

FILE DESCRIPTION

NEW YORK FILE

Bulky Exhibits

SUBJECT Abraham Brothman

FILE NO. 100-95068

VOLUME NO. _____

SERIALS _____

1B34

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1B35

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BULKY EXHIBIT

Date received 5-7-50

ABRAHAM BROTHMAN

100-95068-1B
(Title of case)

Submitted by Special Agent ROBERT M. WARE

Source from which obtained HCS at 2925 71st Ave. Known to SA Swanson,
Address McCarville, & Glascock

Purpose for which acquired INVESTIGATION

Location of bulky exhibit IN CANNED WITH FILE

Estimated date of disposition TO BE DECIDED AT CONCLUSION OF CASE

Ultimate disposition to be made of exhibit RETAIN

List of contents:

- 34. One reel of photorecord film.
- 35. Copies of photorecord film, names and addresses taken from Brothman address book, copy of scientific paper prepared by Brothman, copies of income tax return, miscellaneous correspondence, copies of cancelled checks

100-95068-1B ⁽²⁰⁾
as

Sm

I. Background

A. Definition -- Given a mixture of two gases contained between a hot and a cold wall, there will be set up a considerable difference in the relative concentrations of the two gases at the top and the bottom of the apparatus; this effect is known as thermal diffusion (or thermal siphoning). If steady states of temperatures and pressure are continued, then either the separation of the two gases will be complete or an equilibrium will be reached -- which equilibrium is determined by a separation factor. If, however, the gas mixture is in motion and small amounts of the products at either or both ends of the equipment are regularly taken off, then by continued repetitions of such a process, a complete separation of almost any two gases may be obtained. But it should be noted that the rate of circulation of the gas mixture must be such that it is well below the critical value for the Reynold's Number, i.e., so that no turbulence will result -- otherwise, a considerable amount of re-mixing may occur.

While some difference in the molecular weight of the two gases is helpful in their separation, still gas pairs of the same molecular weight (i.e., H_2 and C_2H_4) and even better yet gas pairs containing isotopic elements (i.e., $C^{13}H_4$ and CH_4 or HCl^{37} and HCl^{35}) can be split.

Thermal diffusion in the case of liquids is known as the Soret effect and experimental work on it has been, thus far, confined to a fluid at rest. Not only may solutions of one liquid in the other be separated (i.e., glycerine in water) but also solutions of solids in liquids (sucrose in water) and ternary mixtures ($H_2O - HCl - BaCl_2$).

B. Historical -- The phenomenon of thermal diffusion was first discovered theoretically by Enskog¹ of Sweden in 1911 and independently by Chapman² of England in 1917. Curiously enough it was missed completely by Boltzmann, Van der Waals, Thompson, Maxwell, and the other workers on the kinetic theory of gases. Later in the same year (1917) Chapman and Bootson³ gave the first experimental proof of thermal diffusion. It was Chapman⁴ who first suggested (1919) the use of thermal diffusion in the separation of isotopes but this idea was ridiculed by Mulliken⁵ who concluded that it could not compete with the other methods such as centrifugal separation or gaseous diffusion.

As a result, except for such theoretical and experimental work as was done by Chapman up until 1932, the utilization of thermal diffusion was completely neglected by physicists till 1938 when it was revived by Clusius and Mickel⁶ in Germany, and then in America by Brewer and Bramley and a number of other investigators.

The so-called Soret effect for liquids was really first observed by Ludwig⁸ in Germany in 1856; it was reported in France by Soret⁹ twenty-five years later.

II. Theory

Furry, Jones, and Onsager¹⁰ (Photocopy 1) believe that "No simple theory can give an account of thermal diffusion; neither its existence nor its sign can be derived from elementary considerations. Its presence can be only understood by a detailed consideration of the equations of transport in a gas." However, Frankel¹¹ (Photocopy 2) and Gillespie¹² (Photocopy 3) have proposed reasonably simple explanations; these considerations can be used to give a correct estimate of the value of the thermal diffusion constant.

Bramley¹³ gives as a general description of the three actions that give rise to thermal diffusion:

a. Difference in mass (thermal or initial diffusion).

As can be seen in the separation of isotopes, these mass differences need not be very great but it is certain that the splitting up of two gases of widely different molecular weights is a very much more rapid process.

b. Mass action of gas similar to convection current.

This is the origin of the term "thermal siphoning". The general effect is for the lighter molecules to go to the hot side and rise and for the heavier molecules to go to the cold side and fall, i.e., the

coefficient of thermal diffusion is positive in sign; but for certain mixtures and under certain circumstances this process may be reversed and the sign made negative.

- c. A slight additional concentration exists in the Langmuir film surrounding the hot side -- there is a definite motion of the gas in this film which arises from the swirling motion of the gas outside this film. Thus, an interchange of molecules occurs between the swirls themselves and between them and the Langmuir film due to the differences in mass.

To these may be added:

- d. The radii of the two molecules.

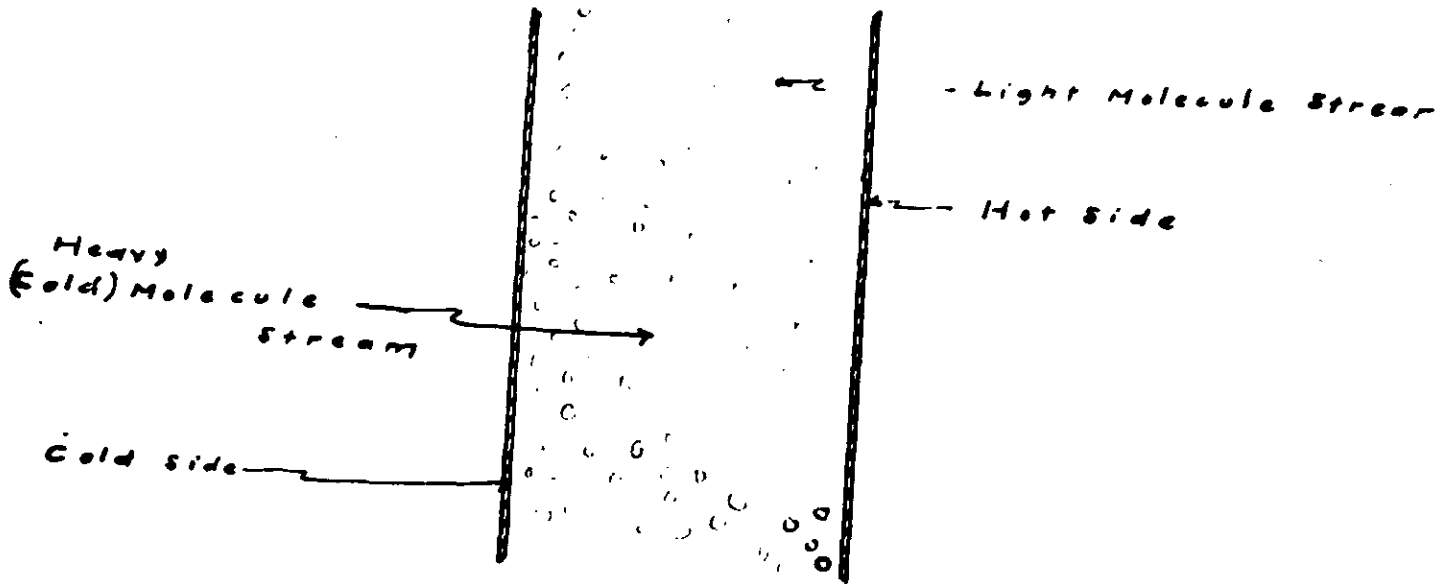
Not all mixtures can be separated as the coefficient of thermal diffusion vanishes when the mode of interaction, the radii and the masses of the two sets of molecules are all equal. Such may be the case¹⁴ for the pair CO and N₂.

All theoretical efforts to explain the Soret effect in liquids have been completely unsuccessful^{15, 16, 17}.

III. Description of Apparatus

Essentially all that is needed are two concentric cylinders, the inner one heated and the outer one cooled, mounted in a vertical position, with reservoirs at the top and bottom communicating with the annular space between the cylinders where convection and diffusion take place.

The diagram below describes the action taking place in one such device.



As is shown, in most cases the lighter molecules will concentrate toward the top of the apparatus.

Clusius and Dickel⁶ ran a heated wire up the axis of a long vertical hollow tube into which was put the gas mixture to be separated; using such an apparatus and a 50% Helium - 50% Bromine mixture, the two gases can be separated in a matter of minutes in a tube only 3 feet long. Korsching, Wirty and Masch¹⁸ describe also a flat metal form of thermal diffusion equipment in addition to the two already given. Taylor and Gockler¹⁹ (Photocopy 4) and Nier and Bardeen²⁰ (Photocopy 5) detail the construction of thermal diffusion

columns used in this country for isotopic separation. The use of a rotating annular space apparatus to increase the field of gravity by a factor up to 10 has been tried by Farber and Libby²¹ (Photocopy 6) and with interesting results.

Devices for thermal diffusion in liquids are described by Gillespie and Breck²² (Photocopy 7) and by Carr^{23, 24} (Photocopies 8 and 9) Gillespie and Breck use glass apparatus and an annular space of circular shape while Carr utilizes the flat shallow groove form after Korsching and Wirty²⁵; in this last respect it should be noted that the apparatus works best when sloped at a definite angle.

Getting back to thermal diffusion in gases, one very significant feature of the apparatus is that an annular spacing of 0.7 cm. seems to work better than any other distance. Also, once the preliminary work on the separation factor, , for any mixture of two gases has been done, the equations of Furry, Jones and Onsager¹⁰ (Photocopy 1) can be used to aid in the design of apparatus.

While in most of the reported work the inner tube is usually heated by Nichrome wire still any other means, such as steam or Dowtherm can probably be used much more effectively on an industrial scale.

IV. Uses of Thermal Diffusion

It is proposed to utilize thermal diffusion to increase the concentration of O₂ in air from the normal 21% up to 60%

or 80%. This enriched oxygen can then be used for any oxidation process such as the manufacture of sulfuric acid from sulfur and the preparation of nitric acid from ammonia. The saving in size of equipment, power, and overall efficiency would be incalculable.

Other proposed fields of investigation would be:

- a. Recovery of CO_2 from stack gases: if the ordinary 14% by volume CO_2 concentration could be raised to say 40% or 60%, then this process can be made feasible, i.e., chemical means of absorbing the CO_2 could then be employed.
- b. Separation of azeotropic liquid mixtures particularly such as ethanol-water and the bothersome methanol-other solvents azeotrope.
- c. Separation of liquid mixtures with close boiling points such as the xylols.
- d. Concentration of the end products of the butanol-acetone-ethanol fermentation. These occur in a total of only 2 to 3 grams of solvent per 100 cc. of beer and the cost of distillation is necessarily high.
- e. Separation of fog from gases.
- f. Separation of traces of impurities from liquids, such as thiophene in benzene.
- g. Separation of isosteric and isomeric mixtures.

This list is only a hint as to what can actually be done by the application of thermal diffusion.

V. Conclusions

While nothing as yet has appeared in the literature regarding the application of thermal diffusion to an industrial process, still, in order to be on the safe side it must be assumed that such work is being investigated. It is certain, however, that the first person to submit pilot plant proofs of definite industrial uses will be in a key position in a new and potentially vast field. Given a particular design of apparatus for application to a particular separation such an apparatus and process could easily be patented; and, given a sufficient head start, a whole patent structure could be built up.

Note: Appended are the nine photocopies referred to in the body of the report.

References

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6. K. Clusius and G. Dickel, Naturwiss 26:546 (1938)
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10. Furry, Jones, and Onsager, Phys. Rev. 55:1083 (1939)
11. Frankel, Phys. Rev. 57:661 (1940)
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14. F. T. Wall and C. E. Holley, J. Chem. Phys. 8:348 (1940)
15. Weysside, Ann. de Physique 2:67 (1914)
16. Porter, Trans. Faraday Soc. 23:314 (1927)
17. S. Chapman, Phil. Mag. I; 1 (1929)
18. H. Korsching, K. Wirts, and L. W. Masch, Ber. 73B:249 (1940)
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20. A. Nier and J. Bardeen, J. Chem. Phys. 9:690 (1941)
21. Farber and Libby, J. Chem. Phys. 8:965 (1940)
22. L. Gillespie and S. Breck, J. Chem. Phys. 9:370 (1941)
23. H. Carr, Phys. Rev. 61:726 (1942)
24. H. Carr, J. Chem. Phys. 12:349 (1942)
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LOANS PAYABLE
as of December 31, 1947
A. BROTHMAN AND ASSOCIATES

Naomi Brothman	\$12,433.
G. N. Wollan	1,000.
S. J. Moskowitz	190.
C. Vago	100.
	<u>\$13,723.</u>

Note: There is an amount of \$1,195 which appears in 1947 as paid, having been applied against the amount owing to Naomi Brothman Loans Payable. This sum represents payments that were actually made, but at the time they were made there was a question of whether to consider them as A. Brothman's drawing or whether to decrease the Loans Payable account. We did the latter, leaving a balance at the end of the year 1947 of \$12,433 owing to Naomi Brothman. We would like to take that sum of \$1,195 and put it in the drawing (A.B.) account, thereby increasing the amount owing to N.B., for the reason that you understand. If you believe this to be a reasonable procedure, please go ahead and do it. The Loans Payable at the end of 1947 will then appear as \$14,918 in total.

I am representing below the Loans Payable 1947 account for your ease in understanding what I'm trying to represent above:

LOANS PAYABLE			
	<u>1947</u>		
* Feb. 28 (NB)	C81	350.00	
April 30 (B.P.)	C84	2,000.00	
* May 31, 1/2 (NB)	C87	300.00	
June 30 (L.N. and B.P.)	C89	6,000.00	
* Aug. 31 (NB)	C93	545.00	
		<u>9,195.-</u>	
	<u>1947</u>		
	Jan. 1		B/S \$8,100. **
	Jan. 30 (NB)		G79 1,500.
	Feb. 28 (NB)		C81 3,000.
	28 (NB)		C81 453.
	March 31 (NB)		C83 1,700.
	April 30 (NB)		C84 700.
	May 31 (M.N.)		C86 5,000.
	31 (A.B.)		C86 1,000.
	Dec. 31 (N.B.)		J100 1,275.
	31 (SJM)		C100 190.
			<u>22,918.</u>

* These items are, totalled, the \$1,195 I refer to.

** These items from 1946 are:
B. Flato \$3,000.
N. Brothman 4,000.
G.N. Wollan 1,000.
C. Vago 100.

The last item should have been applied against Vago's Investment but I guess Halpern forgot.

SCHEDULE OF A/C PAYABLE AS OF 12/31/47
A. BROTHMAN AND ASSOCIATES

American Instrument Co.		\$ 51.00
Brooklyn Union Gas Co.		9.45
Beck and Herr		32.00
Consolidated Edison Co.		36.17
Commercial Towel Service		10.61
Cleary, Gottlieb, Friendly and Cox		3,106.45
City Chemical Corp.		13.93
Eiser and Amand		170.40
Exchange Linen Service		9.30
Gensup Stationery Corp.		34.46
Sarge Jarvis		600.00
Keuffel and Esser		20.28
Liquid Carbonic Corp.		13.28
Miscellaneous:		
Milky Express	\$1.17	
Precision Thermometer	9.84	
Elk Welding	.40	
American Chem. Society	<u>1.70</u>	13.11
New York Telephone Company		109.09
New York Public Library		5.50
Pine Hill Crystall Spring Water		5.61
Pennie, Edmonds, Morton and Barrows		151.82
Paragon Testing Co.		24.12
RCA Communications, Inc.		3.12
Scientific Glass Apparatus Co.		215.05
Terminal Garage		83.98
		<hr/>
Total.....		<u>\$4,718.73</u>

A. BROTHMAN AND ASSOCIATES

A/C Receivable as of 12/31/47:

Mettur Chemical and Industrial Co. (India)	\$10,000.
G. Paschal	800.
Montecatini Societa Generale (Italy)	500.
Edward Quick	7,000.
	<u>\$18,300.</u>

SALARY Accruals as of 12/31/47:

S. Silberstein (1946), Salary	\$ 150.72
R. Wollan (1946 -) (This is under "Consulting Fee")	550.00
W. Rohall: (Salary)	
1946 \$1147.50	
1947 1356.37	
2/5 of weekly salary at end of 1946	2,503.87
Accounting fees	190.00
Retroactive salaries as per union contract	20.00
H. Gold, salary (bonus or overtime) 1946	240.00
H. Gold, 1947 salary accrual	2,000.00
R. Gerson, 1947 " "	2,100.00
S. Fanshel, 1947 " "	2,893.63
H. Rabinovitch, 1947 " "	1,635.00
P. Levine, Consulting Services	913.75
	<u>1,400.00</u>
	\$13,996.97

(The salary accruals for 1948 alone are:

R. Gerson	\$2,893.63
H. Gold	2,100.00
W. Rohall	1,356.37
S. Fanshel	1,635.00
H. Rabinovitch	913.75
P. Levine (Consultin.)	1,400.00
	<u>\$10,298.75</u>

Under the miscellaneous accruals items above, the items of \$190 (2/5 of weekly payroll), \$240.00 (retroactive pay if conditions had permitted) and \$20. (accountant's fee) should be adjusted. The \$190. and the \$20. items were in fact paid. I don't know whether you should wipe out the \$240. item, or through it into Gold's overtime or bonus account. You could do the latter, since he will receive even more than that when we do pay off.

SCHEDULE OF A/C PAYABLE AS OF 12/31/47
A. BROTHMAN AND ASSOCIATES

American Instrument Co.		\$ 51.00
Brooklyn Union Gas Co.		9.45
Beck and Herr		32.00
Consolidated Edison Co.		36.17
Commercial Towel Service		10.61
Cleary, Gottlieb, Friendly and Cox		3,106.45
City Chemical Corp.		13.93
Eimer and Amend		170.40
Exchange Linen Service		9.30
Gensup Stationery Corp.		31.16
Serge Jarvis		600.00
Keuffel and Esser		20.28
Liquid Carbonic Corp.		13.28
Miscellaneous:		
Bilkay Express	\$1.17	
Precision Thermometer	9.34	
Elk Welding	.40	
American Chem. Society	<u>1.73</u>	13.11
New York Telephone Company		109.09
New York Public Library		5.50
Pine Hill Crystall Spring Water		5.61
Pennie, Edmonds, Merton and Barrows		151.82
Paragon Testing Co.		21.12
RCA Communications, Inc.		3.12
Scientific Glass Apparatus Co.		215.05
Terminal Garage		83.98
		<hr/>
Total.....		<u>24,718.73</u>

4 May 1948

MEMORANDUM

TO: Mr. Milton Weiss
RE: Closing of Books for 1947

Dear Mr. Weiss:

I took a trial balance today which is reproduced below. I am rather confused about it, as you will see. There are also several questions: did you make provision for a Reserve for Taxes account; why the unemployment insurance provision of \$17.69; do I carry over into 1948 Depreciation \$1637.17 or Reserve for Depreciation 3619.47?

