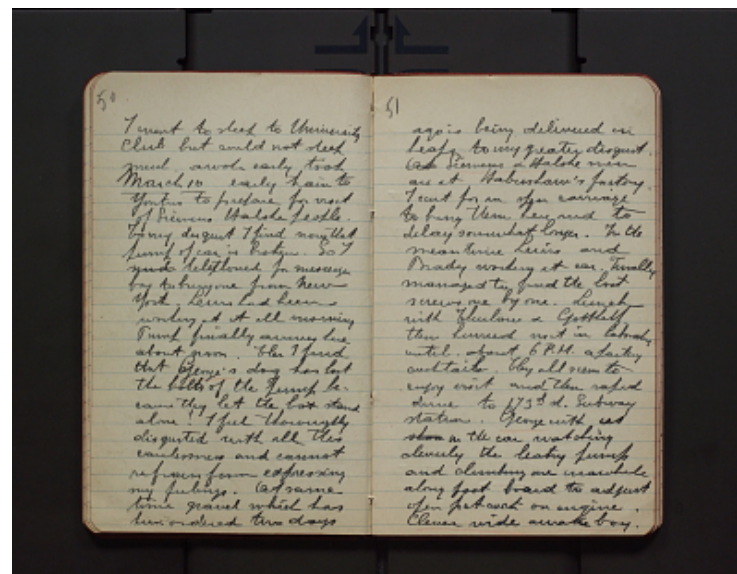
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I went to sleep to University Club but could not sleep much. awoke early took March 10 early train to Yonkers to prepare for visit of Siemens Halde people. To my disgust I find now that pump of car is broken. So I ~~need or send~~ telephoned for messenger boy to bring one from New York. Lewis had been working at it all morning Pump finally arrives here about noon. Then I find that George's dog has lost the bolts of the pump because they let the box stand alone! I feel thoroughly disgusted with all this carelessness and cannot refrain from expressing my feelings. At same time gravel which has been ordered two days

[[start page]]
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ago is being delivered in heaps to my greater disgust. ~~Got or at~~ Siemens & Halde men are at Habenshaw's factory. I sent for an open carriage to bring them here and to delay somewhat longer. In the mean time Lewis and Brady working at car. Finally managed to find the lost screws one by one. Lunch with Hurlow & Gossheld then hurried visit in laboratory. until about 6 P.M. a parting cocktail. They all seem to enjoy visit and then rapid drive to 173d st. subway station. George with us ~~also~~ in the car watching cleverly the tasty lunch ~~and climbing once inawhile along foot board to adjust open petcock on engine. Clever wide awake boy.~~



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[[[Lewis at that time had considerable trouble with his impossible wife, and was ready to run away from her; but I did not know it]]]]

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More dependable and more foresight than any of my men. Am very much disgusted with Lewis he failed in his experiments talked back, showed general ill will and a sour face and looked more slovenly than ever. Had not even washed nor shaved, wore torn clothes and dirty linen. he who to my disgust very often goes under an automobile with a new shirt and stains and spots it hopelessly. I am getting very tired of all this and feel like firing some of those people who give me so little help and so much irritation.

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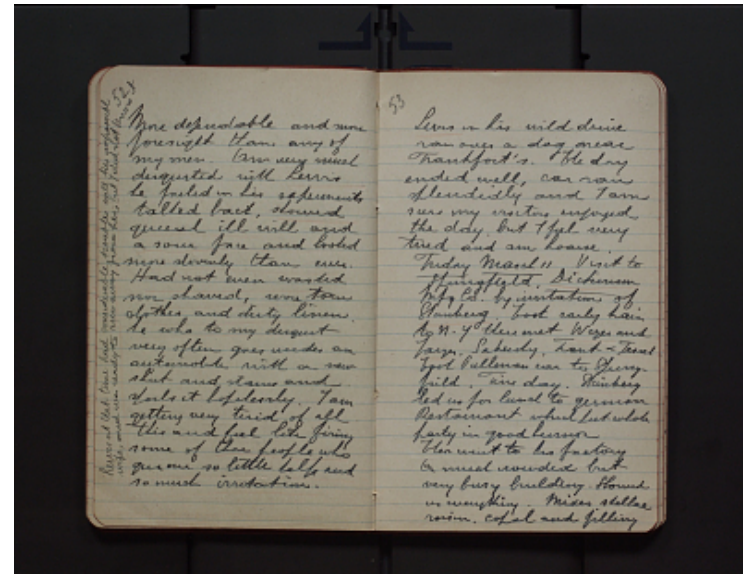
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Lewis in his wild drive ran over a dog near Frankfort's. The day ended well, car ran splendidly and I am sure my visitors enjoyed the day. but I feel very tired and am hoarse.

[[Friday March 11]] Visit to Springfield, Dickinson Mfg Co. by invitation of Steinberg. Took early train to N.Y there met Weyer and Jaeger, Sabersky, Tank & Tessel. Took Pullman car to Springfield. Fine day. Steinberg led us for lunch to german Restaurant which put whole party in good humor. Then went to his factory a much crowded but very busy building. Showed us everything. Mixes shellac rosin, copal and filling

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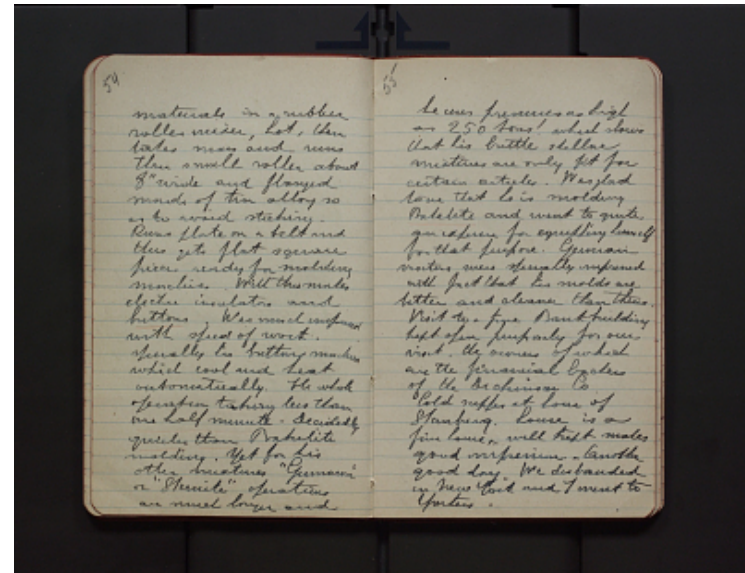


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materials in a rubber roller mixer, hot, then takes [[wires?]] and runs thru small roller about 8" wide and flanged made of tin alloy so as to avoid sticking. Runs plate on a belt and thus gets flat square pieces ready for molding machines. With this made electric insulators and buttons. Was much impressed with speed of work, especially his button machines which cool and heat automatically. The whole operation taking less than one half minute. Decidedly quicker than Bakelite molding. Yet for his other mixtures ["Gumaron"] or ["Sternite"] operations are much longer and he uses pressures as high as 250 tons! which shows that his brittle [[stellne]] mixtures are only fit for certain articles. Was glad to see that he is molding Bakelite and went to quite an impress for equipping himself for that purpose. German visitors were specially impressed with fact that his molds are better and cleaner than theirs. Visit to a fine Bank building left open just only for our visit, the owners of which are the financial backers of the Dickinson Co. Cold supper at home of Stanberg. House is a fine house, well kept makes good impression. Another good day. We disbanded in New York and I went to Yonkers.



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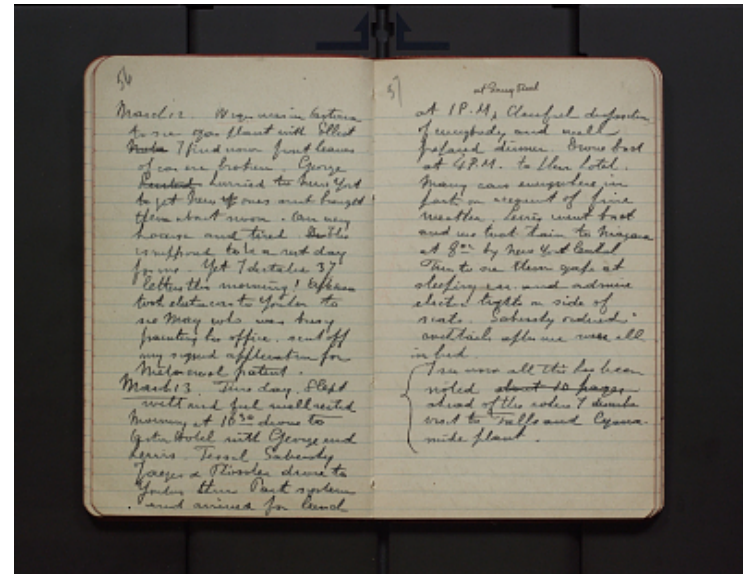
March 12. Weyer was in Astoria to see gas plant with Elliot
[[strikethrough]] find now front leaves of car are broken. George
[[strikethrough]] hurried [[strikethrough]] hurried to New York to get new
[[strikethrough]] ones and brought them about noon. Am very hoarse and
tired. This is supposed to be a rest day for me. Yet I dictated 37 letters
this morning! afternoon took electric car to Yonker to see May who was
busy painting his office. sent off my signed application for Metacresol
patent.

[[underlined]] March 13 [[/underlined]]. Fine day. Slept well and feel well
rested. Morning at 10:30 drove to Astor Hotel with George and Lewis.
Tessel Sabersky [[?Zoceps]] and Rossler drove to Yonkers thru Park
system and arrived for lunch
[[end page]]

[[start page]]

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at 1 P.M. ^ [at Snug Rock], cheerful disposition of everybody and well
prepared dinner. Drove back at 4P.M. to their hotel. Many cars
everywhere in park on account of fine weather. Lewis went back and we
took train to Niagara at 8:02 by New York Central Time to see them
gape at sleeping car and admire electric lights on side of seats.
Sabersky ordered cocktails after we were all in bed.
{ see now all this has been noted [[strikeout]] about 10 pages
[[/strikeout]] ahead of this where I describe visit to Falls and Cyanamide
plant.}
[[end page]]



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[[margin note]]Continued from Page 40, March 20 [[/margin note]]

[[in pencil]]58 [[/in pencil]]

[[in pencil]]March 21 (Monday)[[/in pencil]]

Splendid weather. George awakened me at 6
[[underlined]]15[[/underlined]] A.M. At 7, left for NY with Lewis & car.
bought tire at Goodrich's. some hesitation there because I was
unknown. Met Weger, Sprenger Bader and a certain Mr Hulse
connected with A.E.G. and General electric at 96 st. Subway station.
Motored to Snug Rock. Hurried demonstration and talk about Bakelite.
[[strikethrough]] Wonderful [[/strikethrough]] Cheerful lunch. Weger
had to leave. Thurlow & Gottlieb present. Drove them all back thru park
system. at about 4P.M. to 42d st. Subway. Met Baskerville. Hurried back
home. Car did fine. Feeling nervous and rather tired. Weger tells me
intends to stay until April 9th!! and Segal may come before or after that
time! I hope not!

