

THE NEW SUPERIOR WIREBOUND
COMPOSITION BOOK

THE
GYPAL

PATENT PENDING



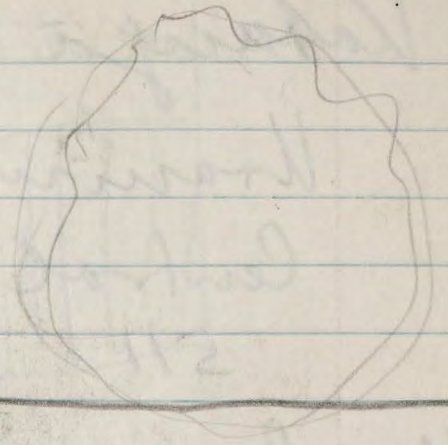
G-738

LEAVES TURN FREE and
FAST . . . LIE FLAT IN
PERFECT ALIGNMENT

U. S. A.

Th

25 cents per in
pieces. —



Metals Hydrides
Box 816 Clifton
Mass

Wallace M. Minato

96. Romaine Ave

Telephane Bergen 3-9123

W

[15 cent 1 gm

Metals and Alloys (Per address)

H. W. Highriter

31 Kg. KUF5

Katanga

Uranium - Fe (60%)

Central Trading Co

511 5th Ave (43rd St)

Mr. Raymond Luber

Va 3-5954

U_3O_8 X 2.65 / lb.