Cash	\$.21	
Accounts Receivable	17,500.00	
Accounts Payable		\$ 4,718.73
Office Equipment	800.86	
Design and Drg Rm Equipment	268.82	
A. Brothman, Investment		1,452.22
O. J. Vago, Investment	11,385.38	
M. Moskowitz, Investment	369.76	
Deposits Receivable	165.50	
Loans Payable		13,918.00
Accruals		14,116.47 -
Petty Cash	25.60	
Service Income		4,000.00
Social Security		7.05
Withholding Taxes		10.00
Library	215.35	
Des. and Drg. Rm. Furniture and Fix.	21.79	
Laboratory Equipment	1,421.15	
Laboratory Instruments	1,384.09	
Laboratory Furniture and Fixtures	718.71	
Depreciation	1,637.17	
	\$35,914.39	\$38,252.47

I'm really afraid I have messed up something.

Sincerely,

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
- 41 Avenue, Long Island City 1, New York
Phones 6-5451

June 18, 1948

Mr. Milton Weiss
1905 McCombe Road
Bronx, New York

Dear Mr. Weiss:

Enclosed you will find the various schedules you requested, in addition to a revised trial balance for May 31, 1948.

The revisions in the trial balance are these: Sales Taxes (#70) was added incorrectly and should be \$.20 less than you took off. I checked this very carefully; this would account for the \$.20 difference we had yesterday. The starred items (#27 and #105) have been reduced each by \$150. for the following reason: We were forced to return \$150 to a client who had paid us last year for some lab work. The question arose in April 1948 and we paid it during that month. I thought, however, instead of reducing our Service Income account, I would charge the item to Lab Rent and Services. Now, since Mr. Vago can raise a question about it if for no other reason than to doubt the veracity of the books, I thought it would be better to correct the situation. I therefore entered a credit against Service Income and deleted the credit from Lab Rent and Services for April 1948 in the amount of \$150, thereby reducing both accounts.

So far as the accruals are concerned, you will note the statement starred against the item of \$913.75. We paid Mr. Rabinovitch \$100 on account during March 1948. Under the accruals for 1948, there is a questionable item of \$1,000 due Mr. Maxwell Levy, and is explained as follows: We borrowed \$5,000 from J. Kline who got it for us from Levy. The charge we agreed to pay was \$1,000, so when we borrowed the \$5,000 we actually signed a note for \$6,000. The total amount is due July 1, 1948. I don't know if this item can be included under accruals since it is not due until July 1. You will have to decide that.

I don't want to harass you to hurry, because I know you keep pretty busy, but if you can possibly manage it without inconvenience I'd like to finish up as soon as possible with getting the books in order.

Sincerely,

A. BROTHMAN AND ASSOCIATES
TRIAL BALANCE
May 31, 1948

Page	Account	Dr.	Cr.
1	Cash	\$ 17.50	
3	Accounts Receivable	17,500.00	
5	Accounts Payable		5,857.91
7	Office Equipment	889.84	
8	Design and Dfg.Rm. Equipment	322.90	
9	A. B. Investment		1,452.22
11	O.J.V. Investment	11,385.38	
12	Deposits Receivable	165.50	
13	M.M. Investment	369.75	
15	A. B. Drawing	2,675.00	
17	O. J. V. Drawing	1,076.05	
19	M. M. Drawing	578.00	
21	Loans Payable		21,368.00
23	Accruals		14,016.47
24	Reserve for Depreciation		3,619.47
25	Petty Cash	10.23	
*27	Service Income		4,530.76
30	Salaries	2,085.00	
33	Office Rent and Services	833.74	
37	Office Tel. and Tel.	256.85	
39	Office Supplies	66.09	
41	Blue and Photo Prints	93.66	
44	Business Expense	107.73	
45	Accounting Fees	100.00	
46	Legal Fees	885.23	
47	Postage	69.76	
49	Travel Expense	2,180.97	
51	Entertainment	186.25	
53	Office Insurance	111.55	
54	Professional Services	350.00	
55	Social Security Taxes (Employees')		10.40
59	Car Expense	321.28	
61	Withholding Taxes		125.20
63	Library	219.81	
65	Taxes Paid (U.I., S.S.)	88.23	
67	Drafting Rm. Supplies	13.57	
80	Sales Taxes	38.99	
77	Fares	21.25	
*105	Lab Rent and Services	161.42	
107	Laboratory Glassware	232.55	
114	Lab. Supplies and Chemicals	293.26	
117	Transportation Charges	34.20	
119	Laboratory Equipment	2,882.22	
121	Lab. Tel and Tel	111.03	
125	Lab. Linen and Laundry Service	34.05	
129	Lab. Instruments	2,614.12	
133	Lab. Furniture and Fixtures	1,597.56	
		<u>\$51,010.43</u>	<u>\$51,010.43</u>

A. BROTHMAN AND ASSOCIATES

Accounts Payable as of May 31, 1948

Advance Printing Co.		\$ 15.15
American Cyanamid Co.		11.42
American Instrument Co.		51.00
Brocklyn Union Gas.		4.26
Beck and Herr		32.00
Consolidated Edison Co.		16.43
Commercial Towel Service		13.88
Cleary, Gottlieb, Friendly and Cox	3,861.95	
Dictaphone Corp.		36.45
Kiser and Amend		84.16
Exchange Linen Service		9.30
Martin M. Goldberg, Insurance		56.70
Serge Jarvis		600.00
Keuffel and Esser Co.		47.08
Liquid Carbonic Corp.		.20
Machlett and Co.		28.98
Matheson and Co.		35.05
Miscellaneous:		
Milky's Express	\$1.17	
Amer. Chemical Society	1.70	
Elk Welding Co.	.40	
H. Reguer	84.85	
Tiret Electric Co.	102.00	
Harry Wilen Stationer	3.54	
Niagara Electric Co.	96.42	
Gertrude Kogon	60.00	350.08
NY Telephone		71.38
NY Public Library		5.50
Pine Hill Crystal Spring Water		21.22
Pennie, Edmonds		251.55
Paragon Testing		4.32
RCA		53.57
Rohm and Haas		4.49
Scientific Glass Apparatus Co.		156.31
Terminal Garage		45.48
As of May 31, 1948		<u>\$5,857.91</u>

Additional Accounts Payable, June 1, 1948

Hosinger and Bode	\$156.78
Terminal Garage	34.76
Edward Quick	35.00
Julian Brodie and Julius Weiss, Esq.	250.00
Keuffel and Esser Co.	1.10
	<u>\$477.64</u>

A. BROTHMAN AND ASSOCIATES

Accounts Receivable as of May 31, 1948:

Mettur Chemical and Industrial Co.	\$10,000.
Montecatini Societa Generale	500.
Edward Quick	<u>7,000.</u>
	<u>\$17,500.</u>

Loans Payable as of May 31, 1948:

H. Brothman	\$14,178.
Jerome Kline	5,000.
R. V. Ramani	900.
S. J. Moskowitz	890.
Kogon Brothers Nursery	300.
O. J. Vago	<u>100.</u>
	<u>\$21,368.</u>

Accruals as of December 31, 1948:

S. Silberstein, Salary 1946	\$ 150.72
R. Wollan, 1946	550.00
W. Rohall:	
1946 \$1,147.50 (1,147.00)	
1947 1,356.37	
	2,503.87 (2,503.37)
H. Gold (1946 overtime—however, mutually agreed not due)	2,000.00
H. Gold, 1947 Salary	2,100.00
R. Gerson, 1947 Salary	2,893.63
S. Fanshel, 1947 Salary	1,635.00
H. Rabinovitch, 1947 Salary	913.75 *
P. Levine	<u>1,400.00</u>
	.97 ?
	<u>\$14,146.47</u> ledger entry

* Paid against this item \$100 3/31/48

Accruals as of May 31, 1947: (from 1/1/48)

Philip Levine	\$ 1,800.00
William Rohall	960.00
Harry Gold	1,300.00
Robert Gerson	525.00
Maxwell Levy (note dated 4/1/48, due 7/1/48) ??	<u>1,000.00</u>
	<u>\$ 5,585.00</u>

AGREEMENT made this 23rd day of January, 1950, among ULSTER CHEMICALS, INC., a New York Corporation, hereinafter referred to as the CORPORATION, R.V. RAMANI, whose address is in care of Singmaster & Breyer, at 420 Lexington Avenue, New York City, SIGMUND J. MOSKOWITZ, residing at 772 Boulevard, Bayonne, New Jersey, LOUIS E. SCHEINMAN, residing at Greenfield Park, New York, BERNARD PIDTO, residing at 783 Troy Avenue, Brooklyn, New York and EMIL J. BARISH, residing at 21-44 78th Street, Jackson Heights, New York.

In consideration of the mutual covenants herein contained, it is agreed:

1. The individual parties hereto, constituting all the stockholders of the CORPORATION, shall cause to be executed and filed with the Secretary of State of the State of New York, a Certificate amending the CORPORATION'S Certificate of Incorporation, wherein the provision limiting meetings of the Board of Directors to the State of New York shall be eliminated and there shall be added to the Certificate provisions under Section 9 of the Stock Corporation Law, which shall provide for attendance of all the stockholders and of all directors at stockholders and directors meetings and for unanimous approval of all action by stockholders and directors.

2. The by-laws and the minutes of the CORPORATION shall be made to conform with the said provisions of the Certificate of Incorporation.

3. For sufficient consideration previously passing to the CORPORATION or being concurrently delivered to it, stock certificates of the CORPORATION shall be issued to the following persons in the following number of shares:

SIGMUND J. MOSKOWITZ 67 1/2 shares
LOUIS B. SCHEINMAN 67 1/2 shares
BERNARD PIDTO 18 3/4 shares
EMIL J. BARISH 18 3/4 shares
Total - 375 shares

4. The stockholders agree to elect the following persons as their directors:

RAMANI	MOSKOWITZ
SCHERMAN	PIDTO

5. The stockholders named as directors agree to elect as their officers the following persons:

President	- B. V. RAMANI
Vice-President	- LOUIS B. SCHEINMAN
Secretary	- SIGMUND J. MOSKOWITZ
Treasurer	- BERNARD PIDTO

6. The persons presently authorized to sign checks for the CORPORATION shall continue the same function.

7. PIDTO and BARISH are subject to a call for payment of One Thousand (\$1,000.00) Dollars each into the CORPORATION'S treasury. Said call may be made upon them by RAMANI, MOSKOWITZ and SCHEINMAN. In the event of such payment by PIDTO and BARISH pursuant to such call, the stockholders other than PIDTO and BARISH shall, in proportion to their stock holdings, contribute a sufficient number of shares, or parts thereof, so that PIDTO and BARISH will each own 22 1/2 shares of the stock of the CORPORATION instead of the presently held 18 3/4 shares thereof. The transfer by the other stockholders shall be made out of their own stock holdings so that the issued stock of the CORPORATION shall be unaffected.

8. No stockholder may assign or hypothecate his

stock. No stockholder may sell his stock without first offering it to the other stockholders in proportion to their stock holdings. Such offer shall be made by registered mail to the addresses hereinabove. Such offer shall be made at book value. In determining the book value, goodwill shall be figured at One (\$1.00) Dollar. In determining book value, chemical processes owned by the CORPORATION shall be valued at the cost thereof to the CORPORATION or at the equivalent of the shares of stock issued by the CORPORATION for the acquisition of the processes. No shares of stock shall be sold to a non-stockholder unless the stockholders refuse to purchase such stock. Acceptance of the offer of sale shall be made by registered mail to the offeror within thirty (30) days of the receipt of the offer. Payment at book value shall be made by cash within thirty (30) days of the mailing of the acceptance.

9. MOSKOWITZ and SCHRIMAN are to be employed by the CORPORATION to operate the corporate plant and keep its records. They are to give their full time to the work and are to receive annual salaries at the rate of Six Thousand (\$6,000.00) Dollars per year each. They are not to begin to draw their salaries at the full rate until the plant has made its first commercial shipment. Prior to such time, they are to draw against such salaries, the sum of Fifty (\$50.00) Dollars per week each and are to be allowed the further sum of Ten (\$10.00) Dollars per week each for traveling expenses. Since MOSKOWITZ and SCHRIMAN have stated to the other stockholders that the plant should be in operation within ten (10) weeks, in the event that the first commercial shipment is not made within ten (10) weeks from the date hereof, there shall be a suspension of payments as

well as the liability for any salary to them for the period between ten (10) weeks from the date hereof and the date of the first commercial shipment.

10. All purchase orders on behalf of the CORPORATION, by whomsoever made, in the event they call for an expenditure on the part of the CORPORATION of Two Hundred (\$200.00) Dollars or more, shall be countersigned by either PIDTO or BANISH.

11. Concurrently herewith, a sales agency agreement shall be executed between the CORPORATION and Processed Chemicals And Coatings Corp., Inc.

12. The certificates issued to the stockholders shall bear upon their face a statement that they are subject to the within stockholders agreement. A copy of this agreement shall be set out in the minutes of the CORPORATION.

13. Since provision is being made for unanimity in the control of the CORPORATION, it shall be the duty of all the stockholders to seek to reconcile their points of view with each other to the end that the business of the CORPORATION may be conducted harmoniously and profitably, without divisions among the stockholders.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals the day and year first above mentioned.

ULSTER CHEMICALS, INC.

by R. V. Raman
President

R. V. Raman
R.V. RAMANI

Bernard Pidto
BERNARD PIDTO

Emil Z. Barish
EMIL Z. BARISH

Leonard J. Moskowitz
LEONARD J. MOSKOWITZ

Louis B. Scheinman
LOUIS B. SCHEINMAN

AGREEMENT made this 23rd day of January, 1950, between ULSTER CHEMICALS, INC., a New York Corporation, hereinafter referred to as ULSTER, and PROCESSED CHEMICALS AND COATINGS CORP., INC., with its office at 33 North 1st Street, Brooklyn, New York, hereinafter referred to as AGENT.

WHEREAS, ULSTER manufactures a certain chemical product known as thioglycolic acid and is desirous of obtaining the services of the AGENT for the purposes of selling and marketing the same and is further desirous of obtaining on credit, for a certain initial period, the raw materials needed for the manufacture thereof, and,

WHEREAS, the AGENT is desirous of selling the said product manufactured by ULSTER under a sales commission arrangement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, it is agreed:

1. For a period of four (4) months from the date that AGENT obtains the first order for ULSTER, the AGENT shall obtain and sell to ULSTER at cost on a sixty-day credit basis, such raw materials as may be necessary for the manufacture of said chemical product.

2. ULSTER agrees to pay for said raw materials on the terms above stated, or sooner.

3. AGENT shall have the exclusive rights in and to the sale of ULSTER'S said product. ULSTER shall not, itself, or through others, interfere in any way with this exclusive sales agency. The AGENT'S exclusive sales rights shall, however, be conditioned upon the AGENT'S selling not less than Four Thousand (4,000) Pounds per month of the said acid for the period commencing with six (6) months from the

date of the first shipment thereof until one year from the date of the first shipment thereof, (said Four Thousand (4,000) Pounds per month minimum shall be on an average basis for the said six-month period) and shall be further conditioned upon the AGENT'S selling not less than Five Thousand (5,000) Pounds per month of the said acid after one year from the date of the first shipment thereof, (said Five Thousand (5,000) Pounds per month minimum shall be on an average basis, taking into account the twelve (12) months preceding the month of computation). So long as the said minimum quantities are sold by the AGENT, the AGENT shall continue to have the said exclusive sales rights and such exclusive sales rights may not be terminated except for such failure to effect minimum sales. Said exclusive sales rights shall extend throughout the United States, its possessions, and Canada and every State and Province thereof. ULSTER shall make no sales, but shall, instead, refer all inquiries from prospective purchasers to the AGENT.

4. ULSTER covenants that it will set a price for said product that will meet competition and that it will consult with AGENT in fixing a price policy.

5. ULSTER guarantees the quality of the product to the extent that it agrees to accept returns from customers if the product does not meet the specifications under which it is sold. ULSTER agrees to hold the AGENT harmless from any loss, damage or liability which the AGENT may incur or suffer by reason of any defect in the quality or the nature of the product and the manner of placing it in containers. ULSTER agrees to pay to AGENT such additional premiums as the AGENT shall be required to pay for product liability insurance to cover the product made by ULSTER and sold by the AGENT. ULSTER shall have the right to demand that in

obtaining such insurance, the AGENT shall have ULSTER as well as the AGENT covered as insured under such insurance.

6. ULSTER shall bill the AGENT for all acid shipped by it at the prices referred to in Paragraph 4. Hereof. The AGENT shall, for ULSTER'S convenience, bill the customers in the AGENT'S own name and send copies of such bills to ULSTER. The AGENT shall further keep records of payments, customers' accounts and perform all bookkeeping functions incidental thereto, for ULSTER. The AGENT shall deposit the payments received from customers in a special account. The funds in such account shall constitute a trust fund which the AGENT may use only in the following manner:

Upon clearance of customers' payments, the AGENT is to issue forthwith its check to ULSTER for the proceeds less the AGENT'S commissions and any other sums that may be due and payable from ULSTER to AGENT at the time of making said remittance.

ULSTER shall have access to such of AGENT'S records as pertain to AGENT'S business with ULSTER, at all times. AGENT shall have access to ULSTER'S records at all times. Access to records shall mean the right of inspection and copying by representatives of either party, their accountants or attorneys.

7. ULSTER shall reimburse the AGENT for all necessary and reasonable expenses incurred by the AGENT in performing the said bookkeeping functions.

8. ULSTER may, at its option, discontinue the performance by the AGENT of the said bookkeeping functions. Such discontinuance shall not, however, be required so long as the AGENT is providing materials on credit to ULSTER. In the event of such discontinuance, ULSTER shall send to

the AGENT copies of all bills to customers and shall pay commissions to the AGENT on the 10th of the month on all goods shipped during the prior month.

9. ULSTER shall pay commissions to the AGENT on the gross amount of sales, as per the following schedules:

(a) On the first Five Thousand (5,000) Pounds per month, at the rate of Ten (10%) Per Cent of gross sales amount.

(b) On the second Five Thousand (5,000) Pounds per month, at the rate of Eight (8%) Per Cent of gross sales amount.

(c) On the third Five Thousand (5,000) Pounds per month, at the rate of Seven (7%) Per Cent of gross sales amount.

(d) On the fourth Five Thousand (5,000) Pounds per month, at the rate of Six (6%) Per Cent of gross sales amount.

(e) On the sales in excess of Twenty Thousand (20,000) Pounds per month, at the rate of Five (5%) Per Cent of gross sales amount.

10. For a period of Nine (9) months from the date of the first shipment by ULSTER, ULSTER shall pay to AGENT all out-of-pocket sales expenses previously incurred by it, provided, however, that said amount shall not exceed Two (2%) Per Cent of the aggregate sales for that period.

11. ULSTER covenants and agrees that in the event its plant and process, or either of them, used in the manufacture of said thioglycolic acid are sold and ULSTER thereby ceases the production of the said product, ULSTER will pay to the AGENT, Ten (10%) Per Cent of such sale price, unless the AGENT contracts with the purchaser to sell the

purchaser's product.