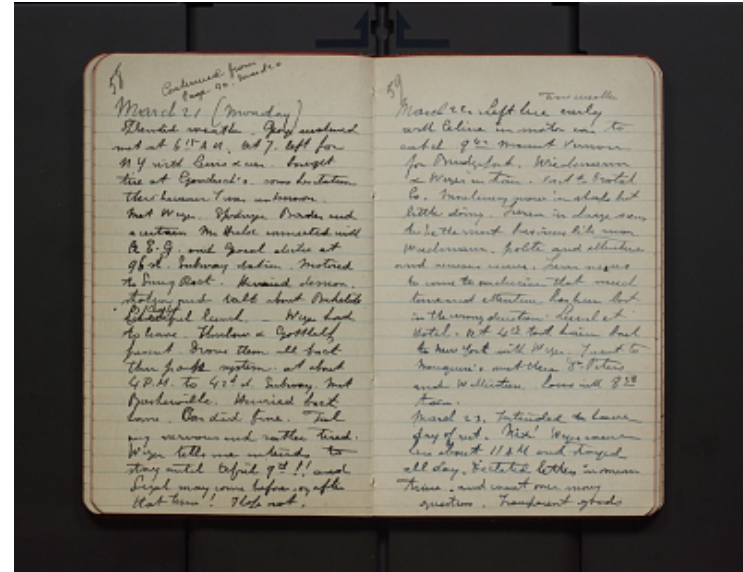
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March 22. [[margin note]]Fine weather[[/margin note]] Left here early
with Celine in motor car to catch 9[[underlined]]42[[/underlined]]
Mount Vernon for Bridgeport. [[underlined]]Wiedmann &
Weger[[/underlined]] in train. Visit to Protal Co. Machinery now in shape
but little doing. Swan in charge seems to be the most business like man.
Wiedmann. polite and attentive and nervous as ever. Swan
[[underlined]]seems to come to conclusion that much time and attention
has been lost in the wrong direction. Lunch at Hotel. at
4[[underlined]]13[[/underlined]] took train back to New York with Weger.
I went to Monquin's met there Drs. Peters and Wallerstein. leave with
8[[underlined]]38[[/underlined]] train.

March 23. Intended to have day of rest. Nix! Weger came here about 11
AM and stayed all day. Dictated letters in mean time and went over
many questions. Transparent goods
[[end page]]



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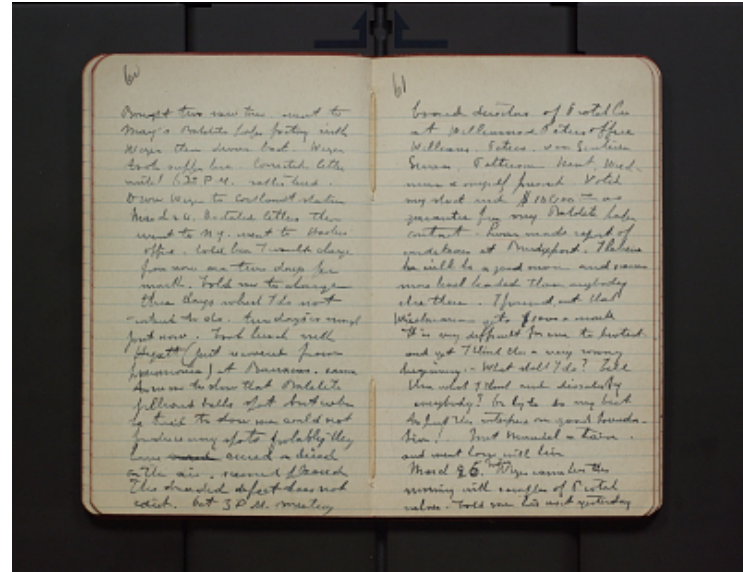
Bought two new tires. went to May's Bakelite paper factory with Weger then drove back. Weger took supper here. Corrected letter until 6:30 P.M. rather tired. Drove Weger to Cortlandt Station
March 24. Dictated letters then went to N.Y went to Hookers' office. told him I would charge from now on two days per month. told me to charge three days which I do not intend to do. two days is enough just now.
Took lunch with Hyatt (just recovered from pneumonia) at [[Bauncas??]]. came to see me to show that Bakelite billiard balls spot but when he tried to show me could not produce any spots probably they have ~~[[strickethrough]]~~ cured ~~[[/strickethrough]]~~ cured or dried in the air. seemed pleased this dreaded defect does not exist. Oct 3 P.M. meeting
[[end page]]

[[start page]]

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board directors of Protal Co. at Williams & Peters office. William, Peters. Van [[Sinteren?]] Swan, Patterson Kent, Wiechmann & myself present. Voted my stock and \$10400.00 as guarantee for my Bakelite paper contract. Swan made report of conditions at Bridgeport. I believe he will be a good man and seems more level headed than anybody else there. I found out that Wiechmann gets \$1000 a month. It is very difficult for me to protest and yet I think this a very wrong beginning.- What shall I do? Tell them what I think and dissatisfy everybody? Or try to do my best to put this enterprise on a good foundation? Met Mandel on train and went home with him.
March 25. ^Friday^ Weger came here this morning with a sample of Protal valves. Told me his visit yesterday

[[end page]]



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at Protal office where samples were shown him made very bad impression on account of meager and inferior samples. Spent all morning with Weger. Had trouble in speaking on account of hoarseness. Very warm tiring weather. Weger says Segal wants to see me in Berlin, told him it is out of the question or Segal wants to come here. I hope not..I am tired right now. I want to have a rest. Afternoon came here Rodgers of Carborundum explained him my work on grindstones Gave him copy of my patents in grindstones. Told him would give them every opportunity for experimenting and ultimately if can interest them might sell them my patent for grindstones or give them exclusive rights.

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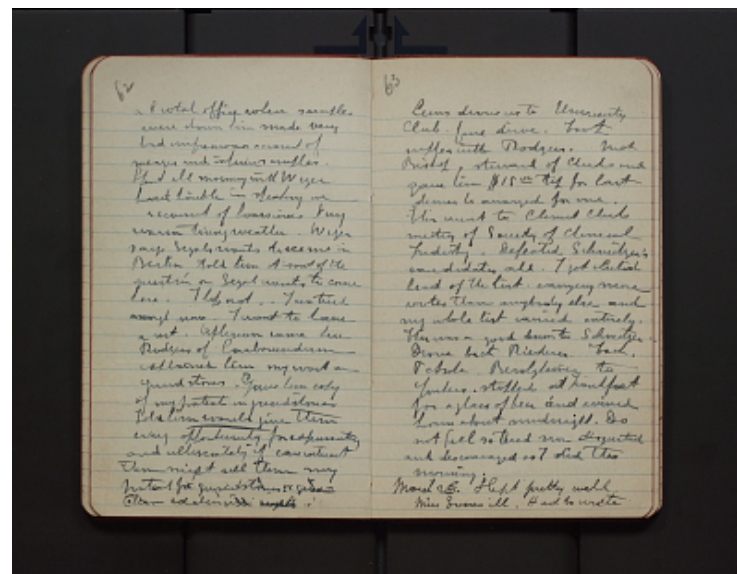
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Lewis drove us to University Club. fine drive. Took supper with Rodgers. Met Bishop, steward of club and gave him \$15.00 tip for last dinner he arranged for me. Then went to Chemist Club meeting of Society of Chemical Industry. Defeated Schweitzer's candidates all. I got elected least of the list. carrying more votes than anybody else and my whole list carried entirely. This was a good lesson for Schweitzer. Drove back Riederer. back. Petsche, Berlozheimer to Yonkers. stopped at Frankfort for a glass of beer and arrived home about midnight. Do not feel so tired nor disgusted and discouraged as I did this morning.

March 26. Slept pretty well. Miss Evans ill. Had to write

[[end page]]



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many letters. Made up my mind to rest this morning but was kept rather busy. at noon George drove me to Greystone Station. Beautiful warm weather. Meeting at ~~[[Rochers]]~~ office of Directors of Gen. Electric Chemical Society. Only Richard Rocker & myself present. Then Dennie and Fitzgerald dropped in. Took a glass of beer together. I felt very very tired so did not go to Chemists Club smoker but took early evening train home. needed rest.

March ~~[[strickethrough]]~~ 27 Rested very well. Beautiful clear warm weather. This is Easter. Short motor drive with Celine. Best day of rest at home. Lied down in lawn, inspected my ties and

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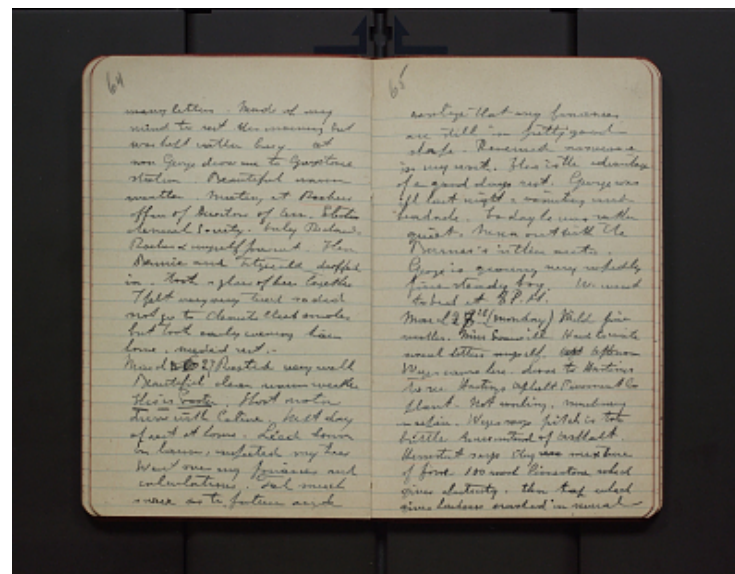
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realize that my finances are still in pretty good shape. Renewed assurance in my work. This is the advantage of a good days rest. George was ill last night = vomiting and headache. Today he was rather quiet. Nina out with the Barnes's in their auto. George is growing very rapidly fine steady boy. We went to bed at 8P.M.

March 28 (Monday) Mild fine weather. Miss Evans ill. Had to write several letters myself. ~~[[strickethrough]]~~ Aft ~~[[end strickethrough]]~~ Afternoon Weger came here. drove to Hastings to see Hastings Asphalt Pavement Co plant. Not working. Machinery in repair. Weger says pitch is too brittle to use instead of asphalt. Hemstet says they use mixture of fine 100 mesh limestone which gives elasticity. then ~~[[?]]~~ which gives hardness crushed in several

~~[[end of page]]~~



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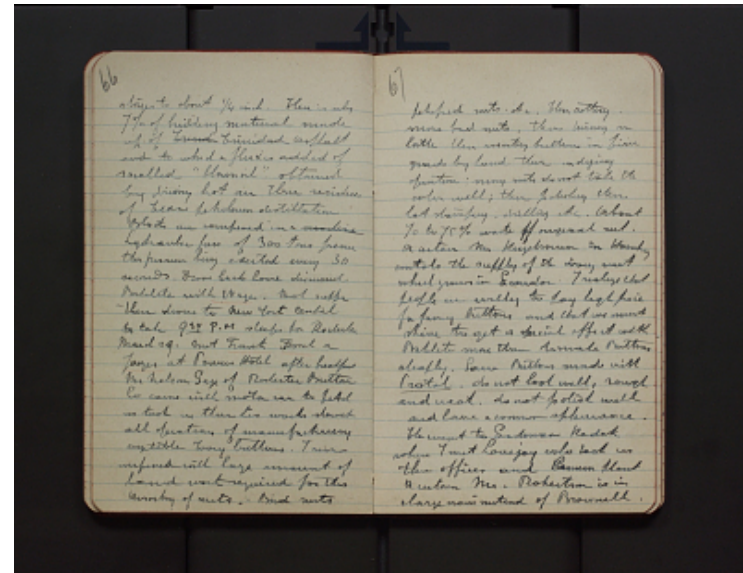
66
stages to about 1/4 inch. There is only 7% of building material made up of ~~Trinidad~~ Trinidad Asphalt and to which a flux is added of so-called "blown oil" obtained by driving hot air thru residues of beans petroleum distillation. Blocks are compressed in a ~~machine~~ hydraulic press of 300 tons pressure this pressure being exerted every 30 seconds. Drove back home discussed Bakelite with Weger. took supper then drove to New York Central to take 9:39 P.M sleeper for Rochester

March 29. Met Frank Fessel a lawyer at Powers Hotel after breakfast. Mr Nelson Sage of Rochester Button Co came with motor car to fetch us took us thru his works showed all operations of manufacturing vegetable Ivory buttons. I am impressed with large amount of hand work required for this of nuts. Bird nuts

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petrified nuts, etc. Then cutting more bad nuts, then turning on lathe then assorting buttons in five grades by hand then in dyeing function; many nuts do not take the color well; then polishing then lot stamping, drilling etc. About 70 to 75% waste of original nut. A certain Mr Kugelmann in Hamburg controls the supply of the ivory nut which grows in Ecuador. I realize that people are willing to pay high price for fancy buttons and that one must strive to get a special affect with Bakelite more than to make Buttons cheaply. Some Buttons made with Protal do not look well, rough and weak. do not polish well and have a common appearance. We went to Eastman Kodak where I met Lovejoy who took us thru offices and Camera plant. A certain Mr. Robertson is in charge now instead of Brownell.