12. The AGENT covenants and agrees to use diligent efforts in the promotion and the sale of said product for ULSTER. The AGENT shall, however, have the right to engage in other business.

13. This contract may not be assigned by either party without the consent of the other in writing first obtained.

14. This contract constitutes the entire agreement between the parties and any modification thereof must be made in writing and signed.

15. This contract shall enure to the benefit of and be binding upon the parties hereto, their successors and assigns.

IN WITNESS WHEREOF, the parties hereto have caused their duly authorized officers to execute this agreement on the day and year first above written.

Attest

Sigmund Moskowitz
Secy

ULSTER CHEMICALS, INC.

by R. V. Rannoni
PRESIDENT

PROCESSED CHEMICALS AND
COATINGS CORP., INC.

by Morris Kasher
Secy

Attest

Morris Kasher
Secy

A. BROTHMAN AND ASSOCIATES

Chemical and Mechanical Engineers

2928 - 41 Avenue, Long Island City 1, New York
Honsides 6-5151

LABORATORY: 85-03 - 57 AVENUE, ELMHURST, L. I.

January 22, 1947

A. Brothman - Biographical Notes

Born August 15, 1913

Education: Attended John Winthrop Experimental School and Dewitt Clinton High School. Entered Columbia College in February 1928. B.A. degree in June, 1931, summa cum laude. Professional Degree in Chemical Engineering from Columbia University School of Engineering, June 1933.

School Awards:

Harkness Scholarship Award, Columbia College,	1928
Phi Beta Kappa,	1931
Tau Beta Pi	1933
Van Amringe Award for Proficiency in Mathematics,	1929
Whitehead Award for General Excellence	1931
Elsberg Award for Proficiency in Physics	1931
Willard Gibbs Award for General Excellence in Physical Sciences	1931
Alumni Award	1931
DuPont Award for General Excellence in Unit Operations	1933
Pegram Award for Highest Ranking Scholar in School of Engineering	1933
Michael Pupine Award for Highest Ranking Scholar in Department of Chemical Engineering	1933
Fisk Teaching Fellowship, Department of Mathematics, Columbia University	1933
Rhodes Fellowship Award in Mathematical Physics (Oxford University)	1933
Mathematics Colloquium Award	1933

Experience:

- 1) 1933-1938. Blaw-Knox Division of the Blaw-Knox Co., Inc.
Chief Engineer. Designed and constructed the following plants:

Glyceryl Phthallate (Oil-Modified Type) Resin Plant for
Ault and Wiborg of Cincinnati, Ohio; 1937.

Dubbs Cracking Plant for Standard Oil of Indiana, Whiting
Indiana; 1937.

Vegetable Oil Refining and Hydrogenation Plant for Proctor and Gamble Co. of New Jersey, in 1935.

- 2) 1938-1942. Hendricks Mfg. Co., Carbondale, Pa.
Chief Engineer. Designed and constructed the following:

Hot Alkylation Process for the Production of isoactane reinforced gasoline (aviation fuel) Plant for the Texas Company at Port Arthur, Texas in 1938.

Urea Formaldehyde Molding Powder Plant for the Bakelite Corp. at Bound Brook, New Jersey in 1940.

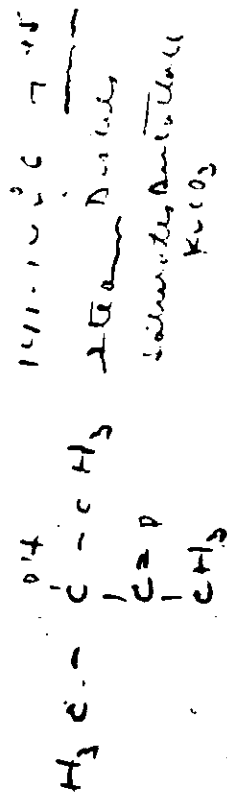
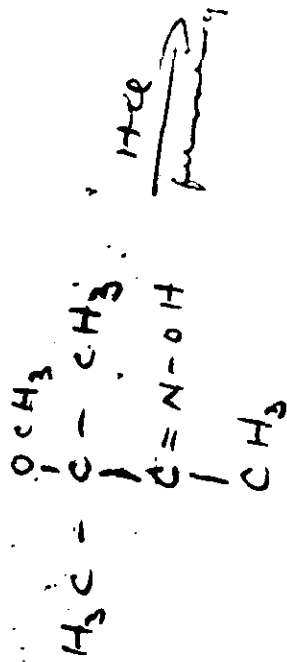
Conversion of Napthalene to Phthallic Anhydride; Esterification of phthallic anhydride with butinol to dibutyl phthalate for the Barrett Company, Philadelphia, Pa. in 1941.

Buna-S Synthetic Rubber plant for the U.S. Rubber Co. at Naugatuck, Conn. in 1940-41.

Buna-S Synthetic Rubber plant for the Defense Plants Corporation, 1941-42.

Vegetable Oil Refining and Hydrogenation Plant for the Durkee Famous Foods, Division of Glidden Co., in 1941.

Continuous Vegetable Bleaching Refining and Saponification of cotton-seed oil Plant for the Colgate Palmolive Peet Co. of New Jersey, in 1942.



Peasant - 2-

(Townsmen) - Merchants

CITIZEN - MERCHANT

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 III Guild

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Maria Mich 1613

Alex
Xenia Alex
Sophia Peter I

Russ Catherine
Alexis Blav II

ANNA
JOAN 1/4 Elizabeth
Catherine Peter III 1/4
Kerest 1/4
Paul

Alexander I

<Constantine> 1801
Alex

Nicholas I

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Alexander II
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Alexander III
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Nicholas II

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A. B.

ANITA BROTHMAN
ELSA BROTHMAN

IR 6-7769
186-7769

AMERICAN POLYMER CORP.
PENBODY, MASS.

PENBODY
2222

BRISH, EMIL
2144-78 St. J.H.

WH 3-0096
NS 8.

BROWN, CHAS. O.
331 MADISON AV.

VA 6-
3355

C - D

CITY CHEMICAL CORP.

LN 9-2722

CHEM. V. MFR.
330 W. 42 St.

Co. 4.
3000

CHEM. CLUB

LE 2-7649

DEUTSCH, ZOLA B.
70 E. 45 St.

MO 6-7155
RVE 1603

EMER. S. BROWN

CHURCHMAN ST. BOSTON MA.

MA 4-7200

GORTLER, LEO
52 WALL ST

D. 4-0600

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INDUSTRIAL PROCESS ENGINEERS
8 LISTER AV. NEWARK

UN 3-
0096

JEFFERSON CHEMICALS
(DR. Bowman)

PL 9-3900

K - L

KOOPMAN, B.O.
430 W. 118 ST. NY 27

RI 9-9173
W 4-3200
X 121

KULLMAN, WALTER

D. 4-4029

KIRKMAN, T.J.
52 WALL ST.

D. 4-0600

KANN, ELLIOTT
1901 CBI ST. SF. 9

KORCHIEN, JULES
114 E. 32 ST.

LONG ISLAND BLUEPRINT CO
29-32 NORTHERN BLVD.
CA

ST 4.
7242

M - N - O

MOSKOWITZ, MIRIAM
151. 8

WA 9-373

MORISON CO.
E. ROTHERGARD, N.J.

RU 2-6970

MANDELKORN, S.
67 JANE ST.

R 4-9760
CN 2-6851, 82 5.1357

METAPLAST Co.

CN 2-5710

NADOL, P. NY NASSAU ST
79 SCHONCK AV., BKLYN

BA 7-5462
AD 7-4935

OTOLENCHI, MARIO DR.
21 WEST ST.

DI 4-1920

P - 2

PIEL, GARAND W. LA 4-0330 AL 4-0477
135 W. 12 ST.

PROCESSED CHEMICALS
230 RENT, BKLYN
ER 7-1790

PIOTO, B. PR 4-2518
183 TRAY AV., BKLYN

PLASTICARONS LAMBERT 3-
5723

POST OFFICE - 33 ST PE 6-7700
LA GUARDIA FIELD NE 9-2686

RAM SPEEDWELL
9/52

QUICK, EDW. No 9-8249

RAM AMERICAN AIRLINES ST 6-0660

R - 5

ROSS, ALICE
29 W 29 St.

01 7-7661
20-9-7037

R. RAMANI,
GRANDD. VILLA
TN. ST. KUMBakonam, INDIA

IR 6-5797

SCIENTIFIC GLASS CO.
Bloomfield, N.J.

PC 2-615

T-U

THURSONG ROBI
75 BAYVIEW AVE. R. WASH.

GLEN COVE
7665-0

THURS. AMERICAN DEVELOPMENT Co
60 E. 47 St.

TANG, Y.C.

8 YONGE - FORE-LU

KUAN - FU - LU

HANSONOW CHINKINS.

CHINA

X-1-2

JANNA P. HERBST
RFD.
STANFORDVILLE, N.Y.

V - W

NORRINGTON RUMP

LG 2-8427

WENDS, JOHN

CI 7-5000

WOLLAN, G.N.

DANLONEGA, GA.

WOLLAN, ROLF

Glenwood, MINN.

WESTCHESTER

1st MAN SQ. OSMING, N.Y.

LIGHTING CO. OSMING

2400

NAME AND ADDRESS

TELEPHONE

NAME AND ADDRESS

TELEPHONE

CITY CHEMICAL WA 9-2723

CHEM + MET ~~MA 6-100~~

330 W. 42 St. SO 4-3000

Collector of Internal Rurins

210 Kensington St. New York

Chemists Club Le 7-7000

NAME AND ADDRESS	TELEPHONE

NAME AND ADDRESS	TELEPHONE
DEUTSCH, ZOLA B.	MU 6-7155
70 E 45 ST.	RYE 1603
E.I. DUPONT de NEMOURS	WILMINGTON
WILMINGTON, DELAWARE	4-5121
DEUTSCH, ZOLA B.	MU 6-7155
70 E 45 St.	RYE 1603
GASTON DUBOIS	
1725 Railway Exchange Bldg. St. Louis, Mo.	

REPRODUCED FROM THE ORIGINAL

NAME AND ADDRESS

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EIMER & AMEND	EA 6-4600
633 GREENWICH ST.	WA 4-7200
EUSTER (FURNITURE)	LE 2-9796
EMPLOYMENT SERVICE	Wt 3-9440
EASTMAN KODAK CO.	
133-35 ROOSEVELT AV. FLUSHING	

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NAME AND ADDRESS	TELEPHONE	NAME AND ADDRESS	TELEPHONE
		GRAVER TANK & MFG. Co.	E. CHICAGO 204
		E. CHICAGO INDIANA	SPRINGW 7004
		GRAND CENTRAL STATION	NY 6-9100
		GENSUP	GR 7-7211
		41 E. 14 ST.	
		GRAVER	EL 5-1123
		424 MADISON AV. NYC	PL 3-7372
		GEARSON, ROBERT 201 W 77	MA 3-6257
		64-34 99 ST. FOREST HILLS	TA 4-2168
		LEO GOTT-IEB	HA 7-1111
		52 WALL ST. NYC	
		HARR. GOOL	Kingman
		6825 WOOD ST. TAUL.	377-
		H. GOTEINER W. Church St.	
		Parsons St.	
		XXXXXXXXXXXXXXXXXXXX	
		EMIL GARDOS	
		VEGYPAR, TAMILMANYI, URODA	
		BUDAPEST, TERRIKORST 39	

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HALPERN, I. K.	AU 2-4586
622 W. 137 ST. (W) <small>EUROPEAN</small>	NY 9-2663
T. C. HSU #2B	
395 RIVERSIDE DR	
INTER-MARITIME FORWARDING CO. <small>EUROPEAN</small>	WH 4
39 PEARL ST. NYC <small>NEW</small>	5720
INDUSTRIAL PROCESS ENGINEERS	
8 LISTER AV. NEWARK	WH 3- 2076

ALPHABETICALLY BY LAST NAME

NAME AND ADDRESS	PHONE	NAME AND ADDRESS	PHONE
		JARVIS SARGE	ALB 2-3924
		18 E. 40 St.	-7560
		KOURKINOFF, ANDREW	ES 2-0312
		2939 BATH AV., BKN	
		KLEIN, M. B. KNIGHT CO.	CH 4-6145
		55 W. 42 St.	
		KOISER ENGINEERS	CI 6-4925
		Rm. 30, 620.5 AV, NYC	
		Y. JAFFER	PL 5-7101
		Helltown N.J.	Helltown 8
		ERNEST LEE	
		1390 M. ROAD FINANCE	
		B. O. ROEMAN	UN 4-0430
		430 W. 118 ST.	X 1-1
		WALTER KULLMAN	WH 2-1920
		26 PLATT ST	DI 4-4028
		ALICE S. ROME	6-1200
		1011 FINANCE BLDG.	
		KIRWAN	DI 4-4000
		55 W	
		JAMES JAFFE	AP. 7-
		440 LIBERTY BKN	6377

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ELINOR KAHN!

1901 CAL. ST.
SAN FRANCISCO 9 CAL

KORCHIEN OR 9-3794

TEPPERON CHEMICALS PL 9-3900

(DR. ROWMAN) MR. SKOVEL

LONG ISLAND BLUE PRINT ST 4-726

29-32 NORMAN AVE N.Y.C.

LEPOW NY 7-7100

RUDY LOWE Yokohama Japan

Providence R.I. 4302

ERNEST LEE CI 6-8990

1390 MILFORD TARRANT
W. Englewood NJ
Ranunculus 437

HARRY LEVINE CI 7-0366

Ranunculus, Mass.

Li Lipshitz NY 5-55-1

Herrn Direktor E. Schenker

Langs Elektrizitäts Werke

Hörschensstrasse 72

Basel Switzerland

Paul Lektors

110-01 E 18 St. Flushing

NAME AND ADDRESS	PHONE
MOSKOWITZ MIRIAM 151-9 AV. NYC	WA 9-3793
MILLER JACK 3464 KNOX PL. BRONX	MU 2-1720 OL 5-3190
MATHESON Co. (Amusement Co.) E. RUTHERFORD, N.J.	RU 2-6970
MANDELKERN S. ^{Dr 4-1765} 67 JANE ST. NYC	CH 2-6887 ES 1-1345
MERCURY MESSENGER	LE 2-5443
METAPLAST CO. DR. MARLIES	CH 5-5710
MISHKIN 53 E. 75 ST.	RH 4-1730
COLONEL GUSTAVE MOUTET ^{RUE DE LA PAIX} MINISTÈRE DES COLONIES, PARIS	
Close To M. Goldberg Co. 1740 Broadway	
Thiele	52-1-1205
Phyllis - office	6-1-1205

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NAME AND ADDRESS (N. INDIAN)	TELEPHONE	NAME AND ADDRESS	TELEPHONE
The Travancore & Mercantile Chemicals		MADEL P. 489-CAN. HILL	MA 7-2640
Ayyampalayam House		489-CAN. HILL (NOTE)	MA 7-2640
1, ALEXANDRA RD. CONTINMENT		OTTO LENGHI MARIO JR.	MA 4-1929
TRICHIOLOPOLY, (MADRAS PRESIDENCY) SOUTH INDIA		Martecat. N. Sec. Gov. 2. WAT ST.	MA 4-1929
Cable address:		I. G. Neelakumar	MA 2-4676
Electro ELECTOLITE, MADRAS		210 Madison Ave NYC	MA 2-6910
CABLE ADDRESSES:-		I. G. Neelakumar	AP 7-1000
G CHEMICALS, TRAVANCOR		75 Hamilton Av, N.Y.C.	CI 7-3711
G H. N. H. N. H. N.			
S. KAMASWAMI		MADEL P. 154 NASSAU ST.	SA. 7-5462
TRAVANCORE CHEMICAL & INDUSTRIAL CORP. LTD. NO. 25M RD. (SALAM DAG.) MADRAS PRESIDENCY SOUTH INDIA		79 SCHUCH AV. BROLYN	AP 7-1935
		AARON NEVELSTEIN	HIGHTSTOWN NJ 1126 S 11
		NI STEIN D. S. L. W. S.	
		Cott (S. W. N. Y.)	
		National Sulphate Corp.	
		Mr. Vellano	

RECEIVED

NAME AND ADDRESS	TERRITORY

NAME AND ADDRESS	TERRITORY
PIEL GERARD	AL 4-0497
PROCESSED CHEMICALS	Longwood
230 KENT AV. BRLIN	1792-1
PENNIE EDWARDS MONTANA BARRANO	En 2-2489
247 PARK AV.	PC 3-5360
ROSS POWELL ASSOCIATES	
405 PARK SQ. BLDG. BOSTON	
GERARD PIEL LO 4-0497	AL 4-0477
188 W. 2 St. / 400 Deane St. / W 8. 5th.	PC 1-5137
H.K. PORTER, FITTS AVENUE, PA.	Wlanche 335
(W. W. W. W. , DIR. OF SALES)	Ro 1 2013
16 CHURCH ST. NEW	
Processed Chemicals	EV 2013
230 Kent Av Brlin	En 7-1790
Bernie Piel	En 4-2587
780 Day St. BRLIN	
Plasticbron	Lambert 3.
	5883
POST OFFICE	PC 6-7700
LAGUARDIA P.O.	Ne 9-2686
Ed. Guich	Ne 9-8249
Pom	Spredwell
	9152

NAME AND ADDRESS	PHONE	NAME AND ADDRESS	PHONE
Pure American	St 6-0600	ROSENBERG, PAUL	MU 5-5940
PHARMA CHEMICAL CO.	BAYONNE	ROTHBERG VINCE, DR.	LI 6-7816
BAYONNE, NJ	7-1900	MONROE CHEMICAL	MI 2-6310
DR. WAPKUSH - J. MILLER	AL4-0826	120 LISTER AV.	MU 9-7700
Delaware 3-4759 (Home)		TEXAS CO.	RYE 1000
		405 LEX. AV. (N. E. 32 ST.)	CI 7-7661
			SC 4-7037
		ALICE ROSS OFFICE	45-2-5347
		79 W 89 & HOME	MU 7-151
		RCA HU 7-1911	
		TRS-3953	
		John & Hoo	
		5700 Wash. St. Dr. Williams	
		5700 Columbia St. Dr. Williams	
		RIEGER (Car Insurance)	BO. 7-4135
		ROSENSTEIN LUDWIG	
		1428 11th Street St.	
		1428 Russ Blvd, SAN FRANCISCO	
		Saul Rosenthal	
		Bolyn Polymers	
		Wm. Rehall	SE3-1715
		R. V. RAMANI "ANANDA VILA"	
		S. VAIDYANATHA AYYAR	
		EXTENSION MADRAS	
		MADRAS DIST. MADRAS PRES.	
		M. M. M. M.	
		PHONE 73	

NAME AND ADDRESS	TELEPHONE
IRVING L. RADD	W 2-2660
RAM	IR 6-5597
4215-43rd L.L.C.	

NAME AND ADDRESS	TELEPHONE
SCIENTIFIC GROSS Co. N.Y.C.	RE 2-6115
BLOOMFIELD N.J.	2-7200, 2450
SLAVIN	MO 2-5909
SILBERSTEIN, SOLEM	MA 6-1713
SAUMENICHT	BA 7-5657
KARL SCHMEIDLER	
RIVERSIDE PLAZA N.Y.C.	
61 BELIZE GARDENS	
LONDON, N.W.3	
MARTIN E. SEGAL & Co.	EL 5-5232
17 E. 49 St.	
Self inspection - office	Union 2-5646
Ray Sherr	do - 1-104
110 MacDougal St	
L. B. Scheinman	
COLOMBIN & LOUNSBERRY	ELLENVILLE N.Y.
SPESER & SPESER, ESQS	
GRAND TRUST BLDG., PHILA.	

NAME AND ADDRESS	TELEPHONE

NAME AND ADDRESS	TELEPHONE
TED LEE	EV 9-8227
	CH 4-1253
TANG (HWA) APT. 60	UN 6-9019
411 N. JEROME ST. NYC	
Robert answered	Glen Cove
2400 ...	4-5665-N
Law. American ...	Va 6-0500
OSCAR J. VAGO	16 MA 8-6594
6607-77 ST FOREST HILLS	
VIV DOBEN HOWARD	MU 2-3190
511 ADERMAN ST. IND. DES. CMA	
(NORMAN RAINES, ESQ. 01)	
240 E. 42 ST.	
Harold	MT -- 9. 23.
Y. C. TANG	
8 Yung-Fong-Tse	
Kwan-Fu-Tse	
Hankow, HANKIANG	
Chien	

NAME AND ADDRESS	TELEPHONE
US INDUSTRIAL CHEMICALS 60 E 42 Dr. BASS	MU 2 6700

NAME AND ADDRESS	TELEPHONE
WORTHINGTON PUMP (MAGL) 2 PARK AV.	LE 2-9427
C. S. WAN-UNIVERSAL 630-5 AV. NYC LAB	CI 5-7646 RI 9-4189
C. S. WAN (HOME) 524 W. 114 St. #4B	MO 2-3368
WEST VACO CHLORINE PROD. DR. BOWMAN	MU 7-4920
WENDEL JOHN	CI 7 5000
WESTERN UNION	WO 2-7111
ALEX WEBER 329 E. 49 ST. Worthington Pump 2 Park Av.	BA 7-6348 LE 2-2-17
C. J. Wan 524 W 114 St. #4B	CI 5-2-22
Western Union	2-1
YORK INDUSTRIES	YORK 5557
G. N. WOLLAN DAHLBERG APT. 17 Y AREA, JAMESON HILL	GEOR 518

W
X
Y

NAME AND ADDRESS	TELEPHONE
Nelson Weiss	Or 2-4313
453 E. 14 St.	
C. Frederick Wolfe	Or 6-2860
75-02 88 N. Grand St.	
Rolf Wallace	
Glenwood Minnesota	
HERBERT VAHRAES	
P.O. STANFORDVILLE N.Y.	
Waterside Lighting Co.	Or 2-4200
125 Main St. Ossining, N.Y.	

NAME AND ADDRESS	TELEPHONE
DEO	ORANGE 3-1704
Deborah Berkowitz	Boys-0817
Condon & Kutoul	HA 5-3031
CLEMENT	DECATUR 7300 BKT 418
CURRAN	BE 3-0181
Roberts Equity Assoc of Am 701 - 7th Ave Richmond Va	

NAME AND ADDRESS	TELEPHONE
Alan Crosby	
Abraham Kaplan	
Carl Samino	Bo 9-856
Cheloa Management	Via 7-7590
Mr Carpenter	Ch 4-0795
Mrs MET CORR	HOME HA 5-6673 - OFFICE CA 7-1970
C.H.C.	LO 3-5990 HA 5-2490
CIRCLE FLUGR	Ch 5-6895
Sam Cohen	JO 4-7386
GEORGE CHAKIN	Bo 9-8107
HILDA COLMAN	OFF CA 7-1115 HOME WA 5-2876
BARNEY CANAL	WA 5-3107 UN 9-5534

NAME AND ADDRESS

TELEPHONE

Hilda Beryl - Santa Monica

914 Cornua Drive 5-1569

Pacific Palisades

Los Angeles Cal

Polly - 2 City Toff

Portunes - San Juan Puerto Rico

HILDA BERYL

914 Cornua Drive

Pacific Palisades - Los Angeles

San Juan

NAME AND ADDRESS	TELEPHONE
Fletcher (Fox)	AL-8553
FERNO	MU5-9739
FURTH	LA 4-2740
FISH HAROLD S. MARLBOROUGH APTS. 2-6 ESTAB'S WILSON ST. BALTIMORE MD.	

NAME AND ADDRESS	TELEPHONE
FLAUBELSTEIN IRON WKS	BL 4-3342
M. Flinn	Van 6-2402
FERRI	MU 2-7476
925 42 nd St. Rm. 904	
FAUJ	GR 7-4163
Falkman Press	
662 nd	
FOX	BL 4-3312
Joseph FRIED ²¹⁸² BWAY	
175 W-76 th	
MAX Friebringer	Bl 5-4600
475 Throp Ave Bklyn	
Furman St Canal	
Potter	ME 3-5161
Byrd	Ch 2-0911
GOLD	GR 7-3311
FANCHER	SB 3-5791
Milton Fischer	EL 4160
	ET 674

NAME AND ADDRESS	TELEPHONE
B. [unclear] [unclear]	CL 5-7490
Miss Brink	CH 2-3828
IRVING J. BERGER	PL 7-3242
BLUMENRANZ	RIV 9-0846
Balaban-Gordon (Norman MacLeod)	652-6549 MU 5-9696
BOB BATES	NH 3-9075
9 BROAD ST.	
BRODSKY	LA 4-5165
BRACH	AL 9-7954
E-62 (118th St)	RE 65-3854
AT 9-1722	
6-4400	
6-305	
JER 7-9156	
IRENSEN	1729 F.H.W.
ABORAD	PL 3-6252
15-1st AVE (44th)	

NAME AND ADDRESS	TELEPHONE
BKLYN EDISON	
Ma UNDER HILL	TE 5-7500
Birchall Bros	BR 9-1000
B	
BACHMAN (Moline Farm)	TE 6-715
Blind	WH 4-756
Brantner	AL 4-3977
Brants	GR 6-5200
AL 5-8861	
WILSON BRANO	WA 5-3577
Manor Bruch	MA 4-6465
A. Bernstein	BR 9-1000
J BLUMBERG	
Boorl Bass	
22640	
H. Bock	
Old, [unclear]	

NAME AND ADDRESS	TELEPHONE
MASS DOGGAN 315 658	665-5386

NAME AND ADDRESS	TELEPHONE
DADAL	CR5-5750
ELSON	BR 9-220
121st St	WR3-1272
Miss Davidson	WR9-7993
Wm. Nat. Com	MU3-4300
PHYLIS DEARBORN	MU5-5873
125 B 39	
Mrs. FRANCES DODGE	RD 4-0150
1065 JACOBS AVE. BOSTON MASS	
→ Tel 3-7080	
Line Location	MU2-5280
10 E 4	
Miss Dodge	WALL 5-2150
125 Chestnut St	
JAY DAVIS	MU 5-1743
Jean DAVIS	LA 4-8229
B Dodd	WIS 7-9386

NAME	ADDRESS	PHONE
BUTLER		
SPURTH		
EARNshaw		
Compassionate (Conductors)		
Engel		
Andrey Every		
Griggerson		
Paradise		
Mr. PROUD 92th St		
319 W 26th St		
L. H. ELKIND		
2880 CLARK AVE BRONX		
Eastern Steel Metal (Sales)		
East NY Warehouse		
557 Broadway St		

NAME AND ADDRESS

NAME AND ADDRESS

GELMAN

GAYNOR

L. GOLDBERG Co

801 WILMINGTON

GREENBAUM

~~3111 1/2~~

~~501 W 181~~

GORDMAN

GELSZ

HARRIS GITTEMAN

1010 LINCOLN PL

TELEPHONE	NAME AND ADDRESS	TELEPHONE
	Charlotte King 7 E. 1st St.	
	DICK HENRY 1123 BWAY	Wa 9-1700
	AL HARTWELL 43-38 47th St L.I.C. 4	BR 6-8791
	EDWIN HEYWOOD	MAN 2-6875
	Victor Heles	MU 3-3792
	Hampton Bay 219	
	MES HELLER	AL 2-7093
	Ray Hughes	HAN 2-1661
	PICK HENRY	WA 9-1700
	EDITH HALPERIN	C. 6-5412
	IVENS	CL 5-7866
	LEASD	C. 6-5412

NAME AND ADDRESS	TELEPHONE
Q KOGAN	7-5293
	AL 4 7733
IRV KATZ	Monmouth Co ATTY
845 Stirling Ln Box 59	
LEON JOSEPHSON	Wat 9-2295
SANDY KNOWLTON	
50-E 64th ST	
I-160067	MU 5-9739
HERB JENNINGS	601 5-2700

NAME AND ADDRESS	TELEPHONE
JACKSON School	
KAY ELEC	
21 E 22nd St	
SID KAPE HOME	
327 Loc	
Ben Klatzky	
480 Loc	
371 Burt St	Wat
Kalish	Aut
JG Furniture Co	St
Arthur Kaplan	Aut
Jarcho Lucciani	Aut
79-22 11 Ave Loc	
Karel	Alg
William Cash	Loc
KRELL	Mo 9-2480
	867-7443

NAME AND ADDRESS	TELEPHONE
[Illegible]	Mo 9-1751
MATT EVANS	W 4-2828
[Illegible]	TR 5-5695
Mullins 1475	FR 7-2624
Stacy Mos	Mo 2-7792

NAME AND ADDRESS	
Mittlemdn	
Ca 6-316	
MCCANDLESS	
AHER-IND CO	
Rosalie Manning	
Moss	
282 S. Broadway	
Joe Magid	En 7-4100
J. TLR IPM.	2-2166
Lester Madon	La 5-6881
Engine State # 911	
J. Mosewitz	Mo 4-5111
[Illegible]	Mo 5-1111
[Illegible]	Mo 4-1111
[Illegible]	La 2-6511
[Illegible]	La 5-1111
K. MASTERS V.T.H.	Mo 4-1111
HOMER	
Franklin W. Laff	
[Illegible]	

NAME AND ADDRESS

TELEPHONE

NAME AND ADDRESS

PROCTOR - J.

PRESNICK (Home)
Cub

Jules PROCTOR
250 PARK AV

Edith PEARSE

RAC

HARRY POLLACK
Sullivan Station - Sing Sing
W. POSNER

PASSAMANICK
HOME

PAPERT

JACOB P. POLTZ
1030 PRESIDENT ST

NAME AND ADDRESS	TELEPHONE
ROTH	AS 4-9576
(STANGER)	
Roth Schenck	Me 2-1778
67 W 44th St	
Dick Stein	Ex 2-0330
Templeman	Ch 9-8007
Joel Rothman	Me 7-6549

NAME AND ADDRESS	
ROSSKAM	Ch 3-3811
KAPLAN	2nd Fl
441 1st St	
Home	
Imma Rowland	
Hyatt RUCKLIS	66 Cortlandt Pl
Brownbaum	
Dr. Picher	
H. REED	57 Grand St
Faller Day	
Bush Tel Co	
Betty Rosman	
122 CHRYSLER BLDG	
RUCKLIS	

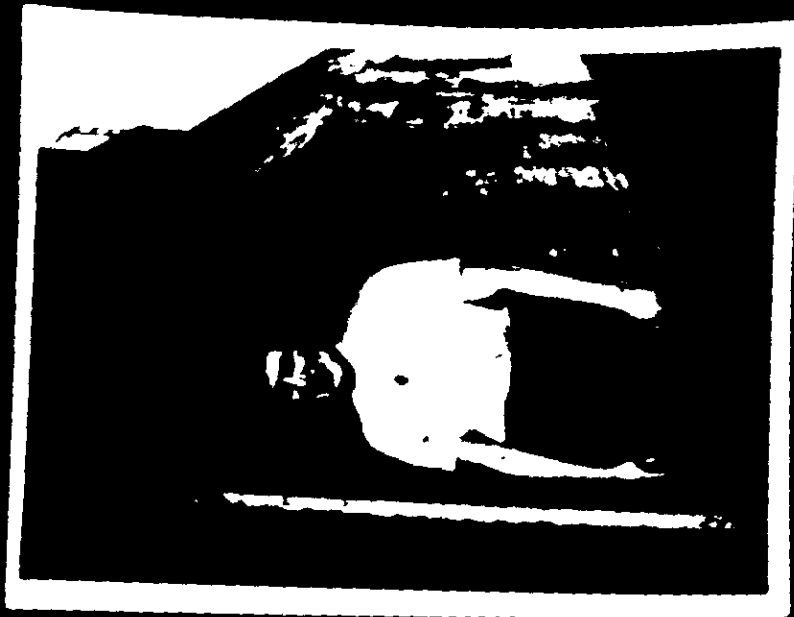
NAME AND ADDRESS	TELEPHONE
ALFRED STERN	Cal 5-703
Gene Short	Cal 8-216
Al STANKUS local 122	TR 5-2631
Speckman	Nut 4-7-410
Hank Schubert	Key 5-458
310 W 11 th	
Hilroy	Cal 6-0550
Schuckinger	Chel 3-0770
Schultz Elms	Par 2-3165
Seabury West	So 7-1600
Mrs Galt	Sl 6-8905
Leahy Elms	So 7-1600
Summitt Constr	GR 3-6608
Genack 595 Madison	2L 3-8983
Johnson	Pa 4-5364
Ray Stynes	Cal 5-2700
Stick	7-0330
Dr Swanson	422

NAME AND ADDRESS	TELEPHONE
STANGER MACK	SL 3-5710
PAUL SAHERER	Cal 2-3119
M. SCHMER	EV 7-5770
	7-5761
W. SOMMER	Ma 4-2105
303 C 44	
Dr STARR	Ma 6-3492
	Manhattan 6-0021
	LE 2-7950
	Ma 3-4098
	Lex 2-9949
	Ma 5-4939
Perry Berlin Chem Corp	Par 2-5050
	Ma 6-5-5792
	Ma 7-4644
L. SCHNEIDER	WASH. N.J.
H	7-65
	Co 7-
17	0957

NAME AND ADDRESS	TELEPHONE
ALFRED STERN	Co 5-70
Joe Short	PL 8-216
AL STANKUS local 1225 Spreckels	TR 5-2631 Nu 7-4107
Hank Schenk 310 W 11 th	Key 4-588
Hilroy	Co 6-0550
Schickelgen	Ch 3-0770
Schmitt Clara Seabury Court	PL 2-3465 Co 7-1600
Mrs Galt	PL 6-8905
Leahy Mrs	Co 7-1600
Summitt Constr	GR 3-6608
Sparks 595 Main	PL 3-2785
Wichmann	PL 9-5364
Ray Snyder	Co 5-2700
St...	PL 2-0...
Dr...	PL 5-1...

NAME AND ADDRESS	TELEPHONE
STANGER MACK	PL 2-...
PAUL JOHNER	Co 7-...
M. SCHMER	EV 7-5770 7-5166
Dr SOMMER	PL 4-2105 30? E 44
Dr Starr	Ma 6-3892 Manhattan 6-0021
	LE 2-7450
	Ma 3-4098 Co 2-4949
	Ma 5-4939
Perry Berlin Chem Corp	PL 2-5050 Ma Co 5-5792
	Ne 7-4644
L. SCHNEIDER	WASH. N.J. 7-65
	Co 7-...
17 Jan 51	0959

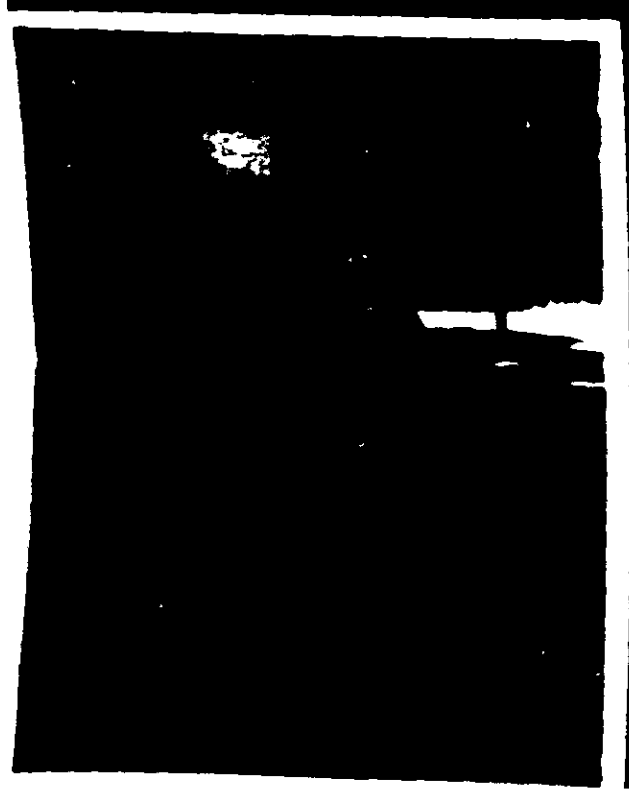




7







LEONARD CONSTRUCTION COMPANY

420 LEXINGTON AVE.
NEW YORK, N. Y.

37 SO. WABASH AVENUE
CHICAGO 3, ILL.

TELEPHONE STATE 8041

CABLE ADDRESS
LECONCO, CHICAGO
LEONCONST, NEW YORK

April 13, 1950
E1330

Ringmaster & Breyer
Graybar Building
120 Lexington Avenue
New York 17, N.Y.

Attn: Mr. E. H. Hillman

Gentlemen:

RE: YOUR JOB NO. 136

Complying with request in your letters of March 20th and April 3rd, 1950, we propose to furnish and pack for export to Travancore, South India, replacements and spare parts as listed below for the Leonard-Hausant 7 1/2 Ton Contact Sulfuric Acid Plant recently exported:

FOR WORTHINGTON FEED WATER PUMP

- (a) Six (6) Bronze Valve Springs
- (b) Three (3) C. I. Liquid Piston Bodies
- (c) Four (4) C. I. Liquid Piston Followers
- (d) Two (2) Bronze Liquid Piston Rods
with nuts and pins
- (e) Eight (8) Bronze Liquid Cylinder Liners

Weights: Gross 200 lbs., Net 170 lb.
Cubic Measurements: 3 Cu. Ft.

Delivery: 8 weeks.

Schedule B No. B-736990 "Parts for Duplex Steam Pumps".
Export License not required for India destination.

Singmaster & Breyer

- E1330 -

April 13, 1930

FOR HOPPER
FEED WATER

(a) Two (2) only 1-inch Regulating Valve

Weights: Gross 30 lbs., Net 20 lbs.
Cubic Measurement: 1 Cu. Ft.

Delivery: 2 weeks.