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Saw some very pretty Velox prints. Velox seem still very important afterward. Nelson Sage took us for further auto ride around town then offered us dinner at Genessee Club. Afterwards took us to more driving towards Kodak Park ~~where we went to Bares~~ which has enormously increased since ten years when I was there last. Says Eastman Kodak Co has paid 30% dividends on 25 million Common Stock! Then drove to Bausch & Lomb Optical Co. Immense plant just ~~upset~~ on account of enlargement. Edward Bausch just leaving to go to funeral of Fenn President of Rochester Alliance Bank and one of Eastman's principal money men. Mr ~~Sorgenmuller~~ a quick Bavarian about sixty five years old rushed us thru works finally landed us at Bartholomews

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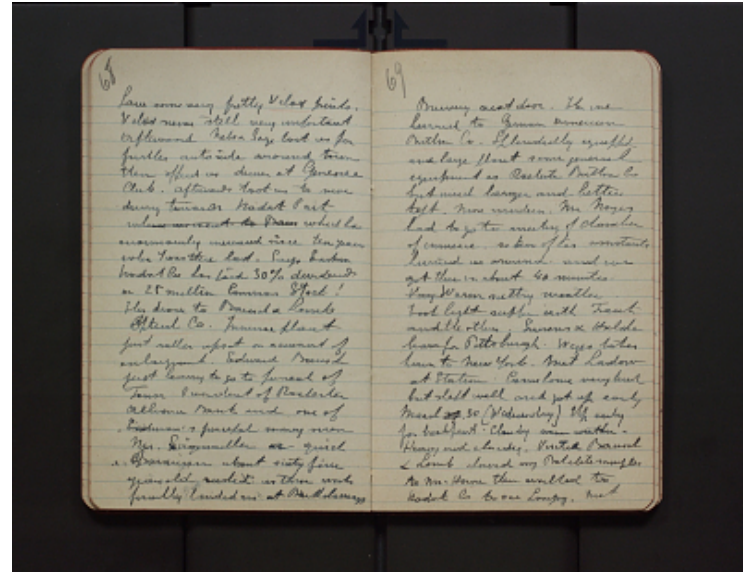
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Brewery next door. Then we hurried to German American Button Co. Splendidly equipped and large plant same general equipment as Rochester Button Co but much larger and better kept. More modern. Mr Noyes had to go to meeting of chamber of commerce. so two of his assistants hurried us around, and we got thru in about 40 minutes. ~~Very~~ Warm sultry weather. took light supper with Frank and the others. Siemens & Halske leave for Pittsburgh. Weger takes train to New York. Met Landow at Station. Came home very tired but slept well and got up early.

March ~~29~~ 30 (Wednesday) Up early for breakfast. Cloudy warm weather. Heavy and cloudy. Visited Bausch & Lomb showed my Bakelite samples to Mr. Horne then walked to Kodak Co to see Lovejoy. Met

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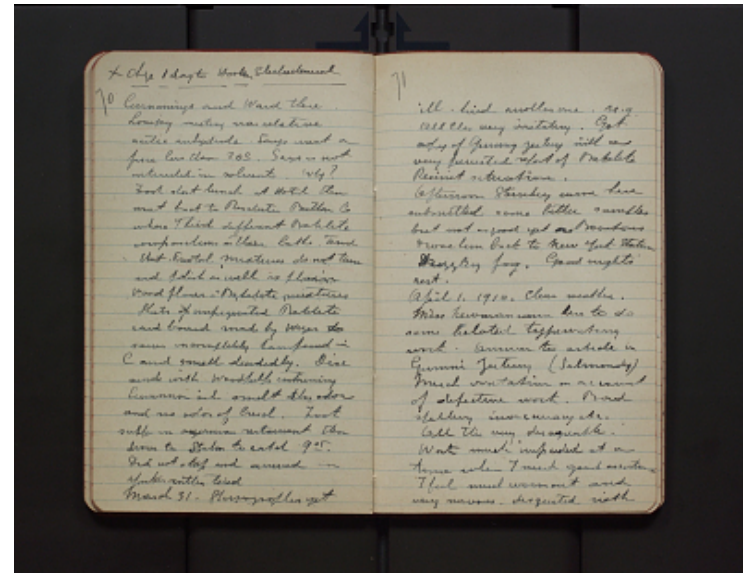
[[[charge]]] 1 day to Hooker
Electrochemical[[/u]]
Cummins and Ward there Lovejoy meeting was relative acetic
anhydride. Says want a price less than 20 c
Says is not interested in solvents. Why? Took short lunch at Hotel then
went back to Rochester Button Co. where I tried different Bakelite
compositions on their lathe. Turned out Protol Mixtures do not turn and
polish well in plain wood flour. Bakelite mixture Sheets of impregnated
Bakelite card board made by Weyer ~~to~~ seems
incompletely hampered in C and smell decidedly. Dice with wood
pulp containing Cinnamon oil smelt this odor and no odor of Cresol.
Took supper in superman restaurant then drove to station to catch
9⁰⁵. did not sleep and arrived in Yonkers rather
tired.

March 31. Stenographer yet page]]

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ill. tried another one. N.Y. All this very irritating. Got copy of Gumny
Jutung with a very perverted report of Bakelite Resinet situation.
Afternoon Sternberg came here submitted some better samples but not
as good yet as Bookors. Drove him back to New York Station. Drizzling
fog. Good nights' rest.
April 1. 1910. Clear weather. Miss Newman came here to do some
belated typewriting work. Answer to article in Gumny Jutung
(Salmonsky) Much ventation on account of defective work. Bad spelling
inaccuracy etc. All this very disagreeable. Work much impaired at a time
when I needed good assistance. I feel much worn out and very
nervous. disgusted with

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everything. Life in this condition is a curse. Newly engaged maid, seems incompetent too and act like so many geese. I need very much a vacation where I am far away from everybody here and from my work which now begins A lack interest and swiftly has become a drudge and an irritation(.) I wish I could find some time to spend in a quiet corner of the world where nobody knows me nor bothers me.

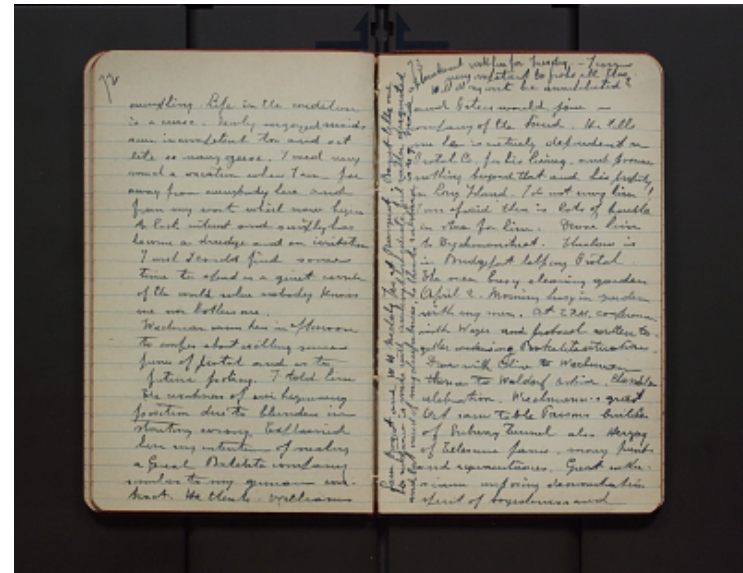
Wiedman came here in the afternoon to confer about selling some pieces of protol and as to future policy. I told him the weakness of our beginning position due to blunder in starting wrong. Explained here any intention of making a General Bakelite company similar to my german contract. He thinks. Williams

[[end page]]

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and Peters would join a company of the kind. He tells me he is entirely dependent on Protol Co. for his living, and possess nothing beyond that and his property in Long Island. I do not envy him! I am afraid there is lots of trouble in store for him. Drove him to Dydmanstreet. Hurlow is in Bridgeport helping Protol. The men busy cleaning garden.

April 2. Morning busy in garden with my men. At 2P.M. conference with Weyer and protocol written together condensing Bakelite situation, Drove with Celine to Weidmans thence to Waldorf Astoria Chandler celebration. Wiedmann's guest at same table Parsons builder of Subway tunnel also Herzog of Telerane fame. many friends and acquaintances. Great weather [[?]] imposing demonstration spirit of boyishness and [[[Sam Bogut and W H Nicholas at Banquet. Bogut tells me his substance is made with analinchlorhydrate. feel rather disquieted and lost much of my cheerfulness. He thinks substance is reg. Made appointment with him for Tuesday. I am very impatient to probe all this. Will all my work be annihilated?

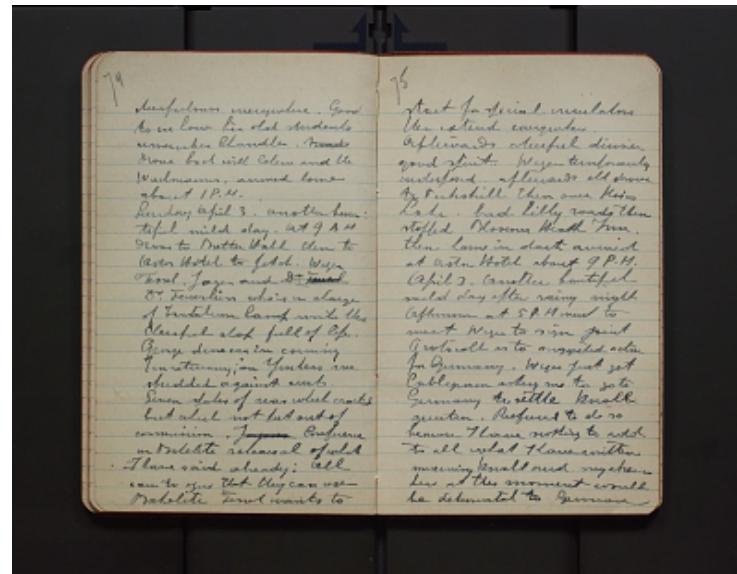


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cheerfulness everywhere. Good to see how his old students remember Chandler. ~~[[?]]~~ Drove back with Celine and the Wiedmanns, arrived home about 1 P.M.

Sunday April 3. another beautiful mild day. At 9 AM drove to Bretton Hall then to Aster Hotel to fetch Weyer Tessel, Lager and ~~[[?]]~~ Dr Tessel ~~[[?]]~~ Dr. Feuerli who is in charge of ~~[[?]]~~ lamp works there. Cheerful chap full of life. George drove car in coming. I in returning; in Yonkers we studded against curb. Seven spokes of rear wheel cracked but wheel not put out of commission. ~~[[?]]~~ ~~[[?]]~~ Conference on Bakelite rehearsal of what I have said already: All seem to agree that they can use Bakelite. Tessel wants to start for special insulators then extend everywhere. Afterwards cheerful dinner good spirit. Weyer temporarily indisposed. afterwards all drove to ~~[[?]]~~ hill then over ~~[[?]]~~ lake. Hard hilly roads then stopped. Blossom Heath Inn then home in dark arrived at Astor Hotel 9 P.M.

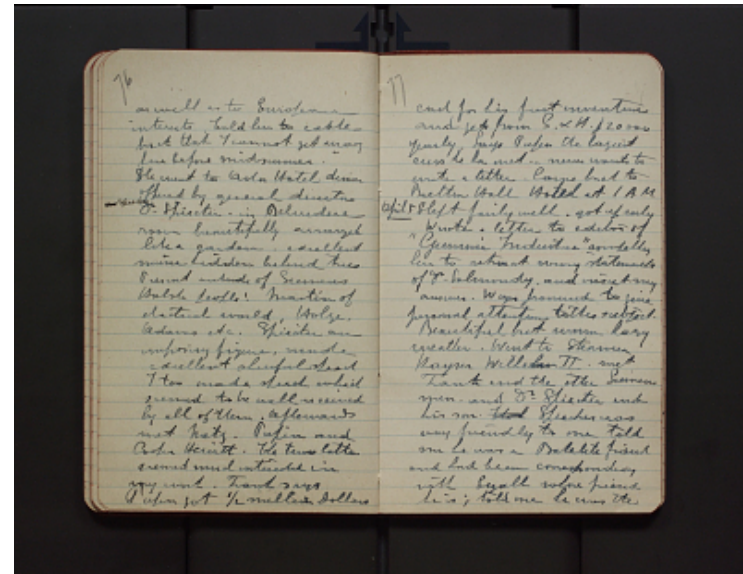
April 3. Another beautiful mild day after rainy night. Afternoon at 5 p.m went to meet Weyer to sign joint protocol as to suggested action in Germany. Weyer just got Cablegram asking me to go to Germany to settle Knoll question. Refused to do so because I have nothing to add to all what I have written concerning Knoll and my absence here at this moment would be detrimental to German



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as well as to European interests. Told him to cable back that I cannot get away here before midsummer. Then went to Astor Hotel dinner offered by general director Dr. Spiecter in Belvedere room Beautifully arranged like a garden. excellent hidden behind trees Present include of Siemens Halske People! Martin of electrical world, Holze, Adams etc. an imposing figure, made excellent cheerful speech. I too made speech which seemed to be well received by all of them. Afterwards met Metz, Pupin and Cooper Hewitt. The two latter seemed much interested in my work. Frank says Pupin got 1/2 million Dollars

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cash for his first invention and gets from S. & H. \$20000 yearly. Says Pupin the laziest cuss he has met. never wants to write a letter. Came back to Bretton Hall Hotel at 1 AM. April 5 Slept fairly well. got up early Wrote a letter to editor of "Germanic Industrie" compelling him to retract wrong statements of Dr. Salmonsky and insert my answer. Weger promised to give personal attention to this subject. Beautiful but warm hazy weather. Went to Steamer Kayser Wilhelm II. met Franks and the other Siemens men. and Dr Spiecter and his son. ~~Spiecter~~ Spiecter was very friendly to me told me he was a Bakelite friend and had been corresponding with Segall whose friend he is; told me he was the



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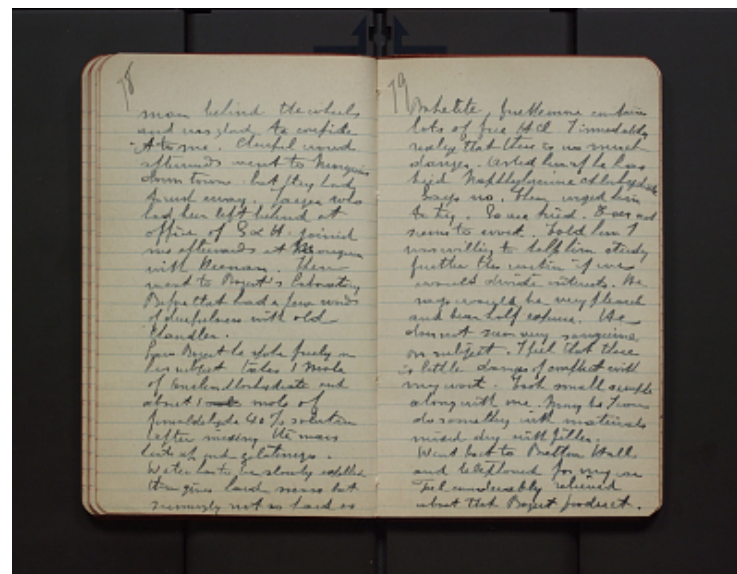
man behind the wheels and was glad to confide it to me. Cheerful crowd. Afterward went to Mouquins down town. but they had to rush away. Jaeger who had been left behind at office of S & H joined me afterwards at Mouquin with Keenan. Then went to Bogert's laboratory Before that had a few words of cheerfulness with old Chandler. Saw Bogert he spoke freely on his subject takes 1 mole of Anilin chlorhydrate and about 1 ~~vol~~ mole of formaldehyde 40% solution After mixing the mass heats up and gelatinizes. Water has to be slowly expelled then gives hard mass but seemingly not so hard as

[[end page]]

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Bakelite furthermore contains lots of free HCl I immediately realize that there is so much danger. Asked him if he has tried Naphthylamine chlorhydrate Says no. Then urged him to try. So we tried. Does not seem to work. Told him I was willing to help him study further this [[reaction?]] if we would divide interests. He says would be very pleased and bear half expense. He does not seem very sanguine on subject. I feel that there is little danger of conflict with my work. Took small sample along with me. May be I can do something with materials mixed dry with filler. Went back to Bretton Hall and telephoned for my car. Feel considerably relieved about that Bogert product.



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'altho' last Saturday evening ^[[when Bogert showed me his product at the Chandler dinner]] I felt rather disquieted ~~[[when]]~~ when Baquet showed me his ~~[[when]]~~ Celine came to fetch me with the children and we all drove home together

April 6. Remained home. Lt. Gotthelf made some experiments with anilin chloride Am reminded that process is covered by german patent of 1904. Thurlow has worked on it. There seems to be nothing in it. Good lesson not to worry in advance in future. Miss Evans back here so I can dictate letters. Got through most of my belated mail.

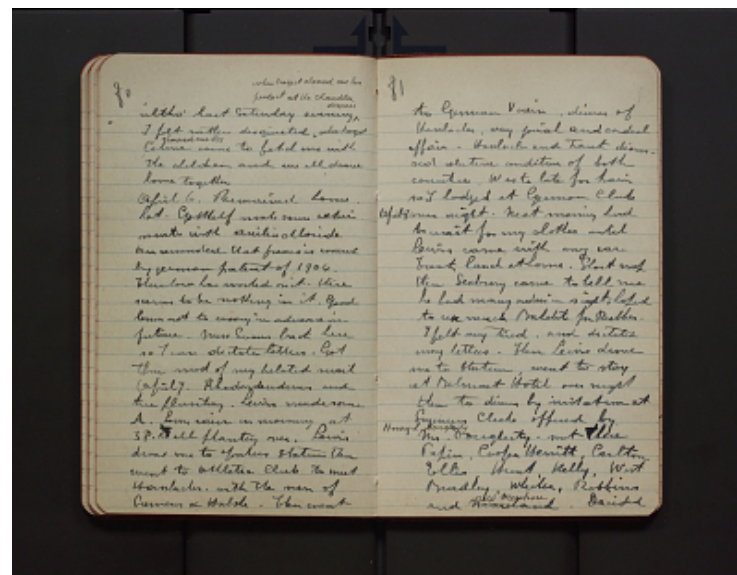
April 7. Rhododendrons and tree planting. Lewis made some A. Some rain in morning at 3 P.M. all planting over. Lewis drove me to Yonkers Station then went to Athletic Club to meet ~~[[Hanlacker?]]~~ with the men of Siemens & Halske. Then went

[[end page]]

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to German Verein dinner of ~~[[Hanlacker?]]~~. very jovial and cordial affair. ~~[[Hanlacker?]]~~ and Frank discussed relative condition of both countries. Was to late for train so I lodged at German Club ^[[April 8]] over night. Next morning had to wait for my clothes until Lewis came with my car.. Took lunch at home. Short nap then Seabury came to tell me ha had many ideas in night, hoped to use much Bakelite for Rubber. I felt very tired. and dictated many letters. Then Lewis drove me to Station, went to stay at Belmont Hotel one night then to dinner by invitation at Engineers Club offered by ^[[Henry L. Dougherty]] Mr. Dougherty. met there Pupin, Cooper Herritt, Carlton Ellis, Hunt, Kelly, West, Bradley, Wheeler, Robbins and ~~[[when]]~~ Moreland ~~[[when]]~~ ^[[Ralph Mershon?]]. Decided



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to found "Inventors Guild" for protecting the legislative interests of inventors. Meeting lasted to near mid night. I went tired to bed but slept very well and awoke

April 9 next morning entirely refreshed. Went to Hoboken dock of Norddenhelm ~~Loyd~~ Lloyd SS. ~~Pringessin?~~ Irene ~~saying~~ saying sailing for Italy. Tessel, Jaeger & Tenerlein left. I went alone for hasty lunch at Mouquin's uptown. (First bought some automobile requisites at Willis) then went to Hippodrome. "Trip to Japan" then train back home in time for supper. Celine was in bed feels pain. I hope nothing very serious.

April 10. Beautiful Sunday weather but very windy. Did nothing all morning except enjoying sight of garden and examining my trees. Took short nap after lunch

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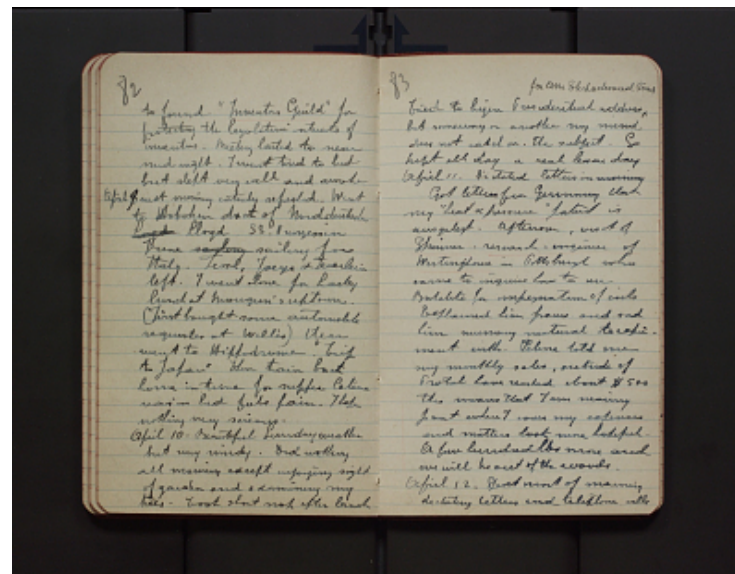
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tried to begin Presidential address ^{for Am Electrochemical Society} but someway or another my mind does not catch on. the subject. So kept all day a real leisure day

April 11 Dictated letters in morning Got letter from Germany that my "heat & pressure" patent is ~~airsgilent?~~ ^{airsgilent?}. Afternoon, visit of Skinner. research-engineer of Westinghouse in Pittsburgh who came to inquire how to use Bakelite for impregnation of coils Explained him process and send him necessary material to experiment with. Celine told me my monthly sales, outside of ~~Protal?~~ ^{Protal?} have reached about \$500 this means that I am nearing point when I cover my expenses and matters look more hopeful. A few hundred lbs more and we will be out of the woods.

April 12. Spent most of morning dictating letters and telephone calls

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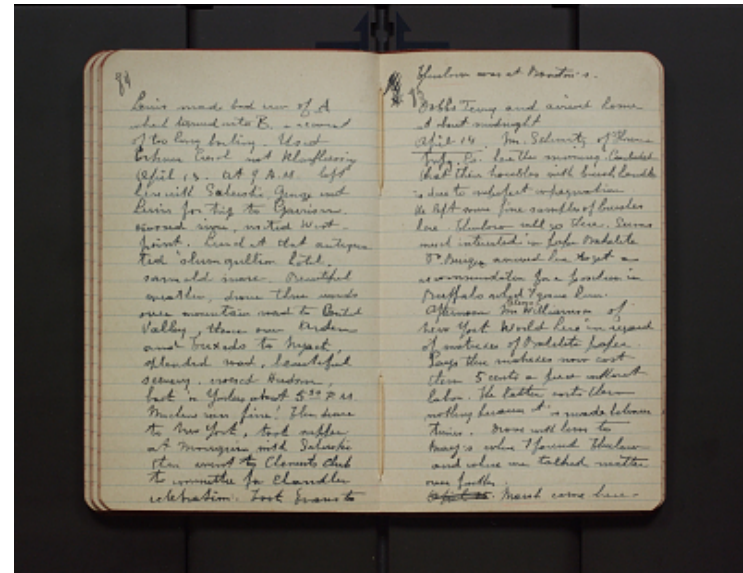
Lewis made bad run of A which turned into B. on account of too long baking. Used Erkner Cresol not Klasfliessing .
April 13. at 9 A.M. left here with Saberski, George and Lewis for trip to Garrison. crossed river, visited West Point. Lunch at that antiquated "slumgullion hotel same old mare. Beautiful weather, drove thru woods over mountain road to Central Valley, thence over Arden and Tuxedo to Nyach, splendid road, beautiful scenery. crossed Hudson, back in Yonkers about 5:30 P.M. Machine ran fine! Then drove to New York, took supper at Marquis with Saberski then went to Chemists Club to committee for Chandler celebration. Took Evans to [[end page]] [[start page]]

83 ^[[Henlow was at Brnton's.]]