Schedule B No. B-774430 "Valves with bodies of Iron Steels".
In this particular case, Export License may or may not be
required depending on declared value - GLV value \$100.00 -
Leonard F.A.S. value \$88.00.

FOR LEWIS MOLTEN SULPHUR PUMPS
SERIAL NOS. 9095 and 9096.

(a) Six (6) Ball Bearings No. MD 5208
(b) Four (4) Casing Bearings
(c) One (1) Shaft
(d) Eight (8) Impellers 5-3/8" x 1/2".
Included with parts for Acid Pumps below.

FOR VERTICAL LEWIS ACID PUMPS
SERIAL NOS. 9022 to 9024, incl.

(a) Two (2) Volutes Process Iron - Part No. 20
(b) Two (2) Upper Boot - Part No. 11

Weights: Gross 952 lbs., Net 715 lbs.
Cubic Measurement: 20. Cu. Ft.
Includes parts for Molten Sulfur Pumps.

Delivery: 5 weeks.

Schedule B No. B-736990 - Parts for Pump containing over
50 percent (50%) nickel.

Export License required for India destination.

Blanchard & Broyer

- E1330 -

April 13, 1950

VALVES

Crane Co. No. 475-1/2 modified
All-Iron Flanged Gate Valves

- (a) 26 only 2-inch
- (b) 6 only 3-inch
- (c) 6 only 4-inch

(d) 12 only 1/4-inch Crane Co. All-Iron
No. 488 SCREWED Gate Valves

NOTE: Your inquiry calls for "all-iron gate valves, flanged, 1/4-inch". A flanged valve of this size is not made, so we are quoting on screwed valves.

Weights: Gross 3150 lbs., Net 2650 lbs.
Cubic Measurements: 36 Cu. Ft.

Delivery: 7 weeks.

Schedule B No. B-774490 "Valves with bodies of iron or steel".
Export License required for India destination.

Estimated gross and net weight and cubic measurements of the several shipments as well as time for delivery to seaboard after receipt of order together with other pertinent documentation data is given in preceding paragraphs.

PRICE AND TERMS:

Packed for export and delivered F.A.S. New York, N.Y., **THREE THOUSAND EIGHT HUNDRED SIXTY DOLLARS (\$3860.00)**, net 15 days after date of invoice with inland bill of lading attached.

This price will hold until May 15, 1950, after which it will be subject to review.

For documentation purposes this total is subdivided:

Parts for Worthington Pump -----	\$565.00
Parts for Feed Water Heater -----	88.00
Parts for Olsen Sulfur & Acid Pumps -----	975.00
Valves -----	<u>2232.00</u>

\$3860.00

In accordance with your request the total price together with shipping information was telegraphed to you on the 11th of this week. We trust

SP
Master & Breyer

- K1330 -

April 13, 1950

that this proposal gives you all the information you require and we hope we may be intrusted to serve you and our mutual client in Travancore.

Very truly yours,
LEONARD CONSTRUCTION COMPANY

OR
Oscar R. Erickson

ORR/flw

cc: Mr. R. V. Ramani ✓
cc: Mr. G. P. Smith

Passport Division
Department of State
Washington, D. C.

April 26, 1950

Gentlemen:

Enclosed you will find Passports Nos. 203104 and 203336 dated respectively May 5, 1948 and May 6, 1948, being passports of the writer and his secretary, Miss Miriam Moskowitz. Also enclosed you will find Passport Renewal Application for each and check for \$10.00 to cover the \$5.00 fees required.

I am the Chief Engineer of this organization which has a contract with Lonsa, Ltd. of Basel, Switzerland to provide the chemical processes and the engineering designs for three plastics plants Lonsa is to erect. The chemical processes and the design work has been completed by our organization. Lonsa is about to place a letter of credit in the United States with which to purchase, initially, some \$25,000 to \$30,000 worth of equipment which, when shipped to them, will be incorporated in the erection of their first plant. I am required, by the terms of the contract, to be present during the erection and initial supervision of operation of the plant.

It is believed that the equipment orders will be placed within the next two weeks and that shipment of the equipment will commence some two weeks after that. Hence it is estimated that on or before June 1, 1950 I will be required to leave the United States and to be in Switzerland when the equipment arrives.

During the time I expect to be abroad I expect to visit Dr. Edward Krebs, president of the Krebs et Cie firm in Paris to solicit business with his organization for the Robotisation of Krebs Cell plants. His organization has already been contacted regarding the possibility of our doing business together, and it would be extremely desirable for me to follow up the contact with a personal visit to their offices. On this subject of "Robotisation of Process Plants" which was written by me and a co-worker and printed in the McGraw Hill Publication known as "Chemical Engineering" in November and December of 1949.

During the time I will be in England I shall be visiting our London sales agent, Dr. J. Pom of 1-9 Hills Place, Oxford Street, London W.1. to discuss general business possibilities in England regarding the sale of our organization's chemical processes for the manufacture of various plastics.

State Department

W/27/50

- 2 -

Dr. Fox has been active in establishing sales connections for our organization, notably with Imperial Chemical Industries, Ltd. of London and it is extremely desirable at this stage of his negotiations that I be present to drive the negotiations to conclusion.

My secretary, Miss Miriam Moskowitz, who is also my administrative assistant, will be required in Switzerland to write up technical field reports as Lonza's plant goes up. She is able to do a large part of such work without any supervision from me and her presence at the plant erection site will cut down the amount of time I must spend there, to a very great extent. Since the domestic business of our organization depends almost 100% on my presence in New York, it is extremely desirable that I be very economical with the time I spend out of the country. Hence, Miss Moskowitz' presence at the plant site in Switzerland during the time I am there is very desirable.

It is respectfully requested, therefore, that our applications for passport renewal be granted.

Very truly yours,

A. BROTHMAN AND ASSOCIATES

A. Brothman
Chief Engineer

P.S. Also enclosed for your reference is a reprint of an article entitled New Process for Acrylic Resins by R. W. Porter, assistant editor of the McGraw Hill publication "Chemical Engineering" which discusses some of our work in the plastics field. It is the subject of this article which is now being used by Lonza Ltd. of Switzerland under contract arrangement with us, and it is these chemical processes and engineering designs which are being used by Lonza in the erection of their plants to manufacture these materials.

January 23, 1950.

Processed Chemicals And Coatings Corp., Inc.

Gentlemen:

Supplementing our agreement of this day, it is understood that whenever, in the sole opinion of A. BROTHMAN, part of the premises and facilities of ULSTER CHEMICALS, INC. are available for use by PROCESSED CHEMICALS AND COATINGS CORP., INC., such use shall be permitted by ULSTER CHEMICALS, INC., at a rate constituting a prorata division of all costs of operation. Such use shall continue only so long and to an extent as, in the opinion of A. BROTHMAN, the space and facilities of ULSTER CHEMICALS, INC. are available without damage to ULSTER CHEMICALS, INC.

Yours very truly,

ACCEPTED:
PROCESSED CHEMICALS AND
COATINGS CORP., INC.
by Morris Brothman

ULSTER CHEMICALS, INC.
by R. V. Raman
PRESIDENT

A. BROTHMAN AND ASSOCIATES

A/C Receivable as of 12/31/47:

Mettur Chemical and Industrial Co. (India)	\$10,000.
G. Paschal	800.
Montecatini Societa Generale (Italy)	500.
Edward Quick	7,000.
	<u>\$18,300.</u>

Salary Accruals as of 12/31/47:

S. Silberstein (1946), Salary	\$ 150.72
R. Wollan (1946 -) (This is under "Consulting Fee")	550.00
W. Rohall: (Salary)	
1946 \$1147.50	
1947 1356.37	
2/5 of weekly salary at end of 1946	2,503.87
Accounting fees	190.00
Retroactive salaries as per union contract	20.00
* H. Gold, salary (bonus or overtime) 1946	240.00
H. Gold, 1947 salary accrual	2,000.00
R. Gerson, 1947 " "	2,200.00
S. Fanshel, 1947 " "	2,893.63
H. Rabinovitch, 1947 " "	1,635.00
P. Levine, Consulting Services	913.75
	<u>1,400.00</u>
	\$13,996.97

(The salary accruals for 1948 alone are:

R. Gerson	\$2,893.63
H. Gold	2,200.00
W. Rohall	1,356.37
S. Fanshel	1,635.00
H. Rabinovitch	913.75
P. Levine (Consultin.)	1,400.00
	<u>\$10,298.75</u>

Under the miscellaneous accruals items above, the items of \$190 (2/5 of weekly payroll), \$240.00 (retroactive pay if conditions had permitted) and \$20. (accountant's fee) should be adjusted. The \$190. and the \$20. items were in fact paid. I don't know whether you should wipe out the \$240. item, or through it into Gold's overtime or bonus account. You could do the latter, since he will receive even more than that when we do pay off.

LOANS PAYABLE
as of December 31, 1947
A. BROTHMAN AND ASSOCIATES

Naomi Brothman	\$12,433.
G. N. Wollan	1,000.
S. J. Moskowitz	190.
C. Vago	100.
	<u>\$13,723.</u>

Notes: There is an amount of \$1,195 which appears in 1947 as paid, having been applied against the amount owing to Naomi Brothman Loans Payable. This sum represents payments that were actually made, but at the time they were made there was a question of whether to consider them as A. Brothman's drawing or whether to decrease the Loans Payable account. We did the latter, leaving a balance at the end of the year 1947 of \$12,433 owing to Naomi Brothman. We would like to take that sum of \$1,195 and put it in the drawing (A.B.) account, thereby increasing the amount owing to N.B., for the reason that you understand. If you believe this to be a reasonable procedure, please go ahead and do it. The Loans Payable at the end of 1947 will then appear as \$14,918 in total.

I am representing below the Loans Payable 1947 account for your ease in understanding what I'm trying to represent above:

LOANS PAYABLE			
1947			
* Feb. 28 (NB)	C81	350.00	1947
April 30 (B.P.)	C84	2,000.00	Jan. 1
* May 31, 2 (NB)	C87	300.00	Jan. 30 (NB)
June 30 (E.N. and B.P.)	C89	6,000.00	Feb. 28 (NB)
* Aug. 31 (NB)	C93	545.00	28 (NB)
		<u>9,195.-</u>	March 31 (NB)
			April 30 (NB)
			May 31 (E.N.)
			31 (A.B.)
			Dec. 31 (N.B.)
			31 (SJM)
			<u>22,928.</u>

* These items are, totalled, the \$1,195 I refer to.

** These items from 1946 are
B. Picto \$3,000.
N. Brothman 4,000.
G. N. Wollan 1,000.
C. Vago 100.

The last item should have been applied again

A. BROTHMAN AND ASSOCIATES

Accounts Receivable as of May 31, 1948:

Mettur Chemical and Industrial Co.	\$10,000.
Montecatini Societa Generale	500.
Edward Quick	<u>7,000.</u>
	<u>\$17,500.</u>

Loans Payable as of May 31, 1948:

H. Brothman	\$14,178.
Jerome Kline	5,000.
R. V. Kazani	900.
S. J. Moskowitz	890.
Egon Brothers Nursery	300.
O. J. Vago	<u>100.</u>
	<u>\$21,368.</u>

Accruals as of December 31, 1948:

S. Silberstein, Salary 1946	\$ 150.72
R. Nollan, 1946	550.00
W. Rohall:	
1946 \$1,147.50 (1,147.00)	
1947 1,356.37	
H. Gold (1946 overtime—however, mutually agreed not due)	2,503.87 (2,503.37)
H. Gold, 1947 Salary	2,000.00
R. Gerson, 1947 Salary	2,100.00
S. Fanshel, 1947 Salary	2,893.63
H. Rabinovitch, 1947 Salary	1,635.00
P. Levine	913.75 *
	<u>2,400.00</u>
	.77 ?
	<u>\$14,146.47</u> ledger entry

* Paid against this item \$100 3/31/48

Accruals as of May 31, 1947: (from 1/1/48)

Philip Levine	\$ 1,800.00
William Rohall	960.00
Harry Gold	1,300.00
Robert Gerson	525.00
Maxwell Levy (note dated 4/1/48, due 7/1/48) ??	<u>1,000.00</u>
	<u>\$ 5,585.00</u>

A G R E E M E N T

among

ULSTER CHEMICALS, INC.,

R. V. RAMANI,

SIGMUND J. MOSCOWITZ

LOUIS J. SCHEINMAN

BERNARD PIDTO

EMIL J. BARISS

I. ARNOLD HIMBER, ESQ.
Attorney-at-law
36 West 44th Street
New York 18, New York

A G R E E M E N T


between

ULSTER CHEMICALS, INC.

and

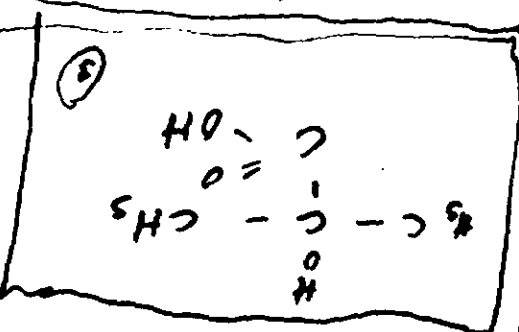
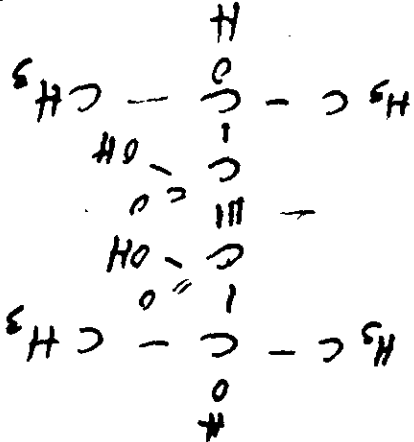
**PROCESSED CHEMICALS
AND COATINGS CORP., INC.**

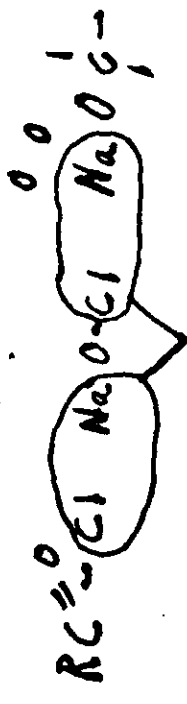
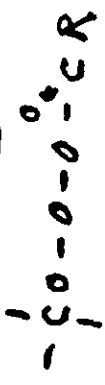
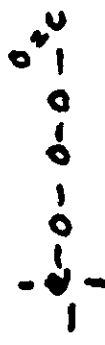
**I. ARNOLD HUBER, ESQ.
Attorney-at-law
36 West 44th Street
New York 18, New York**

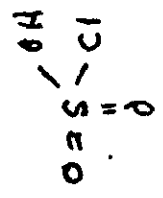
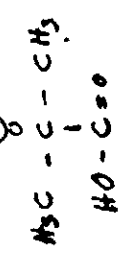
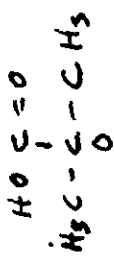


Handwritten notes on a piece of lined paper, possibly a page from a notebook. The text is heavily obscured by dark, irregular ink smudges and blotches, making it largely illegible. Some faint, scattered characters and symbols are visible, including what appears to be a circled '9' and some numbers like '10' and '11'. The paper is held in place by two hole punches at the top.

65%





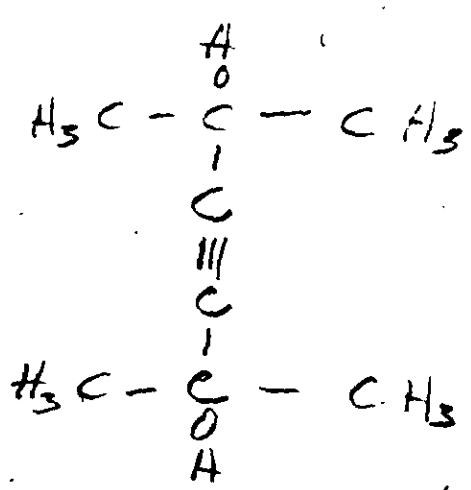


91.5
 106.5
~~16.0~~
 147.5

7000000000

$$\frac{5(500,000)}{30,000} = 83.33$$

$$\frac{5(550,000)}{30,000} = 91.67$$



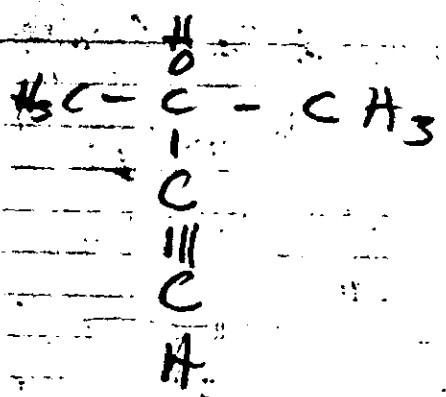
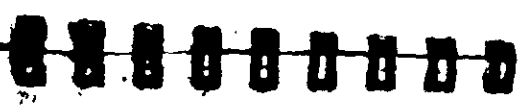
$$g = 1 - p$$