Dobb's Ferry and arrived home at about midnight.

[[underline]] April 14. [[/underline]] Mr. Schwartz of Florence Mfg. Co. here this morning. Concluded that their troubles with brush handles is due to imperfect impregnation. He left some fine samples of brushes here. Hunlow will go there. Seems much interested in paper Bakelite. D Burger arrived here to get a recommendation for a purchase in Buffalo which I gave him. Afternoon Mr ^[[Glenn]] Williamson of New York World here in regard of instances of Bakelite paper. Says their [[?]] now cost item 5 cents a piece without labor. The latter costs them nothing because it is made between times. Drove with him to May's where I found Hunlow and where we talked matter over further.

[[strikeout]] April 15. [[strikeout]] Marsh came here.



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1/2 day x

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this afternoon by appointment to ~~talk~~ ~~consult~~ about future plant and stayed for supper. Took him back to station. Charge 1/2 day.

April 15. At 11 AM went ~~to~~ ~~fetch~~ Cohne, his wife and his father in law (Mr. Rubridge of Denver Col) at 72nd street and brought them here for lunch. Then Celine joined us and we went for afternoon drive Briar-Cliff course then Boston Road to New York to Pier of Cunard line Celine and myself went to Claremont thence drove home where we arrived about 8 ³⁰ P.M

April. 16. No rain yet. altho' we need it badly. Made some experiments with Lewis relative Bakelite paper for newspaper matrixes. Then spent time adjusting commutation of

begin page

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car with George and Lewis

Sunday April 17. Went to fetch Dr. G. Frank (of Siemens and Halske with motor car. Pouring rain. First rain ~~in~~ many weeks. Conference about terms S & H could become licensees of Townsend Cell. Charge

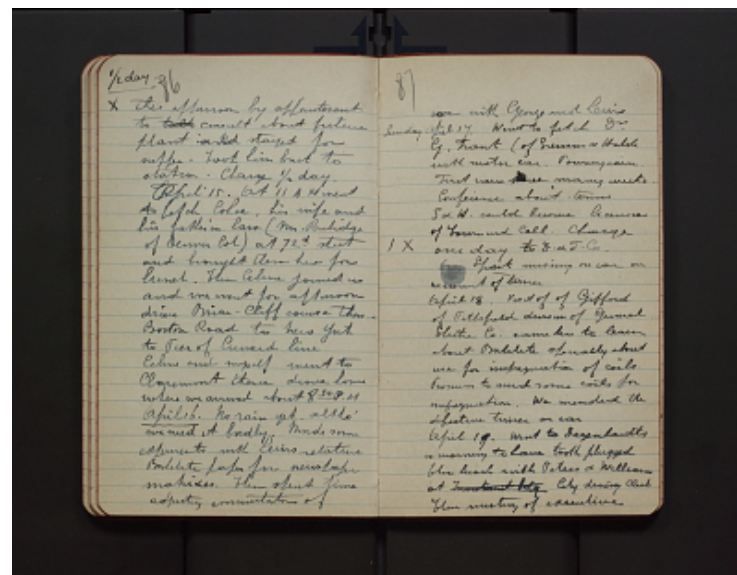
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one day to D. & F. Co.

Spark missing on car on account of timer

April 18. Visit of Gifford of Pittsfield division of General Electric Co. came here to learn about Bakelite especially about use for impregnation of coils. Promises to send some coils for impregnation. We mended the defective timer on car

April 19. Went to ~~Degenlautts~~ in morning to have tooth plugged Then lunch with Peters & Williams at ~~Investment blg~~ City dining Club Then meeting of executive



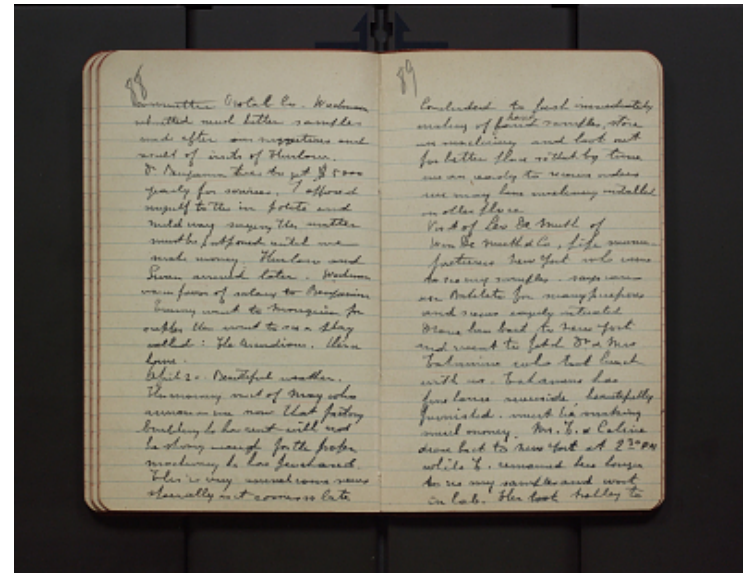
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committee Protol Co. Wiedmann submitted much better samples made after our suggestions and result of visits of Hunlow. J. Benjamin tries to get \$5000 yearly for services. I offered myself to this in polite and mild way saying this matter must be postponed until we make money.

Hunlow and Evans arrived later. Wiedmann was in favor of salary to Benjamin. Evening went to Marquis for supper then went to see a play called: The Guardians. Thence home.

April 20. Beautiful weather. This morning visit of May who announces we now that factory building he has rent will not be strong enough for the paper machinery he has purchased. This is very unwelcome news especially as it comes so late. Concluded to push immediately making of [[?]] hand samples, store our machinery and look out for better place so that by time we are ready to receive orders we may have machinery installed in other place.

Visit of Leo De Muth of Van De Muth & Co, pipe manufacturers New York who came to see my samples. says can use Bakelite for many purposes and seems eagerly interested. Drove him back to New York and went to fetch Jr & Mrs Tahamine who took lunch with us. Tahamine has fine house riverside, beautifully furnished. must be making much money. Mr. T. & Celine drove back to New York at 2:30 PM while I remained here longer to see my samples and work in lab. Then took trolley to



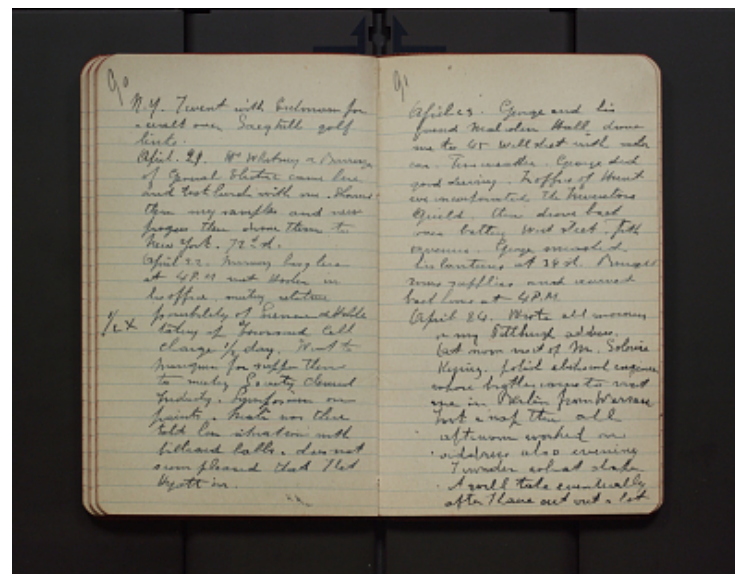
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N.Y. I went with Gielmann for a walk over Songhill golf links. April 21. Whitney & Boureyer of General Electric came here and took lunch with me. Showed them my samples and new progress then drove them to New York. [[72d st.]]. April 22. Morning busy here at 4 P.M. met Hooker in his office. meeting relative probably of Siemens & Halske taking of Townsend Cell charge 1/2 day. Went to Marquis for supper then to meeting Society Chemical Industry. Symposium on paints. Mali was there told him situation with billiard balls. Does not seem pleased that I let Hyatt in. [[end page]] [[start page]]

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April 23. George and his friend Malcolm Hall drove me to 45 Wall Street with motor car. Fine weather. George did good driving. In office of Hunt we incorporated the Inventors Guild, then drove back over battery West street, Fifth Avenue. George smashed his lanterns at 34 st. Bought some supplies and returned back home at 4 P.M. April 24. Wrote all morning in my Pittsburgh address. (at noon visit of Mr. Solorie Kying, polish electrical engineer whose brother came to visit me in Berlin from Warsaw Took a nap then all afternoon worked on address also evening I wonder what shape it will take eventually after I have cut out a lot



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of matter in which I am drifting!

April 25. Letter dictation as usual. intervals devoted to my address: Science & Industry etc. bothered by a certain Johnston of Philade who looks somewhat like an idiot and wants to use Bakelite for making spools for silk yarn. At 7 P.M. dinner at Engineers Club with Marsden, Cooper, Heroldt, Robins, C.W. Hunt Kelly, Dougherty. discussing Bylaws & Constitution of Inventors Guild. Slow and tedious process. just in time to catch. 12 AM train. Feel tired

April 26. Dictating letters hustling finishing address etc. hurried to New York. meeting of executive board Protal Co at 2 P.M Peters' office

[[end page]]

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Wiechmann presented once more one of his assertive everything ready, perfect etc. reports. which I tried to cool down a little but all his assertions are so "way beyond doubt" that I can correct little without causing a sure clash.

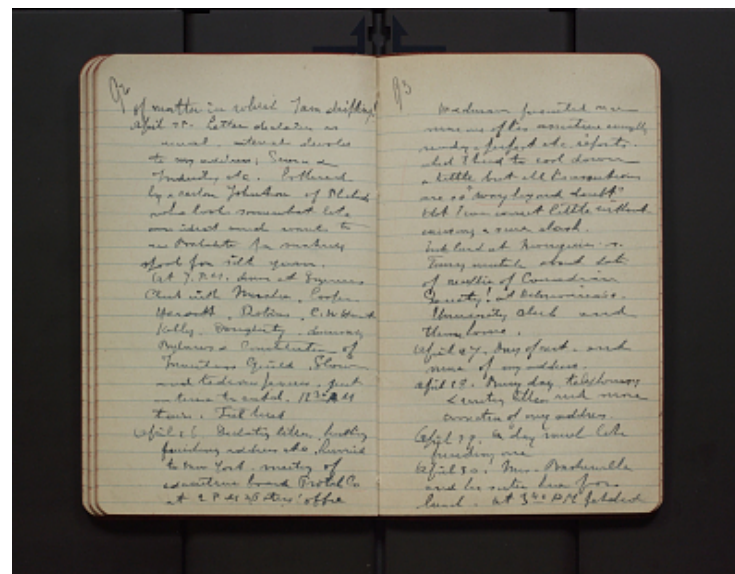
Took lunch at Mouquin's. Timing mistake about date of Canadian Society! at Delmonico's. University Club and thence home.

April 27. Day of rest. and more of my address.

April 28. Busy day. telephoning & writing letters and more correction of my address.