$$p$$

$$65\%$$

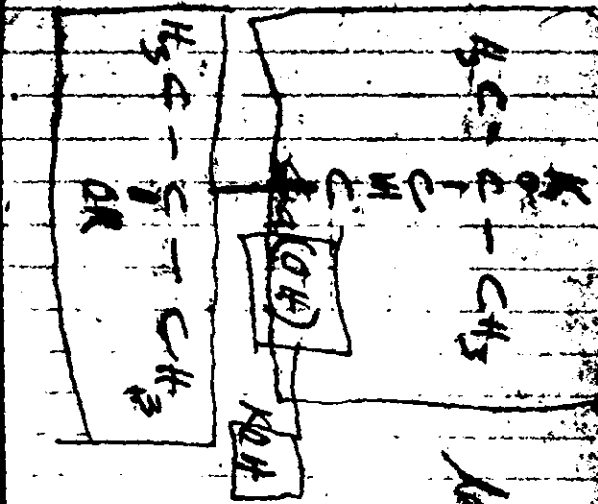
$$1 - g^4 =$$

$$1 - \frac{1}{21} = p$$



$$1 - g^2 =$$

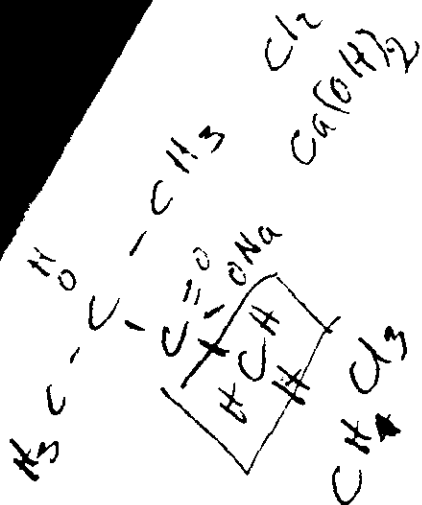
$$1 - \frac{1}{9} = \frac{8}{9}$$

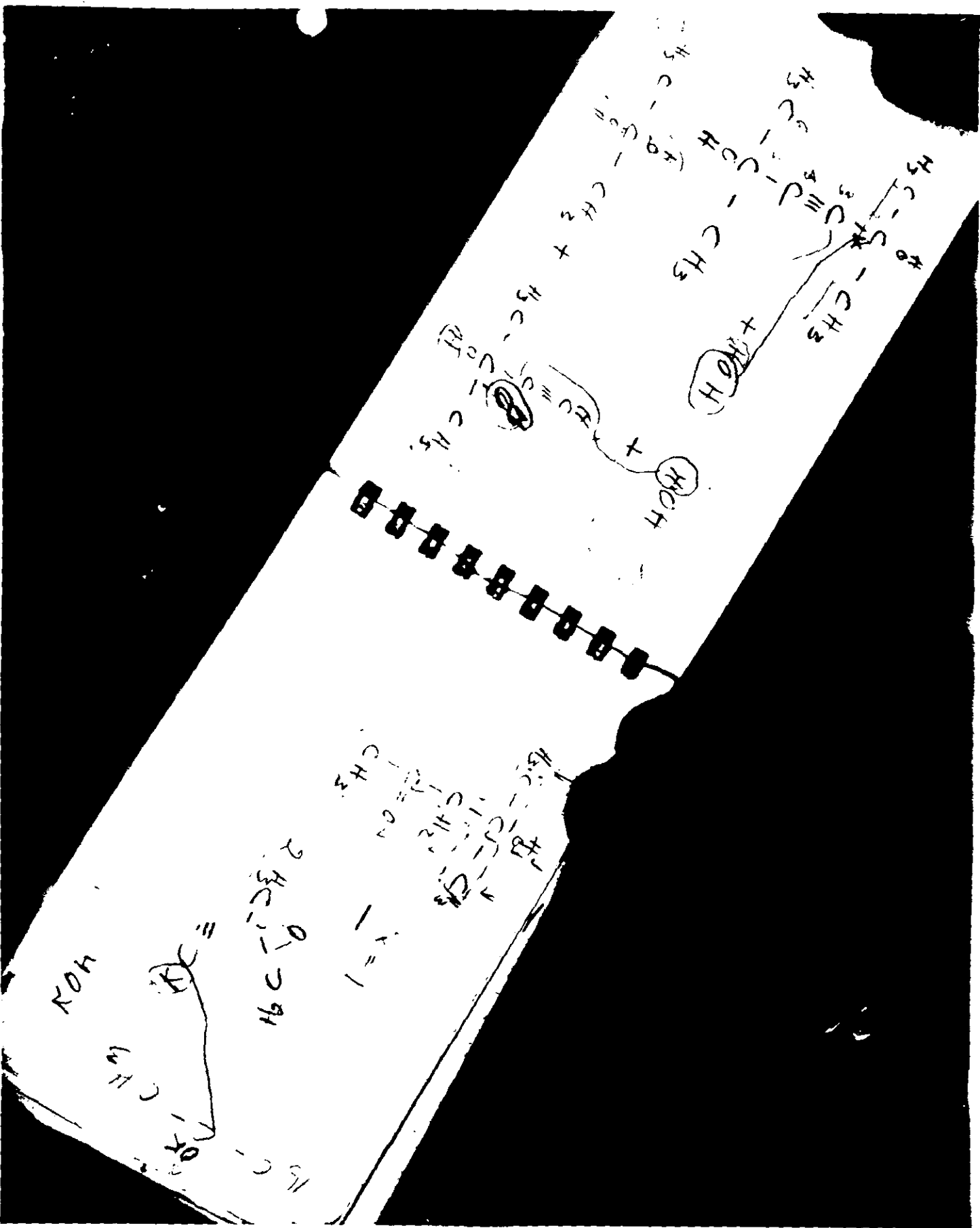


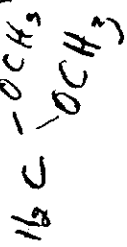
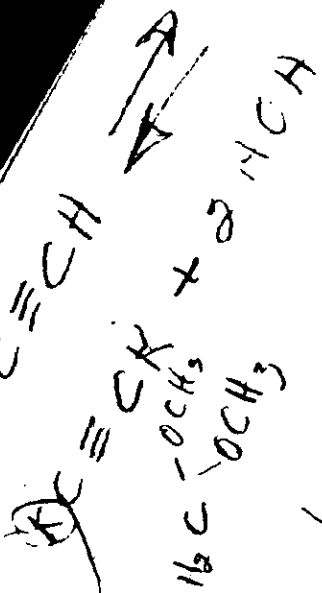
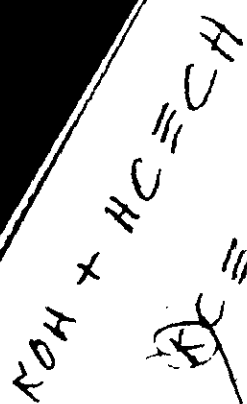
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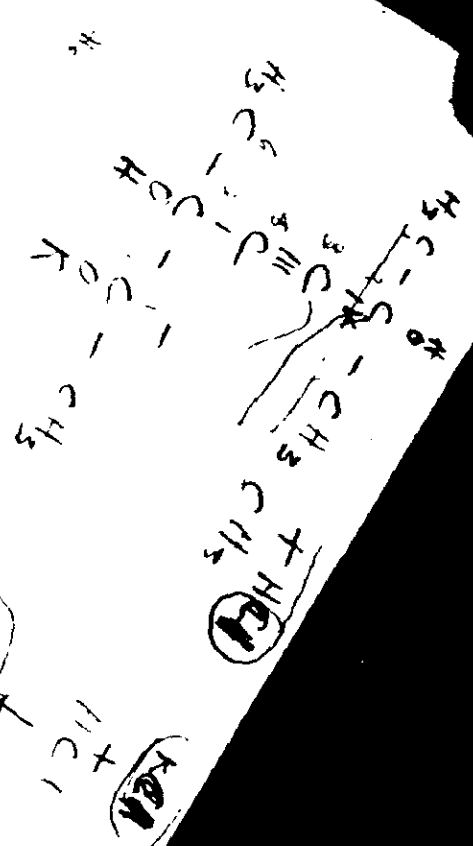
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1 =



KCl
 H_2O

KOH
 HCl

H_2O
 HCl

$$\frac{129}{104} = \frac{104}{104} + \frac{25}{104}$$

$$\frac{129}{104} = \frac{104}{104} + \frac{25}{104}$$

$$129 = 104 + 25$$

$$25 = 129 - 104$$

$$25 = 25$$

$$x + \frac{5.5}{104} + \frac{1.4}{104} = 1$$

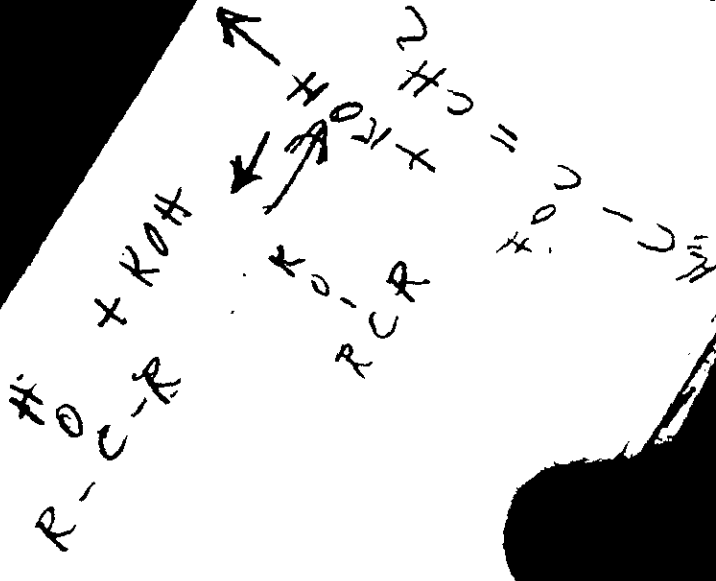
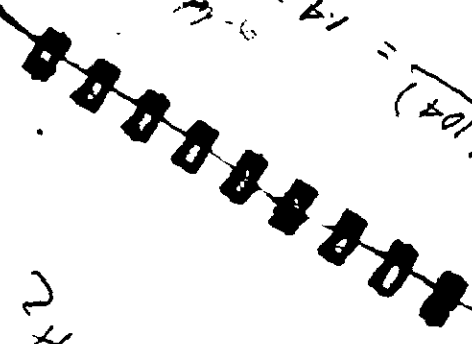
$$x + \frac{6.9}{104} = 1$$

$$x = 1 - \frac{6.9}{104}$$

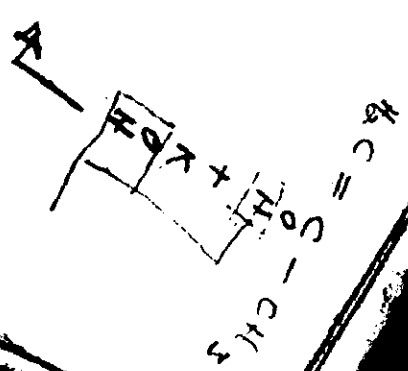
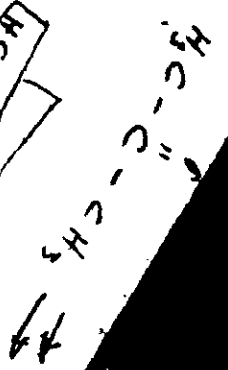
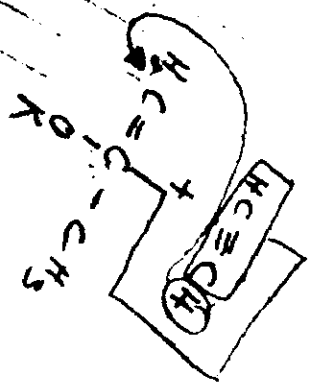
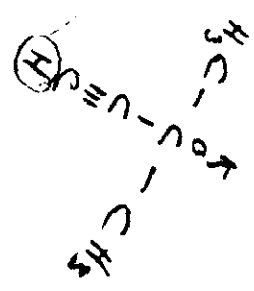
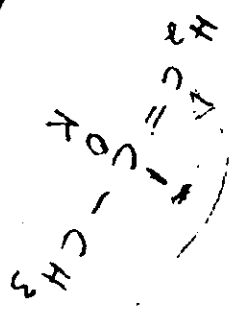
$$x = \frac{104 - 6.9}{104}$$

$$x = \frac{97.1}{104}$$

1.4 #/inch
5.5 #/inch

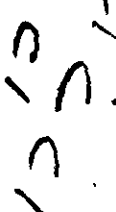
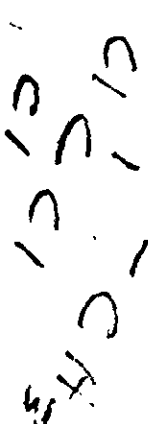
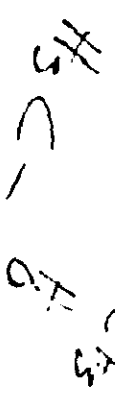
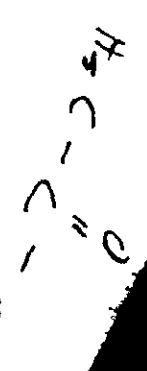


150 C.

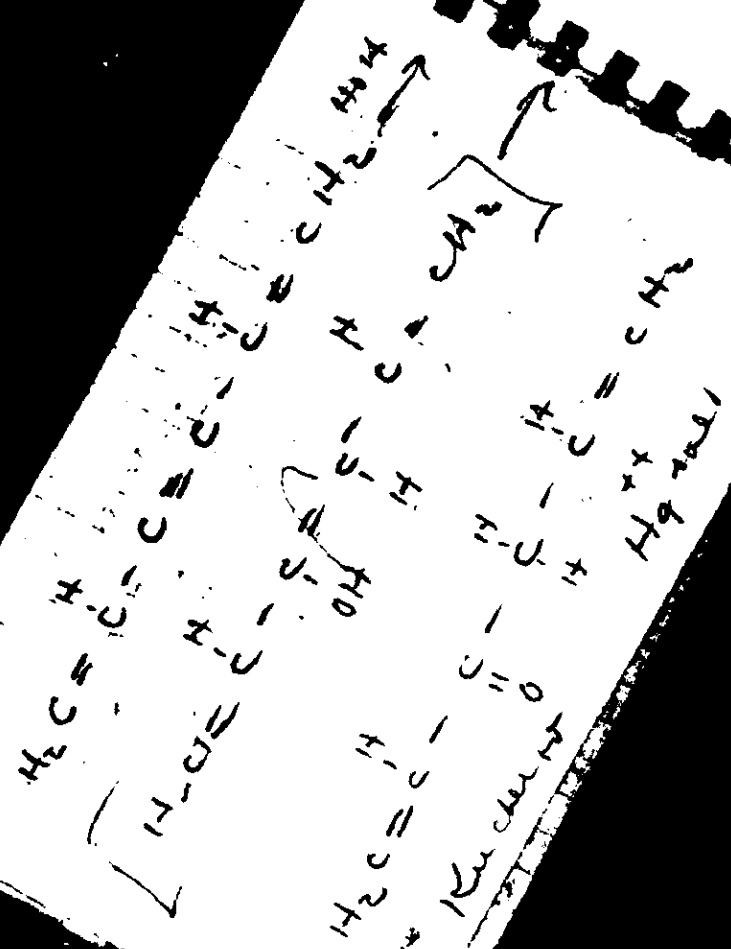


$\frac{5}{8}x$

$$0.27(5x) + 0.43(5x)$$



→



$$x(128) + (1-x)(203) = 160$$

$$x = \frac{203-160}{203-128}$$

$$x = \frac{43}{75} = 0.573$$

m.f. of active

$$\begin{array}{r} 173.00 \\ 32.00 \\ \hline 550 \\ 525 \\ \hline 250 \end{array}$$

Pawling 2161

R. Gordon

P. Mehta

53 EYS 2nd L7. (21)

KH-4-1135

Re - 9 - 9173

ATTEN & DELIVER TO

Water Stock Scrip &

Stockholders' Agreement

VIA AIR MAIL

I. ARNOLD NIMBER
26 WEST 43TH STREET
NEW YORK 18

Walter

✓
man

CH

HE

CH

Her Mittelman
122 East 30th St.

Mrs. T. M. Rayson
2930 South 24th St.
Lincoln - Nebraska

2 o'clock

450 WEST 118TH ST.
APT. 32

(*[Handwritten notes, possibly including "proposals" and "work"]*)

9

H C ≡ C H

+

H C ≡ C = C H₂

H C ≡ C

+

N₂ N₂

+

H C ≡ C H₂

+

H

G. Piel

158-A West 12 St.
N.Y.C.

Harry & Louie Levine
Commercially Ready Co.
Leominster, Mass.

Handwritten notes on a lined page, possibly a calendar or schedule. The text is heavily obscured by noise and artifacts, but some legible fragments include:

1

HAND AP...
...-UN...-8...
...MILL...
...-DR...
...TEAM

Booth's Hood I

Ace Camera Exchange

5/150

136 58Kaden

PL9-0947

ACE Camera Exchange

141 Fulton St

007-3921

ACE Camera Exchange

46 Fulton St

NY 7-803-1111

Photo Lens Co.

140 W 22 St

NY 213

Older NY 42-90

Pearles NY 7-100

75-18

Willoughby 110-222 204-1600

Mr. J. J. OLES

Booth's

11
3

Handwritten text, possibly a signature or name, written in cursive script.

~~MM~~
Call at 1:15 PM

IR-6-0800

m
Feb

about Typing
Mason, J. T.

6 PM
3

2' F
100 pages

[Faded handwritten text on a torn piece of lined paper]

ABA -
29-28 41 Av.
Chatham - Phoenix
Daly
LFC 1, NY
St 4-7840

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
4928 - 41 Avenue, Long Island City 1, New York
BRonsides 6-5451

April 5, 1948

Mr. Milton Weiss
1505 McCombs Road
Bronx, New York

Dear Mr. Weiss:

Enclosed are the schedules of accounts receivable, accounts payable, loans payable and accruals, which you had requested.

I have made explanatory notes on the loans payable and accruals accounts which I hope are clearly presented. If not, please don't hesitate to call me.

Very sincerely,

McGraw-Hill Publishing Company Inc

**McGraw-Hill Building
330 West 42nd Street
New York 18, N.Y.**

AS GOOD AS GOLD:

I know that your account is as 'good as gold.'

I also know that this charge is small and in the press of other matters has probably been overlooked.

If the matter were entirely up to me, I'd be happy to send a reminder to you not more than every month or six weeks, until it suited your convenience to settle it.

But under the regulations of the Audit Bureau of Circulations, of which we are a member, we are not permitted to service subscriptions longer than three months without payment.

To avoid the inconvenience caused by prolonged payment won't you send us your money NOW while this letter is before you?

Thanks very much. I certainly will appreciate your action on the matter today.

Sincerely yours,

M. C. Mulcahy

Circulation Credit Manager

M. C. Mulcahy
CC

CENTRAL SCIENTIFIC COMPANY

Chicago, U.S.A.

INSTRUCTIONS FOR THE CARE OF

CAT. NOS. 91100, 91105A-H HYVAC PUMPS

During shipment the intake nipple of the Hyvac pump is closed to prevent entrance of foreign matter into the pump. In handling the pump, similar precautions should be exercised.

Before operating, remove the top plate of the pump and fill with oil to the indicated level. The outside screw plug indicates the correct height. The oil should stand at this level when the pump is in operation. If insufficient oil is used, a good seal around the pump may not be maintained. If too much oil is used, oil may back through the pump trap into the vacuum line. The oil supplied with the pump is especially prepared for high vacuum work. For maximum pumping speeds at low pressures no other oil should be used. After changing oil, the pump must be run for some time on a closed system before lowest pressure is obtained.

The vanes are individually fitted. They should not be removed unless it is absolutely necessary, and then must be placed in their original position.

Be sure the pump is driven in the correct direction. The proper direction is indicated by an arrow (clockwise when viewed from pulley).

Due to the operation of the ball valve in the exhaust stage, Hyvac pumps normally operate with a clicking sound which becomes sharper as the pumps warm up. On continuous duty the oil temperature reaches 50°C or 60°C.

If the pumps in operation are subjected to vapors, these should be trapped to prevent contamination of the oil. If the vapors are corrosive they may attack metal parts of the pump. If the vapors are non-corrosive, they may be pumped through the mechanism, in which case the oil should be changed more frequently. Drain plugs are provided at the base of the pumps for removal of oil in the case.

The stuffing box on the pump shaft bearing should be tightened occasionally to take up wear in packing.

Hyvac motors have wool packed bearings which should be lubricated every three months.

The belt adjustment in mounted pumps is made by loosening the motor bolts and sliding the motor slightly forward or backward.

J31047H
J102948H

CENTRAL SCIENTIFIC COMPANY

CHICK-REC

$\frac{1.0}{95}$

11
C-CH
C-ONA

50%
50%



1. SEC - Lenses - How Met & Document
2. Laboratory Work
 - a. Generator
3. China Letter
4. Madelon & V.H. Pittie Contract
5. Inspector's Check-Up
6. Kottaner Job
7. Venetian Blind Rop
8. China Job

Complete - Jan. 11, '47

SATURDAY

21

JUNE 1947

APPOINTMENTS

MAY						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

JULY						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

- 9 a.m.
- 9:30 a.m. #2, 56-78, 70
- 10 a.m.
- 10:30 a.m. Fob - \$:472
- 11 a.m. Crown Tank
- 11:30 a.m. Cot.
- 12 noon 475#
- 1 p.m. 4 bushes
- 1:30 p.m.
- 2 p.m. E-19410 Hoppers
- 2:30 p.m.
- 3 p.m. 66" OD, 66" dia side
- 3:30 p.m. 80" Apex. cone.
- 4 p.m. 3' clearmm.
- 4:30 p.m. carb fob - 1,092.00
- 5 p.m. 4 bushes
- Evening prep wt. 1250# carb.
- AGA. Book.

Chemical Engineering

A McGraw-Hill Publication • 330 West 42nd Street • New York 18, N. Y. • LDogacre 4-3000

April 4, 1950

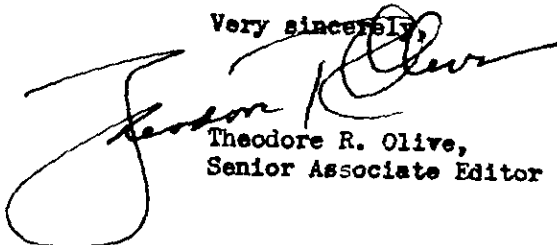
Mr. A. Brothman,
A. Brothman & Associates,
29-28 41st Ave.,
Long Island City, N. Y.

Dear Abe:

Although I knew that the time would have to come when Mr. Ramani's visitors permit would expire, it was a bit of a shock to me to learn that it was so soon.

In view of the very important character of the work he has been doing with you in the "robotization" of chemical processes, I surely hope that you will be able to convince the authorities of the desirability of extending his permit.

Very sincerely,



Theodore R. Olive,
Senior Associate Editor

CE/hs

3-1570
Rev. 12/6/49

APPROVED SURETY COMPANIES

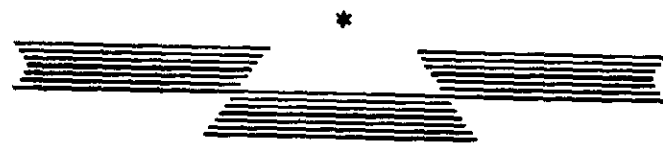
The following is a list of the approved Surety Companies who have indicated a desire to execute immigration bonds per District Office letter of October 25, 1948, File 98524/113:

Aetna Casualty & Surety Co., 151 William St., 60 E. 42nd St., NYC
& 16 Court Street, Brooklyn - RE 2-7900
American Automobile Insurance Company 99 John St. NYC - CO 7-3400
American Bonding Company, 140 William St., NYC - CO 7-8700
American Employers' Insurance Co., 120-122 William St. NYC CO 7-7250
American Motorists Insurance Co., 110 William St. NYC - DI 9-0060
American Surety Company of New York, 80 John Street NYC - BE 3-7000
Associated Indemnity Corp., 99 John Street NYC - CO 7-3400
Central Surety & Insurance Corp., 110 William St. NYC - WO 4-8279
Century Indemnity Company 100 William St., NYC - WH 3-1000
Columbia Casualty Company, One Park Avenue NYC - MU 5-1180
Continental Casualty Company 76 William St., NYC - WH4-5187
Fidelity & Casualty Co. of New York 80 Maiden Lane, NYC - HA 2-7800
Fidelity & Deposit Co. of Maryland 140 William St. NYC - CO 7-8700
Fireman's Fund Indemnity Co., 116 John Street NYC - BA 7-2400
Glens Falls Indemnity Co., 80 John St., NYC - HA 2-7100
Hartford Accident & Indemnity Co. 110 William St., NYC - WO 4-2700
International Fidelity Insurance Co. 15 Exchange Place, Jersey City,
New Jersey - BE 4-7520
Lumbermens Mutual Casualty Co. 110 William St. DI 9-0060
Manufacturers Casualty Insurance Co. 116 John St. NYC - CO 7-7633
Maryland Casualty Co. 107 William St. NYC - HA 2-7700
Massachusetts Bonding & Insurance Co. 130 William St. NYC - BE 3-1700
National Surety Corporation, 110 John Street, N.Y.C. & 545 5th Ave.,
N.Y.C. - BE 3-2100.
New England Casualty Insurance Co. 85 John Street NYC - BA 7-1100
New York Casualty Co. 80 John Street, NYC - BE 3-7000
Peerless Casualty Co. 116 John Street, NYC - BA 7-4938
Phoenix Indemnity Co., 80 John Street NYC - HA 2-5436
Seaboard Surety Co., 75 Maiden Lane, NYC - WH 3-1484
Standard Accident Insurance Co., 80 John St., NYC - BO 906060
Sun Indemnity Co. of New York 55 Fifth Ave. NYC -
Travelers Indemnity Co. 80 John St. & 100 E. 42nd St. NYC - MU 5-6600
United States Fidelity & Casualty Co., 80 Maiden Lane NYC -
United States Fidelity and Guaranty Co. 100 Maiden Lane NYC - HA-2-9700



YEAR BOOK

1950



NAME A. Brothman

STREET 29-28 41 Av.

CITY L.I.C., N.Y.

Attendance List for Credit Reports and Collections

SUNDAY, DECEMBER 31

Holiday Schedule for Absentee Employees

ARRANGEMENTS

Abe - Aug 15
 Gylan - Feb. 5th
 Mark - June 10
 Terrence - May 25
 Ger. - Dec. 26.

(disappeared
Harry)

Lelia.

Tubby Dec 31.

Elsa July 27

Marin Nov. 13.

Jan Nov. 18

Sakur Mar. 3

Rajana Jan 15

Copyright, 1968, by
United States Fidelity and Security Company
Baltimore, Maryland
Printed in U.S.A.

Constructive counsel
individual. Your
skilled service.
is on
book

5 hrs. Long (Lester 2 2/16/77)

MONDAY, JANUARY 2

I UCI - Discussion re short funds.
from 1 pm. to 4³⁰ pm = 3¹⁵ hrs.

Decisions

- 1) LBS to try to raise 700 loan for 4 wks.
- 2) Lee Gell + Melissa; she promise to take back the two checks + she latter to explain last payment delay.
- 3) Start work on plant in near future - LBS + RVP or AB.
- 4) To finish japing

II
2 hrs with Ram in preparation for Dupont
for K-1PE (Ram to 10th on slide = 6 hrs.
6 11 pm longer 9/11 letter.

Fidelity Bonds for Bank Employees

TUESDAY, JANUARY 3

AB to phone US Plastics - ext. (Matsuda)

2-6 (4 hrs.) Longa 9/16/49 letter

Evening - IPE meeting.

Rain in Matsuda

WEDNESDAY, JANUARY 4

~~AB to phone US Plastics~~
AB - US Plastics 3 pm to 5 pm

Longa letter 9/16 from # 11 - 3 pm

Evening - IPE

~~Rain in Matsuda~~

Rain on DuPont - (IPE) - 5 hrs.

Fidelity Bonds for Government Employees

THURSDAY, JANUARY 5

Longa 9/23 letter - 9 hrs.

H. Cherry (Longa) - 1 hr.

SJM. (UCI) - 1 hr.

Rain in Matsuda ~~9/16~~ - ~~2-6~~ pm

FRIDAY, JANUARY 6

Longa letter - 8 hrs.

Fidelity Bonds for Public Officials

SATURDAY, JANUARY 7

Law in Madison
Large letters - calculations
manpower plant

SUNDAY, JANUARY 8

Large calculations - October letter
manpower plant

Law - DuPont
Lewison - 4 hrs. on DuPont

Fidelity Bonds for Railroad Employees

MONDAY, JANUARY 9

A. B. - DuPont - 10 hrs.
Law - DuPont - 10 hrs.

TUESDAY, JANUARY 10

A. B.	DuPont -	18 hrs.
Law	DuPont	12 hrs.
Lewison	"	4 hrs.
Evil	"	4 hrs.
George	"	6 hrs.
Mac	"	4 hrs.

WEDNESDAY, JANUARY 11

AB + Room at Dupont's

d. 65 Postage - Lounge

THURSDAY, JANUARY 12

Room at Madison (left at 4:15 to 11:30 pm)

AB with Don Larrison from 12-5 pm.

AB on lounge calculations

Larrison phone call to instructor
(U. S. Plastic)

Quid in the morning only on 101 days
and afternoon (9-12, 4:30-6:30 pm)
4 1/2 hrs.

AB with Quid 2 1/2 hrs.

6th A.B. dinner with Larrison
re Slater, J.S. Plastic, etc.

FRIDAY, JANUARY 13

AB with Quid - 101 - 2 hrs.

AB with SM - 2 hrs
AB - Lounge morning calculations
2 hrs

SATURDAY, JANUARY 14

AB - IFE out in Lounge 2 hrs.

AB - 2 hrs. Lounge morning

AB - (U) Grand meeting
12:30

Proposals

1. See B.P. as soon as possible
+ ask if he can do better than
he did before, in view of IFE
2. Not negotiate with IFE until we
decide what to do with B.P.
3. If possible, to have B.P. alone.

Work & Home

SUNDAY, JANUARY 16

MM - discussion with SMM - LBS
led to decision to go ahead with
BP if his terms are still the same
as they were 4 weeks ago.

Jerome Klein visit to AD.

AB on lounge - 9 hrs.

Laurian in office on IC1 drug. 6 hrs.

MONDAY, JANUARY 16

AD - lounge calculations 8 hrs.
- with B.P. - 2 hrs. (V.C.I.)

Lam in restaurant

Birth Required for Last Securities

TUESDAY, JANUARY 17

AB - 6 hrs lounge with LEB

AB - 1PE conference evening

WEDNESDAY, JANUARY 18

Lam in restaurant 2 hrs. a.m.

AD - lounge monomer calcs.
(10/12) latter 10 hrs

Bonds for Contractors on Public Work

THURSDAY, JANUARY 19

AB - Kraft - 2 hrs. (1 PE)

Louza letters

BLACK
FRIDAY, JANUARY 20

Louza letters

Print 1 PE - mac

Bonds for Contractors on Private Work

BLACK SATURDAY, JANUARY 21

Steaper - 1 PE - 7 hrs.

Louza - finish of letters

SUNDAY, JANUARY 22

3 hrs. lab - 1 PE (for ?)
office

Bonds for Contractors on Government Work

MONDAY, JANUARY 23

4 hrs - Notes - (BP - E Z B)
3 hrs - USI - (PE)
4 hrs - lat (PE)

TUESDAY, JANUARY 24

Louza calculations
1 PE. evening

Internal Revenue Bonds

WEDNESDAY, JANUARY 25

Louza ~~specifications~~ calculations

THURSDAY, JANUARY 26

Louza letter mailed today
31.80

Customs Bonds

FRIDAY, JANUARY 27.

Jerry & Lind
Louza calculations

SATURDAY, JANUARY 28

Abe in Houston full day

Licenses Bonds

SUNDAY, JANUARY 29

Abe on distillation system
for Louza

MONDAY, JANUARY 30

Abe on distillation system -
for Louza

Laminon's - evening

Fraud Bonds

TUESDAY, JANUARY 31

Abe on 1st work -
+ Mr. Binney + Smith - 3rd party
Seagram
Lind - Fannie Acid
Lawson - evening

2 hrs -

Check Forgery and Alteration Bonds

WEDNESDAY, FEBRUARY 1

Abe - 3 hrs Binney + Smith
- Mrs. Lawson
- E. B.
- Lawson - today

THURSDAY, FEBRUARY 2

A. J. Lawson - evening
- Lawson - today
- E. B.

Automobile Liability Policies

FRIDAY, FEBRUARY 3

Auto - Insurance, Louisa - 1 hr
~~Auto~~
Lecture 8 hrs.

SATURDAY, FEBRUARY 4

1:30
ISP Overview 4 hrs
Louisa 2 hrs

Automobile Property Damage Policies

SUNDAY, FEBRUARY 5

Louisa 4 hrs.

MONDAY, FEBRUARY 6

Louisa 2 hrs.
E2B 2 hrs
GCI 2 hrs

Automobile Collision Policies.

TUESDAY, FEBRUARY 7

Louisa - 6 hrs.

In IPE conference

IPE - Forum Airt

WEDNESDAY, FEBRUARY 8

IPE - Forum Airt - 8 hrs.

Public Liability Policies

THURSDAY, FEBRUARY 9

IPE - Forum Airt 8 hrs.

IPE - Stanley - 3 hrs.

1 E20 on Louisa - 3 hrs.

FRIDAY, FEBRUARY 10

A. G. with E20 on Louisa - 2 hrs.

Accident Policies

SATURDAY, FEBRUARY 11

Abe on Louza - sales

SUNDAY, FEBRUARY 12

Abe on Stanley's derivation

Income Insurance Policies

MONDAY, FEBRUARY 13

Abe on Louza's calculations

TUESDAY, FEBRUARY 14

Abe on Louza's answer calculations

with AA E23

IPE conference

Residence Burglary and Theft Policies

WEDNESDAY, FEBRUARY 15

*Abt on Luga nonowner calcs.
(Wash. Detention System)*



THURSDAY, FEBRUARY 16

Abt on nonowner calcs.



Bank Burglary and Robbery Policies

Abt on **FRIDAY, FEBRUARY 17**

Luga nonowner calcs.

SATURDAY, FEBRUARY 18

Abt on Luga nonowner calcs.

Safe Deposit Box Policies

SUNDAY, FEBRUARY 19

MONDAY, FEBRUARY 20

Marquette Safe and Open Stock Policies

TUESDAY, FEBRUARY 21

Also attend Dublin dinner - IPE
IPE conference in evening

Also handed over fiber drawings
to IPE Get receipt

WEDNESDAY, FEBRUARY 22

Also on lounge in
Ran on revised lounge
diagram

Paymaster, Messenger and Interior Robbery Policies

THURSDAY, FEBRUARY 23

Abe on Longa spec.

7/23 letter to Longa mailed 3/50

Abe - evening conference (C)

M.M. - mailed Preber's ACS application

Abe with Stanley on phone -

FRIDAY, FEBRUARY 24

Abe on Longa specifications

" with EZB on IPE
(was formalized re.)

" One hr. on Kymerne Akhoboly

" on letter to Kline for 101-3 hr

EZB with Ancher on phone for values packings

Blanket Residence Policies

SATURDAY, FEBRUARY 25

Abe on Longa monomer plant specifications - 4 hrs.
(Revising wiring diagrams)

Abe with Lawrence in the evening - phone bill

SUNDAY, FEBRUARY 26

Abe in lab for UCC - 7 hrs

Abe - conference with UCC

MONDAY, FEBRUARY 27

Abe - UCI - letter to Helen
Ran - Finnish inquiry - copy of
flavorhat

Abe - Lanya spec.

ACE + E-mail to St. Louis

Ran + M. at lat with (B)
until 2 am

Had to Abe 215

TUESDAY, FEBRUARY 28

Abe in St. Louis

Had to Abe - ~~1.09~~

WEDNESDAY, MARCH 1

Abe in St. Louis

Wm. J. Sweeney, Inc (Construction)

Rm 1010

29-23 W AV

LIC.

#1 - [illegible]

At 4-6729

THURSDAY, MARCH 2

Abe in St. Louis
Conf with AL in evening
Stellan [illegible]

also at car

Bridge Insurance

FRIDAY, MARCH 3

Abs on lounge
evening at Lab

Mail to Abramowitz (supplied by Ito) - 248
Abs on VC letters vs a line

SATURDAY, MARCH 4

Abs at restaurant
evening at lounge
lunch at Lab

Buildings Risk Insurance

SUNDAY, MARCH 5

Abs on office from 6-11 on lounge

MONDAY, MARCH 6

Abs on lounge
conference with B...
work on lounge Ito

Th. M.: 411- J. J. K...
250 E. Broadway St
Dover, N. Y. (11704)

42-62 W. J. Smith map
NY 28 41 20

Business Interruption Insurance

TUESDAY, MARCH 7

Abe lunch with Olive with EZB
Abe conference with IPC
Abe on Dubois + Nichols letters

WEDNESDAY, MARCH 8

M.M. by Mrs Harry Iaphome
35 24 33 ft.
L.I.C.
Abe on Dubois + Nichols letters
Abe - discussion with Paul on UCI
+ also re finances

Consequential Loss and Damage Insurance

THURSDAY, MARCH 9

Abe - 4 hrs. on Robert + Hank
Abe on UCI letters to Kline
Abe on Longa
Nichols + Dubois letters 18¢ postage

FRIDAY, MARCH 10

Acknowledgment from A.C.S. for Buis?
Abe on Longa, left at
4 pm for Baltimore
Abe 10 hrs - UCI
Reprints to Mutual Insurance Co
127 postage
letter to Robert + Hank - 18¢ postage
visit to Westmore

Contractor's Equipment Insurance

SATURDAY, MARCH 11

Abe - Louisa 6 hrs
mailed reports to Lou 294

SUNDAY, MARCH 12

Abe - Louisa - 10 hrs.
VCI discussion 2 hrs

Travel and Outstation Insurance

MONDAY, MARCH 13

Abe - & hrs wasted in a.m.
waiting for plane for IPE
→ Boston

Abe - 6 hrs. Louisa
2 hrs. IPE

left 11:30 pm on train for
Boston

TUESDAY, MARCH 14

Abe in Boston today

SATURDAY, MARCH 11

Abe - Louisa 6 hrs
mailed reports to Lou 294

SUNDAY, MARCH 12

Abe - Louisa - 10 hrs.
VCI discussion 2 hrs

MONDAY, MARCH 13

Abe - 4 hrs wasted in a.m.
waiting for plane for IPE
to Boston

Abe - 6 hrs. Louisa
2 hrs. IPE

left 11:20 pm on train for
Boston

TUESDAY, MARCH 14

Abe in Boston today

WEDNESDAY, MARCH 15

Alb on Longa

M.M. - Luman Langwin
Astoria, O. 82

THURSDAY, MARCH 16

Alb on Longa + web
E2B out IPE

FRIDAY, MARCH 17

Alb on Longa + IPE

SATURDAY, MARCH 18

Alb on Longa

SUNDAY, MARCH 19

A B on Longa

meeting at Leirions

ibranowdy postage - \$1 (1 PE)

MONDAY, MARCH 20

A B on Longa

EB on Pom

EB on letters for 1 PE

TUESDAY, MARCH 21

EB on Pom

" correction of Longa
address

on 1 PE letters

Conference - 1 PE

Pom postage \$1.50 - 1 PE

WEDNESDAY, MARCH 22

EB - Longa address

Multiple Location Fire & Extended Coverage Insurance

THURSDAY, MARCH 23

FRIDAY, MARCH 24

Inland Marine Insurance

SATURDAY, MARCH 25

7 B w Kottam

SUNDAY, MARCH 26

Personal Property Floater Insurance

MONDAY, APRIL 3

Erzya

TUESDAY, APRIL 4

AB + ECB at Belgian firm
Erzya

Registered Mail Insurance

WEDNESDAY, APRIL 5

Poly-resins Ltd (Mr. H. James) 254 105
Widow - Albert celebration
Erzya

THURSDAY, APRIL 6

Parcel Post Insurance

FRIDAY, MARCH 31

Louisa

Personal Effects Insurance

SATURDAY, APRIL 1

Louisa

SUNDAY, APRIL 2

Louisa

THE NATIONAL CITY BANK OF NEW YORK 1-2 2/10
 FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. _____ DATE 4.15. 1949

PAY TO THE ORDER OF Cash \$ 6.00
six 00/100 DOLLARS
RANANI

Ranani

THE NATIONAL CITY BANK OF NEW YORK 1-2 2/10
 FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. _____ DATE March 3, 1949

PAY TO THE ORDER OF Mr. Daniel Sobel \$ 12.00
Twelve Dollars DOLLARS
RANANI

Ranani

THE NATIONAL CITY BANK OF NEW YORK 1-2 2/10
 FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. _____ DATE Long Island Cit
11

PAY TO THE ORDER OF Willoughby \$ 1.05
one and 5/100 DOLLARS
RANANI

Ranani

THE NATIONAL CITY BANK OF NEW YORK 1-2 2/10
 FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. _____ DATE 5/31 1949

PAY TO THE ORDER OF A. BROTHMAN \$ 2000
Two thousand 00/100 DOLLARS
RANANI

Ranani

(0 0 0 0)
0 0 0 0 0 0

THE CHASE NATIONAL BANK
OR ENDORSEMENTS GUARANTEED
MORRIS PLAN INDUSTRIAL BANK
OF NEW YORK
INDUSTRIAL BANK OF COMMERCE

MAR 21 MAR 22 1939 0003

PAY TO THE ORDER OF ANY
BANK, BANKER OR TRUST COMPANY
OR THROUGH THE
NEW YORK CLEARING HOUSE
FOR ENDORSEMENTS GUARANTEED
THE CHASE NATIONAL BANK
OF THE CITY OF NEW YORK

Mr. Daniel
P.P.C.