April 29. A day much like preceding one

April 30. Mrs. Baskerville and her sister here for lunch. At 3 PM fetched



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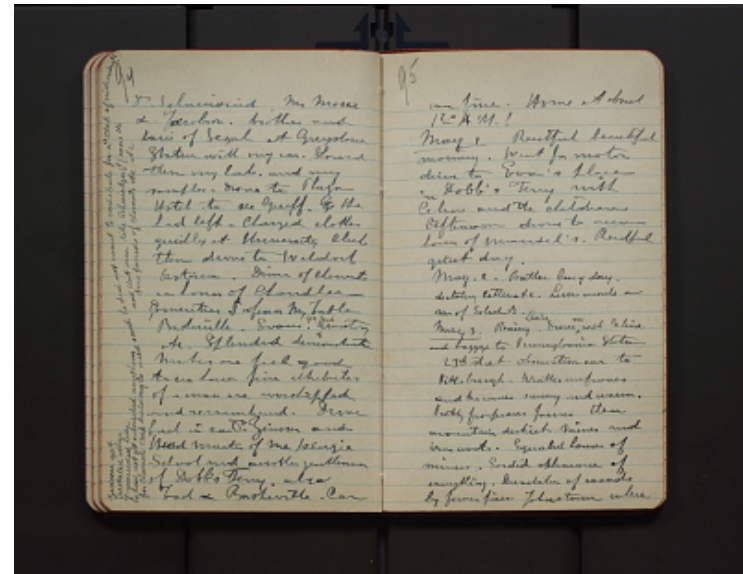
[[[Zenissee got irritated when I reminded him he had not yet subscribed anything for Chemists Club building Co and said he did not want to contribute for a "Club of millionaires!! and that men like Schweitzer (!) were the true friends of Chemists etc. etc.]]]]

T. Schneirwind, Mr Moser & Jacobson. brothers and law of Segal at Greystone Station with my car. Showed them my lab, and my samples. Drove to Plaza Hotel to see Goeff. He had left. Changed clothes quickly at University Club then drove to Waldorf Astoria. Dinner of chemists in town of Chandler Emeritus, Sofenn my table Baskerville, Evans, Dr Mrs Armstrong etc. Splendid demonstration makes me feel good to see how fine attributes of a man are worshipped and remembered. Drove back in car. Dr. Zimmer and Martin of McKenzie School and another gentlemen of Dobb's Ferry. also had Baskerville. Car was fine. Home at about 1:20 A.M.!

May 1 Restful beautiful morning. Went for motor drive to Evan's place in Dobb's Ferry with Celine and the children. Afternoon drove to new house of Mandel's. Restful quiet day.

May. 2. Rather busy day, dictating letters etc. Lewis made a run of Solid A.

May 3. Rainy. Lewis drove me and Celine and baggage to Pennsylvania Station 23d street. observation car to Pittsburgh. Weather improves and becomes sunny and warm. Pretty properous lawns then mountain district. mines and iron works. Squalid houses of miners. Sordid appearance of everything. Devastation of woods by former fires. Johnstown where



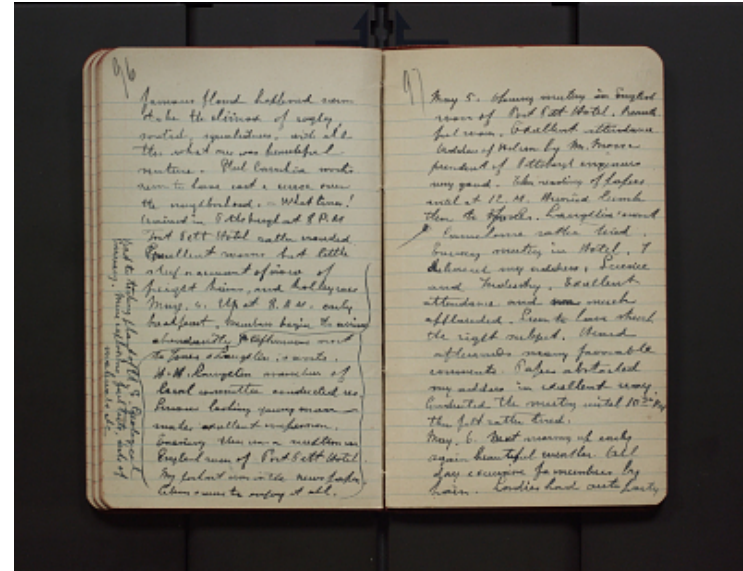
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Jamison flood happened seems to be the climax of ugly, sordid, squalidness. with all this, what once was beautiful nature, Steel [?]
works seems to have cast a curse over the neighborhood. -What times!
Arrived in Pittsburgh at 8 P.M. Fort Pitt Hotel rather crowded. Excellent
rooms but little sleep on account of noise of freight trains and trolley
cars.

May 4. Up at 8. A.M. early breakfast. Members begin to arrive
abundantly. [Visit to testing plant of U.S. Geological Survey. Mine
explorations, fuel tests, tests of materials etc Afternoon went to Jones &
Laughlin ir works. H. H. Laughlin a member of local committee
conducted us. Serious looking young man makes excellent impression.
Evening there was a reception in England room of Fort Pitt Hotel. My
[?] was in the news paper. Celine seems to enjoy it all.

May 5. Opening meeting in England room of Fort Pitt Hotel. Beautiful
room, Excellent attendance. Address of Welcome by Mr. Morse
president of Pittsburgh engineers very good. Then reading of papers
until at 12.M. Hurried lunch then to Jones, Laughlin's [?] Drove home
rather tired. Evening meeting in Hotel. I delivered my address, Science
and Industry. Excellent attendance and was much applauded. Seem to
have struck the right subject. Heard afterwards many favorable
comments. Papers abstracted my address in excellent way. Conducted
the meeting until 10:30 PM then felt rather tired.

May 6. Next morning up early, again beautiful weather. All day
excursion for members by train. Ladies had auto party

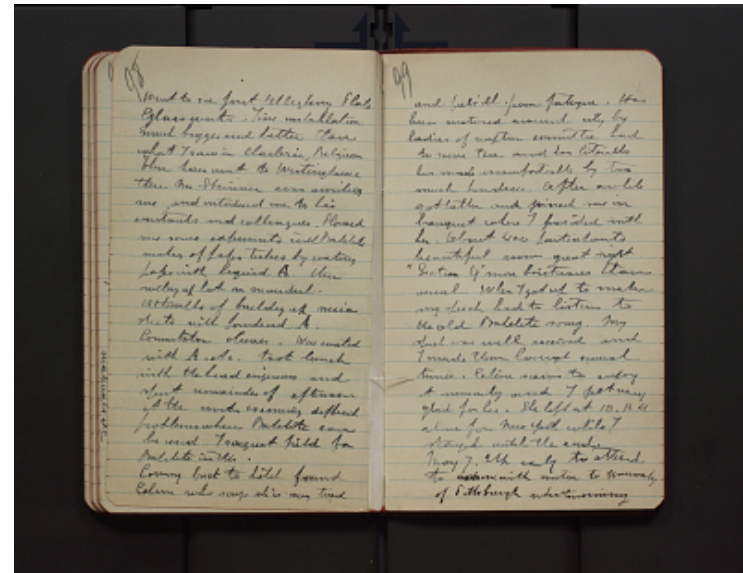


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went to see First Allegheny Plate Glass works. Fine installation much bigger and better than what I saw in Charleroi, Belgium. Then [??] went to Westinghouse. There Mr Skinner was awaiting me, and introduced me to his assistants and colleagues. Showed me some experiments with Bakelite making of paper tubes by watery paper with liquid A. then rolling up lot on mandril. Attempts of building up mica sheets with powdered A. [[Consulator]] sleeves. were coated with A. etc. took lunch with the head engineers and spent remainder of afternoon at the works examining different problems where Bakelite can be used. Transparent field for Bakelite in this.

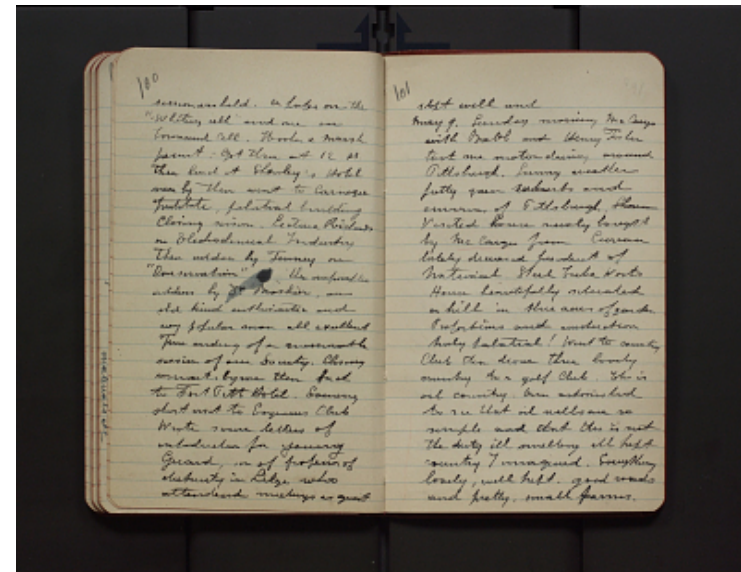
Coming back to hotel found Celine who says she is very tired and feels ill from fatigue. Has been motored around city by ladies of reception committee had to serve tea and has literally been made uncomfortable by too much kindness. After awhile got better and joined me in banquet where I presided with her. About 400 participants beautiful room great night. "Section A" more boisterous than usual. When I got up to make my speech had to listen to the old Bakelite song. My speech was well received and I made them laugh several times. Celine seems to enjoy it immensely and I feel very glad for her. She left at 10. P.M. alone for New York while I stayed until the end.

May 7. Up early to attend to drive with motor to University of Pittsburgh where morning



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session was held. A paper on the "Whiting cell" and one on Townand Cell. Hooker & Marsh present: Got thru at 12 M. then lunch at Stanley's Hotel near by then went to Carnegie Institute, palatial building. Closing session., Lecture Richards on Electrochemical Industry Then address by Finney on "Conservation" then informative address by Dr. Broshier, an old kind enthusiastic and very popular man all excellent. Fine ending of a memorable session of our Society. Closing remarks by me then back to Fort Pitt Hotel. Evening short visit to Engineers Club. Wrote some letters of introduction for young Gerard, son of professor of electricity in [[Libya?]] who attended meetings as guest. slept well and May 9. Sunday morning McCareys with [[?]] and Henry Fisher took me motor driving around Pittsburgh. Sunny weather pretty green suburbs and environs of Pittsburgh. ~~[[?]]~~ Showed ~~[[?]]~~ Visited house newly bought by McCarey from Curran lately deceased president of National Steel Tube Works. House beautifully situated on hill in three acres of garden. Proportions and construction truly palatial! Went to country Club then drove thru lovely country to a golf Club. This is oil country. Am astonished to see that oil wells are so simple and that this is not the dirty ill smelling ill kept country I imagined. Everything lovely, well kept, good roads and pretty, small farms.

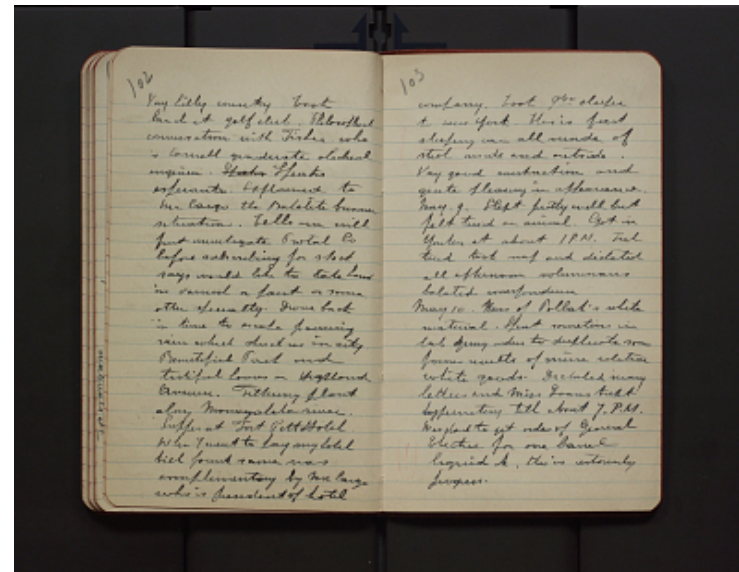


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Very hilly country. took lunch at golf club. Philosophical conversation with Fisher who is Cornell graduate electrical engineer. ~~States~~ ~~Speaks~~ Explained to Mr Cargo the Bakelite burner situation. Tells me will first investigate Protal Co before subscribing for stock says would like to take lead in varnish or paint or some other specialty. Drove back in time to escape pouring rain which struck us in city. Beautiful and tasteful on Highland Avenue. Filtering plant along ~~Monogalela~~ river. Supper at Fort Pitt Hotel. When I went to pay my hotel bill found same was complimentary by Mr Cargo who is president of hotel company. Took 9:40 sleeper to New York. This is first sleeping car all made of steel inside and outside. Very good construction and quite pleasing in appearance.