THE CHASE NATIONAL BANK
NEW YORK CLEARING HOUSE

No. WILCOUGHBY
PAY TO THE ORDER OF
THE CHASE NATIONAL BANK
OF THE CITY OF NEW YORK
PENNSYLVANIA BRANCH

WILCOUGHBY

W.D.
1939

ENDORSED BY
THE CHASE NATIONAL BANK
CANCER

THE CHASE NATIONAL BANK
NEW YORK CLEARING HOUSE

9
MAY 1939
THE CHASE NATIONAL BANK
LONG ISLAND BRANCH

FOR DEPOSIT ONLY
A. BROTHMAN AND ASSOCIATES

0144
0144

Robinson

0144
0144

Robinson

RECEIVED
NEW YORK, N.Y.
JUN 26 1949

JUN 26 1949 0320

RECEIVED
NEW YORK
CLEARING
HOUSE

Robinson

0144
0144

Robinson

THE NATIONAL CITY BANK OF NEW YORK 1-8
210

FOURTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. _____

NEW YORK, May 29, 1949

PAY TO THE ORDER OF cash \$ 16.00

Sixteen dollars 00/100 etc.

DOLLARS
E. C.

Refaman

THE NATIONAL CITY BANK OF NEW YORK 1-8
210

FOURTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. _____

NEW YORK, May 29, 1949

PAY TO THE ORDER OF Mrs. G. Kegan \$ 20.00

Twenty dollars etc.

DOLLARS

Refaman

THE NATIONAL CITY BANK OF NEW YORK 1-8
210

FOURTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. _____

NEW YORK, May 30, 1949

PAY TO THE ORDER OF Dr. Barbara Ghosh \$ 50.00

Fifty dollars etc.

DOLLARS

Refaman

THE NATIONAL CITY BANK OF NEW YORK 1-8
210

Long Island City BRANCH
 L.I.C. 1, N.Y.

CHECK NO. _____

NEW YORK, June 1, 1949

PAY TO THE ORDER OF Dr. M. Joel K... \$ 52.00

Fifty-two and 00/100 etc.

DOLLARS

Refaman

49
PAY TO THE ORDER OF
ANY BANK OR TRUST COMPANY
1-45
JUN 2 1949
1-45
NEW YORK CLEARING HOUSE
49
NATIONAL CITY BANK TRUST CO.
OF NEW YORK
49

Lawrence J. Blumenthal
Remittance Statement on

NEW YORK CLEARING HOUSE
JUN 2 1949
NEW YORK, N.Y.

Mr. S. Rogan
Attitude P Rogan

JUN 3 1949
PAY TO THE ORDER OF
ANY BANK OR TRUST COMPANY
1949
NEW YORK CLEARING HOUSE
NEW YORK, N.Y.

Dr. Robert Blum

NEW YORK CLEARING HOUSE
JUN 7 1949
THE NATIONAL CITY BANK
OF NEW YORK
CHELSEA BRANCH

PAY TO THE ORDER OF
The National City Bank of New York
CHELSEA BRANCH
M. JOEL FRIEDMAN

THE NATIONAL CITY BANK OF NEW YORK
42ND STREET BRANCH

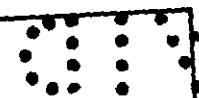
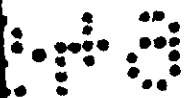
JANUARY 21,

49

DEBIT TICKET
will

Sp. ck. a/c

To cover cost of special handling and messenger service returning today
your Check No. for 10.00
Because there were insufficient funds in your account.
Because your check was drawn against uncollected funds.



\$2.50

DEBIT

Mr. R. V. Ramani,
Singer & Breyer,
420 Lexington Avenue,
New York 17, N. Y.

DEPARTMENT _____
MADE BY _____ CHECKED BY _____ APPROVED BY _____
60

THE NATIONAL CITY BANK OF NEW YORK 1-8 210

FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. 40 NEW YORK Oct. 13 1948

PAY TO THE ORDER OF Mr. Raymond A. Clark \$ 20⁰⁰/₁₀₀

Twenty Dollars DOLLARS

Rafamani

THE NATIONAL CITY BANK OF NEW YORK 1-8 210 2

FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

PAY TO THE ORDER OF cash \$ 10⁰⁰/₁₀₀

ten dollars DOLLARS

10/17 1948

Rafamani **J.F.D.**

THE NATIONAL CITY BANK OF NEW YORK 1-8 210 2

FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

PAY TO THE ORDER OF Mr. Raymond A. Clark \$ 20⁰⁰/₁₀₀

Twenty Dollars DOLLARS

10/22 1948

Rafamani **W.A.B.**

THE NATIONAL CITY BANK OF NEW YORK 1-8 210 2

FORTY-SECOND STREET BRANCH
 FORTY-SECOND STREET AT MADISON AVENUE
 NEW YORK, N.Y.

CHECK NO. 42 NEW YORK 10/25 1948

PAY TO THE ORDER OF Mr. Raymond A. Clark \$ 10⁰⁰/₁₀₀

Ten Dollars DOLLARS

10/25/48

Rafamani **E.L.C.**

THE NATIONAL CITY BANK OF NEW YORK 19
 LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
 LONG ISLAND CITY, N. Y.

NEW YORK June 21, 1949.

Pay to the order of Rahn Stationery and Printing Co. \$ 13 ⁷⁵/₁₀₀

Thirteen Dollars and Seventy Five Cents Only. DOLLARS

Rahmani

THE NATIONAL CITY BANK OF NEW YORK 1-9 19
 LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
 LONG ISLAND CITY, N. Y.

NEW YORK June 23, 1949

Pay to the order of Party \$ 30 ⁰⁰/₁₀₀

Thirty Dollars DOLLARS

Rahmani

THE NATIONAL CITY BANK OF NEW YORK 19

LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
 LONG ISLAND CITY, N. Y.

NEW YORK June 25, 1949

Pay to the order of Party \$ 25 ⁰⁰/₁₀₀

Twenty Five Dollars DOLLARS

Rahmani

THE NATIONAL CITY BANK OF NEW YORK 1-9 19
 LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
 LONG ISLAND CITY, N. Y.

NEW YORK June 27, 1949

Pay to the order of Party \$ 30 ⁰⁰/₁₀₀

Thirty Dollars DOLLARS

Rahmani

INTERNATIONAL CITY BANK
OF NEW YORK
WELLS STREET BRANCH

APR 25 1949

CHEFFIELD MASS 01

APR 25 1949
NEW YORK

APR 27 1949

MOSKOWITZ
APR 27 1949
NEW YORK

APR 27 1949
NEW YORK
APR 27 1949
NEW YORK
APR 27 1949
NEW YORK

BANK, BANKER OR TRUST COMPANY
OR THROUGH THE
NEW YORK CLEARING HOUSE
COMMUNICATIONS, Inc.
DEC 1948
BANKERS
ELI S. GAMP
1948

Advances

THE NATIONAL CITY BANK OF NEW YORK 1-8
210

LONG ISLAND CITY BRANCH
 RIDGE PLAZA NORTH AT TWENTY-NINTH STREET
 LONG ISLAND CITY, N. Y.

CHECK NO. _____ NEW YORK June 22, 1949

PAY TO THE ORDER OF cash JUN 29 1949 \$ 50 ⁰⁰/₁₀₀

Fifty dollars & 00 cts DOLLARS

Refamari

THE NATIONAL CITY BANK OF NEW YORK 1-8
210 2

WORLD-SECOND STREET BRANCH
 100 WEST SECOND STREET AT MADISON AVENUE
 NEW YORK, N. Y.

CHECK NO. _____ NEW YORK 11/24 1948

PAY TO THE ORDER OF R.C.A. Radio \$ 5 ³⁹/₁₀₀

Five dollars 39 cts only DOLLARS

Refamari E.I.C.

THE NATIONAL CITY BANK OF NEW YORK 1-8
210 2

WORLD-SECOND STREET BRANCH
 100 WEST SECOND STREET AT MADISON AVENUE
 NEW YORK, N. Y.

CHECK NO. _____ NEW YORK 4/29 1949

PAY TO THE ORDER OF cash \$ 5 ⁰⁰/₁₀₀

Five dollars & 00 cts DOLLARS

Refamari

THE NATIONAL CITY BANK OF NEW YORK 1-8
210 2

LONG ISLAND CITY BRANCH
 RIDGE PLAZA NORTH AT TWENTY-NINTH STREET
 LONG ISLAND CITY, N. Y.

CHECK NO. _____ NEW YORK 4. 20. 1949

PAY TO THE ORDER OF cash \$ 5 ⁰⁰/₁₀₀

Five dollars 00 cts DOLLARS

Refamari

THE NATIONAL CITY BANK OF NEW YORK 1-8
210

L.I. City BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
FORTY-SECOND STREET AT MADISON AVENUE
NEW YORK, N.Y.

CHECK NO. _____ NEW YORK June 2, 1949

PAY TO THE ORDER OF The Institute of Radio Engineers, Inc. \$ 10.00

Ten dollars and 00/100 cts.

DOLLARS

30152

Refamari

THE NATIONAL CITY BANK OF NEW YORK 1-8
210 19

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____ NEW YORK July 10, 1949

PAY TO THE ORDER OF cash \$ 20.00

Twenty dollars and 00/100 cts.

DOLLARS

NEW YORK

Refamari

THE NATIONAL CITY BANK OF NEW YORK 1-8
210 19

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____ NEW YORK 7/18, 1949

PAY TO THE ORDER OF cash \$ 20.00

Twenty dollars and 00/100 cts.

DOLLARS

NEW YORK

Refamari

THE NATIONAL CITY BANK OF NEW YORK 1-8
210 19

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____ NEW YORK July 1, 1949

PAY TO THE ORDER OF cash \$ 10.00

Ten dollars and 00/100 cts.

DOLLARS

NEW YORK

Refamari

WAY TO THE ORDER
THE CHASE NATIONAL BANK
79 STREET BRANCH
INSTITUTE OF BANKERS

OR THROUGH THE
NEW YORK CLEARING HOUSE

JUL 26 1951 12 26 00

PRICE ENDORSEMENTS GUARANTEED
THE CHASE NATIONAL BANK
OF THE CITY OF NEW YORK 1-74
THE CHASE NATIONAL BANK
OF THE CITY OF NEW YORK
SEVENTY-NINTH ST. BRANCH 1-74

0000
0000

Refused

0000
0000

Refused

OR THROUGH THE
NEW YORK CLEARING HOUSE
BROADWAY AMER. S. TR. 52-51
THE
PRICE ENDORSEMENTS GUARANTEED
THE CHASE NATIONAL BANK
OF THE CITY OF NEW YORK 1-74
PAY TO THE ORDER OF ANY
BANK, BANKER OR TRUST CO.
PRICE ENDORSEMENTS GUARANTEED

*Wm. Starnick Inc
19 Broadway New York*

THE NATIONAL CITY BANK OF NEW YORK

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____

NEW YORK 7/21 1949

PAY TO THE ORDER OF cash \$ 25.00

Twenty five and 00/100 DOLLARS

Refamani

THE NATIONAL CITY BANK OF NEW YORK

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____

NEW YORK July 20 1949

PAY TO THE ORDER OF cash \$ 10.00

Ten and 00/100 DOLLARS

Refamani

THE NATIONAL CITY BANK OF NEW YORK

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____

NEW YORK 7/18 1949

PAY TO THE ORDER OF cash \$ 20.00

Twenty and 00/100 DOLLARS

Refamani

THE NATIONAL CITY BANK OF NEW YORK

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____

NEW YORK 7/14 1949

PAY TO THE ORDER OF cash \$ 20.00

Twenty and 00/100 DOLLARS

Refamani

NEW YORK CLEARING HOUSE
JUL 26 49 0002
THE FIDELITY UNION TRUST COMPANY
1-127 CENTER ST. N.Y.C. 1-127

FOR DEPOSIT IN
The Public National Bank and Trust Company of New York
KENT SERVICE CENTER, INC.

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THE NATIONAL CITY BANK OF NEW YORK DRK 100
LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT 47TH STREET
LONG ISLAND CITY, N. Y.
NEW YORK
8/29/49
1049
Cash
\$ 30.00
DOLLARS
Rafamani

THE NATIONAL CITY BANK OF NEW YORK 100 10
LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT 47TH STREET
LONG ISLAND CITY, N. Y.
NEW YORK
8/26/49
1049
Cash
\$ 30.00
DOLLARS
Rafamani

THE NATIONAL CITY BANK OF NEW YORK 100 10
LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT 47TH STREET
LONG ISLAND CITY, N. Y.
NEW YORK
9/22/49
1049
Cash
\$ 30.00
DOLLARS
Rafamani

THE NATIONAL CITY BANK OF NEW YORK 100 10
LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT 47TH STREET
LONG ISLAND CITY, N. Y.
NEW YORK
9/21/49
1049
Cash
\$ 30.00
DOLLARS
Rafamani

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THE NATIONAL CITY BANK OF NEW YORK 10

LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-SEVEN STREET
 LONG ISLAND CITY, N. Y.

NEW YORK Sept 1, 1949

127
 American Republics, Inc.
 \$ 72 ⁰⁰/₁₀₀ DOLLARS

Robinson

THE NATIONAL CITY BANK OF NEW YORK 10

LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-SEVEN STREET
 LONG ISLAND CITY, N. Y.

NEW YORK Sept. 9 1949

29
 \$ 50 ⁰⁰/₁₀₀ DOLLARS

Robinson

THE NATIONAL CITY BANK OF NEW YORK

LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-SEVEN STREET
 LONG ISLAND CITY, N. Y.

NEW YORK Sept 6 1949

12
 \$ 20 ⁰⁰/₁₀₀ DOLLARS

Robinson

THE NATIONAL CITY BANK OF NEW YORK 10

LONG ISLAND CITY BRANCH
 BRIDGE PLAZA NORTH AT TWENTY-SEVEN STREET
 LONG ISLAND CITY, N. Y.

NEW YORK Sept 6 1949

12
 \$ 20 ⁰⁰/₁₀₀ DOLLARS

Robinson

CLEARING HOUSE
 No. 1
 SEP 9 49 2000
 FROM THE CREDIT OF THE ACCOUNT OF
THE NATIONAL CITY BANK
 OF NEW YORK
 19 42ND STREET BRANCH

PAY TO THE ORDER OF
The National City Bank of New York
 42ND STREET BRANCH
AMERICAN INSTITUTE
 OF CHEMICAL ENGINEERING

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Robinson

ALL FROM ENDORSEMENT GUARANTEED
 SEP 9 1949
 SEP 3 1949
 SEP 17 1949
 15-3
 PAY TO THE ORDER OF
THE RIGGS NATIONAL BANK
 FEDERAL RESERVE BANK
 OF WASHINGTON, D.C.
 THE RIGGS NATIONAL BANK
 FEDERAL RESERVE BANK
 OF WASHINGTON, D.C.
 THE RIGGS NATIONAL BANK
 FEDERAL RESERVE BANK
 OF WASHINGTON, D.C.
 THE RIGGS NATIONAL BANK
 FEDERAL RESERVE BANK
 OF WASHINGTON, D.C.

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Robinson

THE NATIONAL CITY BANK OF NEW YORK 19 ⁴⁹/₂₀

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____ DATE Sept. 23 19 49

PAY TO THE ORDER OF cash \$ 20⁰⁰/₁₀₀

Twenty ⁰⁰/₁₀₀ DOLLARS

Robinson

THE NATIONAL CITY BANK OF NEW YORK 19 ⁴⁹/₂₀

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____ DATE 9/21 19 49

PAY TO THE ORDER OF cash \$ 20⁰⁰/₁₀₀

Twenty ⁰⁰/₁₀₀ DOLLARS

Robinson

THE NATIONAL CITY BANK OF NEW YORK 19 ⁴⁹/₂₀

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. _____ DATE Sept. 16 19 49

PAY TO THE ORDER OF cash \$ 30⁰⁰/₁₀₀

Thirty and ⁰⁰/₁₀₀ DOLLARS

Robinson

THE NATIONAL CITY BANK OF NEW YORK 19 ⁴⁹/₂₀

LONG ISLAND CITY BRANCH
BRIDGE PLAZA NORTH AT TWENTY-NINTH STREET
LONG ISLAND CITY, N. Y.

CHECK NO. 130 DATE Sept 9 19 49

PAY TO THE ORDER OF Mom's Pharmacy \$ 6⁶⁷/₁₀₀

six and ⁶⁷/₁₀₀ DOLLARS

Robinson 57

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Robinson

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Robinson
William H. Robinson

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Robinson

ALL BANKS OF THE WORLD
SEP 27 1964
NEW YORK
EXCHANGE BANK TRUST CO
EXCHANGE AVE LOS ANGELES
45

Horris Murray
Klemens Murray