May 9. Slept pretty well but felt tired on arrival. Got in Yonkers at about 1 P.M. Feel tired took nap and dictated all afternoon voluminous belated correspondence.

May 10. News of Pollak's white material. Spent some time in lab giving orders to duplicate some former results of mine relative white goods. Dictated many letters and Miss Evans kept typewriting till about 7 P.M. Was glad to get order of General Electric for one barrel liquid A. this is certainly progress.



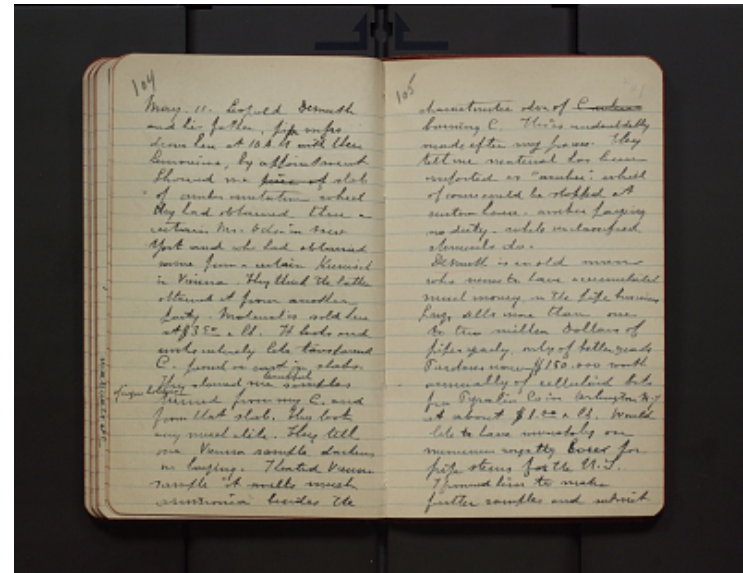
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May. 11. Leopold Desmuth and his father, pipe mfrs drove here at 10 A.M. with their limousine, by appointment. Showed me ~~piece~~ of ~~slab~~ of amber imitation which they had obtained thru a certain Mr. Adiss in New York and who had obtained some from a certain Kunisch in Vienna. They think the latter obtained it from another party. Material is sold here at \$3 50 a lb. It looks and works entirely like transparent C. pressed or cast in slabs. They showed me beautiful samples of cigar holders turned from my C. and from that slab. They look very much alike. They tell me Vienna sample darkens on ~~[[?]]~~. Heated Vienna sample A smells much ammonia besides the ~~[[end page]]~~
~~[[begin page]]~~

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characteristic odor of ~~[[strikeout]]~~ burning C. This is undoubtedly made after my process. They tell me material has been reported as "amber". which of course could be stopped at custom house. amber paying no duty, while unclassified elements do. Desmuth is an old man who seems to have accumulated much money in the pipe business Says sells more than one to two million Dollars of pipes yearly only of better grade. Purchases now \$150,000 worth annually of celluloid bits from Pyralin Co in Arlington N.Y. at about \$1.00 [[00 underlined]] a lb. Would like to have monopoly on minimum royalty cases for pipe stems for the U.S. I promised him to make further samples and submit



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them to him and provisionally, not to do anything with anybody else in pipe stem line until we had a chance to come further together. Then Susan came here and took lunch. Protal gets first order 20000 valve discs from Nathan Mfg. Co Reports satisfactory progress. Came here this afternoon M. Warner of Scovill Mfg Co. Waterbury Conn. Showed him my samples want to use Bakelite Lacquer and Bakelite paper for Glove Buttons etc. Managed to dictate many letters. a very busy day. Headache. It is time that I should get proper organisation. May 12. Dictating Patent specifications for Phonograph records and Shellac paper

[[margin]] (A [[Bake?]] order!) [[/margin]]

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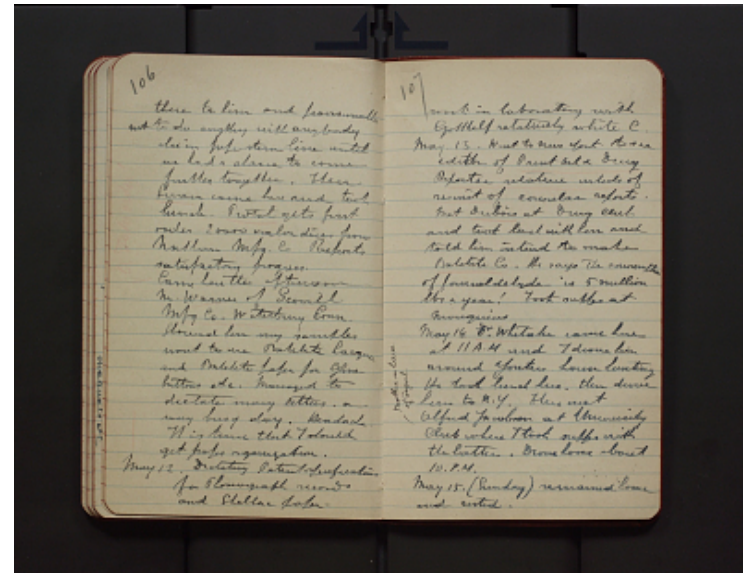
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work in laboratory with Gotthelf relatively white C. May. 13. Went to New York to see editor of Print Oil & Drug Reporter relative article of remit of [[coricular?]] reports. Met Dubois at Drug Club and took lunch with him and told him intend to make Bakelite Co. He says the enumeration of formaldehyde is 5 million lbs a year! Took supper at Moriquins.

May 14. Dr. Whitaker came here at 11 A.M and I drove him around Yonkers house hunting He took lunch here. then drove him to N.Y.

There met Alfred Jacobson ^[[--Brother in law of Segal]] at University Club where I took supper with the latter. Drove home about 10.P.M.

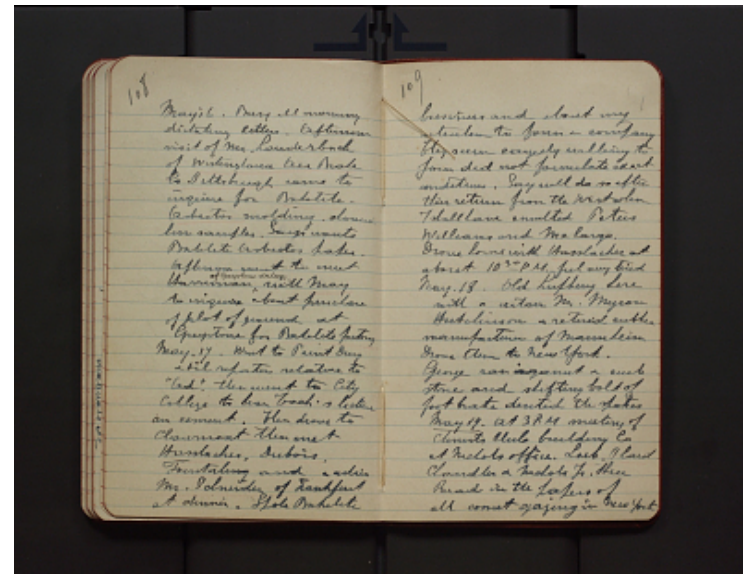
May 15. (Sunday) remained home and rested.



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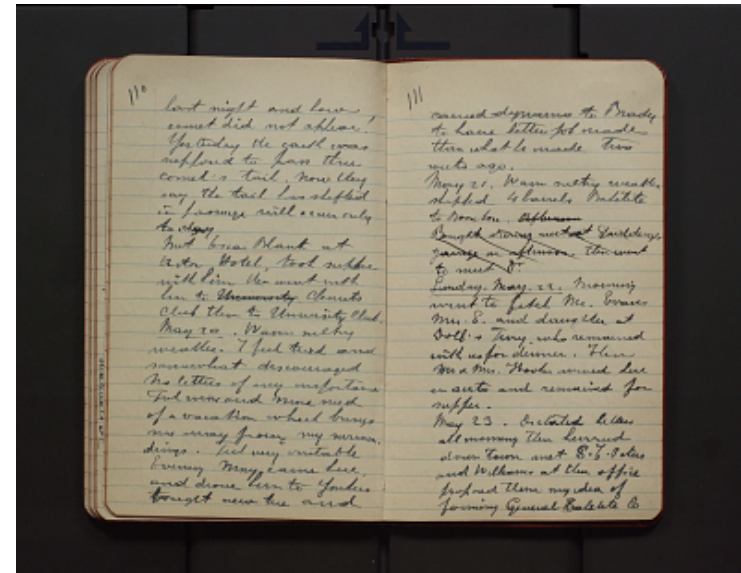
May 16. Busy all morning dictating letters. Afternoon visit of Mr. Louderbach of Westinghouse Air Brake Co. Pittsburgh came to inquire for Bakelite. Asbestos molding. showed him samples. Says wants Bakelite Asbestos paper. Afternoon went to meet Harrisman ^[[at Greystone station]] with May to inquire about purchase of plot of ground at Greystone for Bakelite factory.

May. 17. Went to Paint Drug & Oil reporters relative to "land". then went to City College to hear Bach's lecture on cement. Then drove to Claremont then met Hasslacher, Dubois. [[F?]] and a certain Mr. Solmindin of Frankfurt at dinner. Spoke Bakelite [[end page]] [[start page]] business and about me intention to form a company. They seem eagerly willing to form did not formulate exact conditions. Say will do so after their return from the West when I shall have consulted Peters Williams and Mr. Corgo. Drove home with Hasslacher at about 10 30 P.M. feel very tired May 18. Old Lumphrey here with a certain Mr. Myron Hutchinson a retired cupher manufacturer of Mannheim Drove them to New York. George ran against a curb stone and shifting bolt of foot brake dented the spokes May 19. At 3 P.M meeting of Clements Club Building Co. at Mofats office. Lack Plaid Chandler & Mofats Jr. then Read in the papers of all comet [[?]] in New York



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last night and how comet did not appear! Yesterday the earth was supposed to pass thru comet's tail. Now they say the tail has shifted in passage will & can only to [?]. Met Brian Blank at Astor Hotel. took supper with him then went with him to ~~University~~ University ~~Clements Club~~ Clements Club then to University Club. May 20. Warm sultry weather. I feel tired and somewhat discouraged. No letters of any importance. Feel more and more need of a vacation which brings me away from my surroundings. Feel very irritable. Evening May came here, and drove him to Yonkers bought new [tue?] and [end page] [start page] carried dynamo to Brady to have better job made than what he made two weeks ago. May 21. Warm sultry weather shipped 4 barrels Bakelite to Boonton. ~~Afternoon~~ Afternoon Bought during [?] at Shaulders, garage in afternoon. then went to meet Dr. ~~Sunday~~ Sunday, May, 22. Morning went to fetch Mr. Evans Mrs. E. and daughter at Doof's Ferry who remained with us for diner. Then Mr & Mrs. Hooker arrived here in auto and remained for supper. May 23. Dictated letters all morning then hurried down town met S. T. Peters and Williams at their office proposed them my idea of forming General Bakelite Co



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They seemed favorably inclined with my proposition told them would send them a memorandum They asked me to send them letter postponing date of deliveries of original protal contract which I promised to do. Then went to Protal Office where I met Weidman he showed me his intended paper for Niagara Falls ~~[[strikethrough]]~~ a pomp ~~[[strikethrough]]~~ containing many pompous and ~~[[?]]~~ misleading statements about Protal. Is the man without judgement or practical sense or does he willingly try to give an unwarranted importance to Protal? [[/u]]

At 6 ³⁰ P.M at University Club met Hooker & Gruff preliminary conference as to contract with

1/2 day X

Lumins & Halske. Charge 1/2 day to Hooles electrachemical Co Drove home with Lewis

[[end page]]

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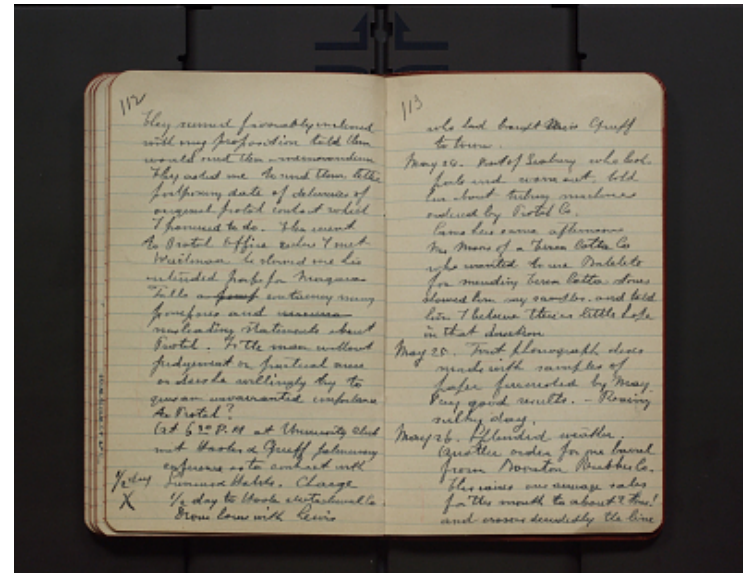
who had brought Miss Gruff to town.

May 24. Visit of Seabury who looks pale and worn out. told him about tubing machine ordered by Protal Co.

Came here same afternoon Mr. Moore of a Terra Cotta Co who wanted to use Bakelite for mending Terra Cotta stones showed him my samples. and told him I believe there is little hope in that direction

May 25. First phonograph discs made with samples of paper furnished by May Very good results. - Raining sultry day.

May 26. Splendid weather. Another order for one barrel from Boonton Rubber Co. This raises our average sales for this month to about 2 tons! and crosses decidedly the line



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where I am above my laboratory expenses, a very [??] [??] fact if I take into consideration that no real active work of introduction has been done thus far.

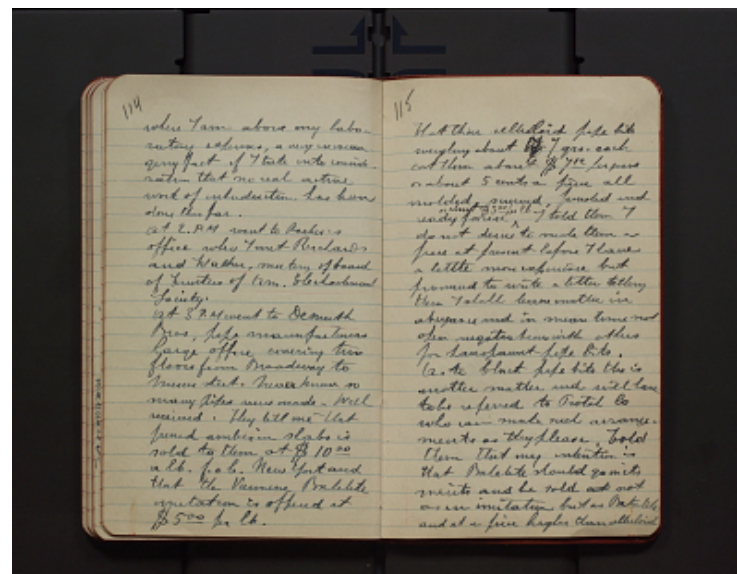
At 2 P.M went to Rocher's office where I met Richard and Walker, meeting of board of trustees of Am. Electrochemical Society.

At 3 P.M went to Demuth Bros, pipe manufacturers large office covering two floors from Broadway to Mercer street. Never knew so many pipes were made. Well received. They tell me that primed amber in slabs is sold to them at \$10⁰⁰ a lb. f.o b. New York and that the Viennese Bakelite invitation is offered at \$5⁰⁰ per lb.

[end page]
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that their celluloid pipe bits weighing about ~~some~~ 7 grs. each cost them about \$7¹² per gross of about 5 cents a piece all molded, screwed, finished and ready for use⁰⁰ or about \$3⁰⁰ per lb. I told them I do not desire to make them a price at present before I have a little more experience but promised to write a letter telling them I shall leave matter in abeyance and in mean time not open negotiations with others for transparent pipe bits. As to black pipe bits this is another matter and will have to be referred to Protal Co who can make such arrangements as they please. Told them that my intention is that Bakelite should go on its merits and be sold ~~at~~ not as an imitation but as Bakelite and at a price higher than celluloid
[end page]



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but lower than amber.

Came home at about 9.P.M. my pockets full of samples of pipe stems.

Saw first time one of Bakelite pipe stems being

funded. Workman says it works as well as amber.

This is decidedly stronger. Demull says color is not light enough. I think color could remain as it is provided material be

introduced under its own name.

May 27. Conference at Hookers office ~~in regard to Siemens~~ agency for

~~Townsend~~ Cell. Arriving there got news that Cell room and blend

room has burst last night and plant will be stopped for four months. I

conference Gruff and Frank being present

~~conference~~

~~conference~~

~~conference~~

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X 1 day special memorandum of wheel has been drawn up (Charge 1

day) at 2 P.M went together for lunch at Drug Club. I then went to

University Club with Gruff where I left at 7 P.M and took train home.

~~Bright~~ Clear dark night. On walking thru

out home saw first time Halley's comet. with long straight hazy tail very

visible altho' not very brilliant Head of comet looks like a nebula.

May 18. Went to fetch D^r ~~Roeber or Roker~~ and Mrs. ~~Roeber or Roker~~ at

72^d street? They took lunch here and I

motored them back at 7.P.M Fine warm day. Evening ^{club}

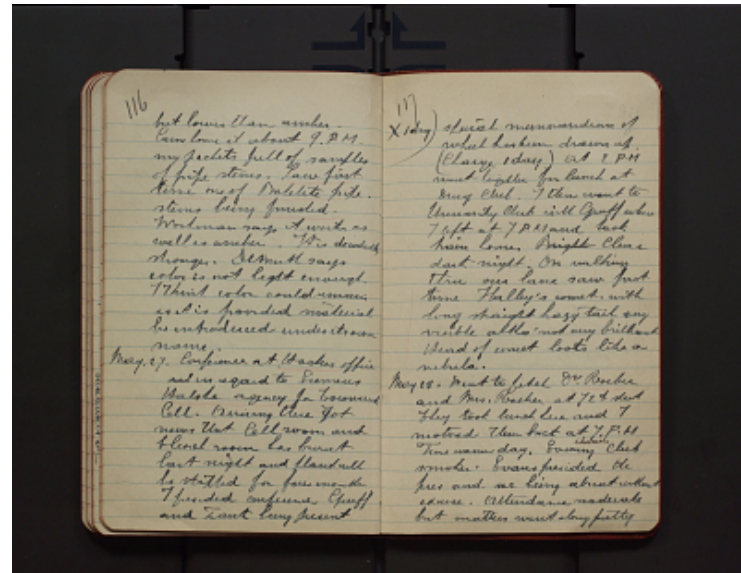
chemists ^{club} Club smoker. Evans presided the Pres and sec

being absent without excuse. Attendance moderate but matters went

along pretty

~~conference~~

~~conference~~



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well. Club smokers are not properly taken care of this year. I was asked to make a speech relative to Pittsburgh meeting of Am. electrochemical Society. it went off pretty well. Drove home in car with Brederer, Nunell, Riebman and Berolzhemier

May 29. (Sunday). Beautiful day. 1910 Blank telephoned me he was in town so after lunch went to fetch him with motor. went on motor excursion stopping ~~at~~ a few minutes ~~at~~ ^{at} Snug Rock and brought him back in evening. He is much more educated and cultured than he looks and has very intelligent conversation. This morning while sitting on steps of our Piazza and looking towards Hudson we suddenly heard shooting of cannon salute at

showed him my laboratory and samples and recent progress in Bakelite.

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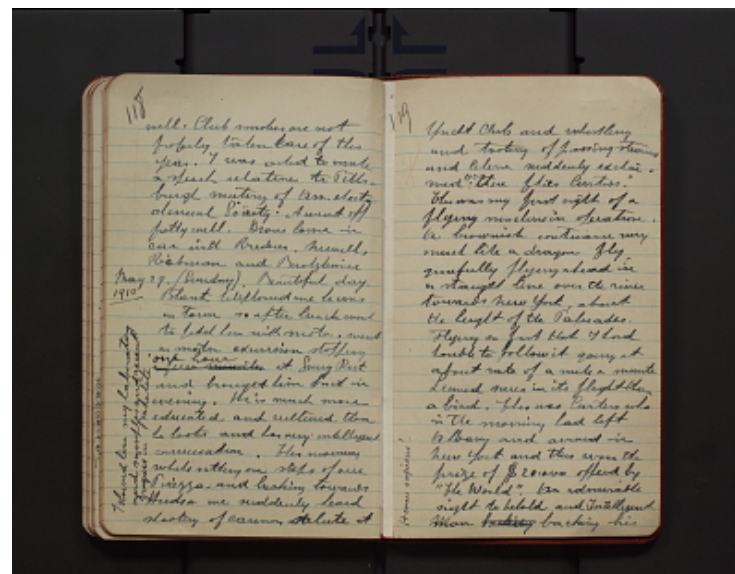
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Yacht Club and whistling and tooting of passing steamers and Celine suddenly exclaimed "There flies Curtiss."

X

This was my first sight of a flying machine in operation. A brownish contrivance very much like a dragon fly, gracefully flying ahead in a straight line over the river towards New York, about the height of the Palisades. Flying so fast that I had trouble to follow it going at about rate of a mile a minute Seemed surer in its flight than a bird.

This was Curtiss who in the morning had left Albany and arrived in New York and thus won the prize of \$20,000 offered by "The World". An admirable sight to behold and Intelligent Man ~~backing~~ backing his ~~backing~~ Homo sapiens!



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intelligence by his courage.

May 30. Decoration day. Stayed home and spent restful day. Clear in morning alternated with heavy showers. Early to bed but I felt poorly after telegram from Niagara Falls to call me there tomorrow.

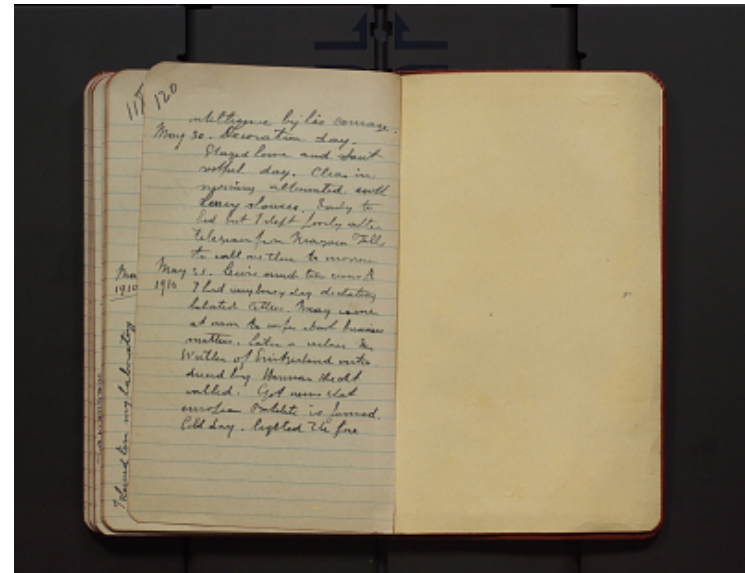
May 31. 1910

Lewis made two runs A I had very busy day dictating belated letters.

May came at noon to confer about business matters. Later a certain Mr. [[Witler]] of Switzerland introduced by Herman Hecht called. Got news that European Bakelite is formed. Cold day. lighted the fire

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