A. G. Muckay

198 Broadway

Room 504

Mr. King

Winn Mo 2-6900

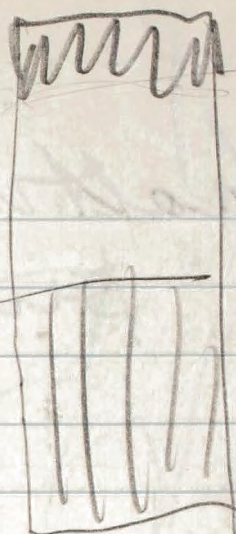
Mr. Kearney Radiation Corp

Kran Metall

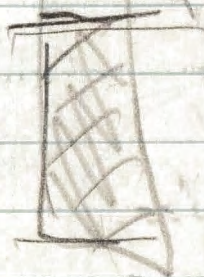
General Chem. Co

Wh 4-2220

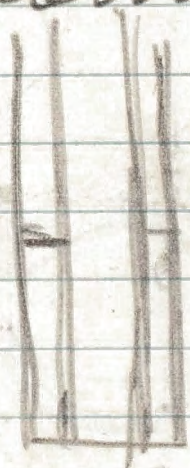
40 Reector Street
N.Y. Co



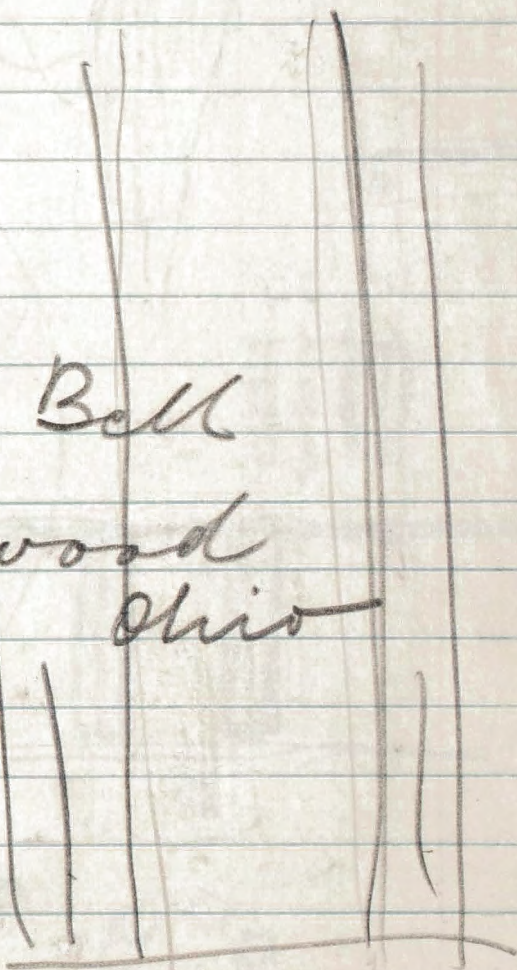
10 in



Coleman & Bell



Worwood
Ohio

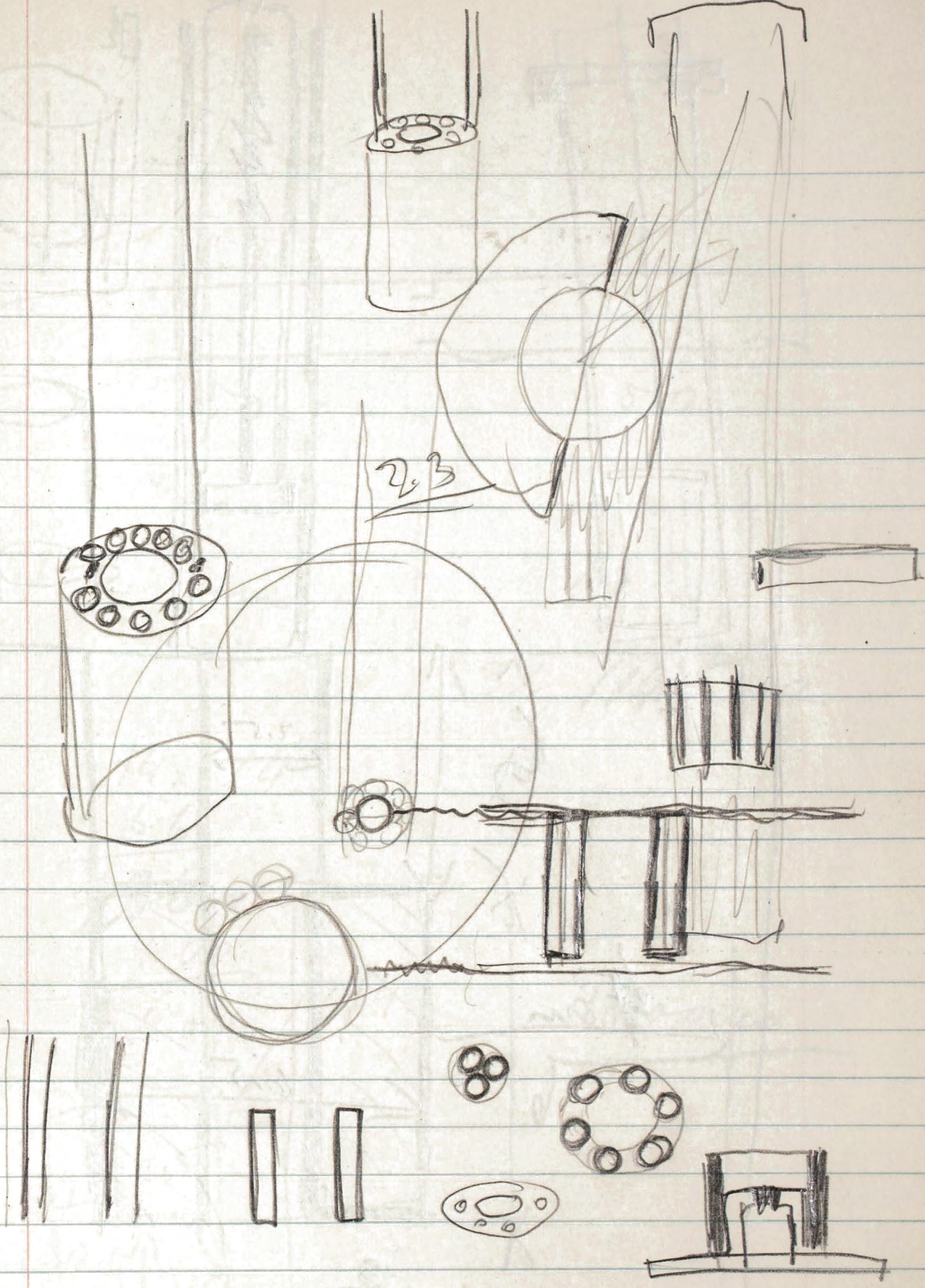


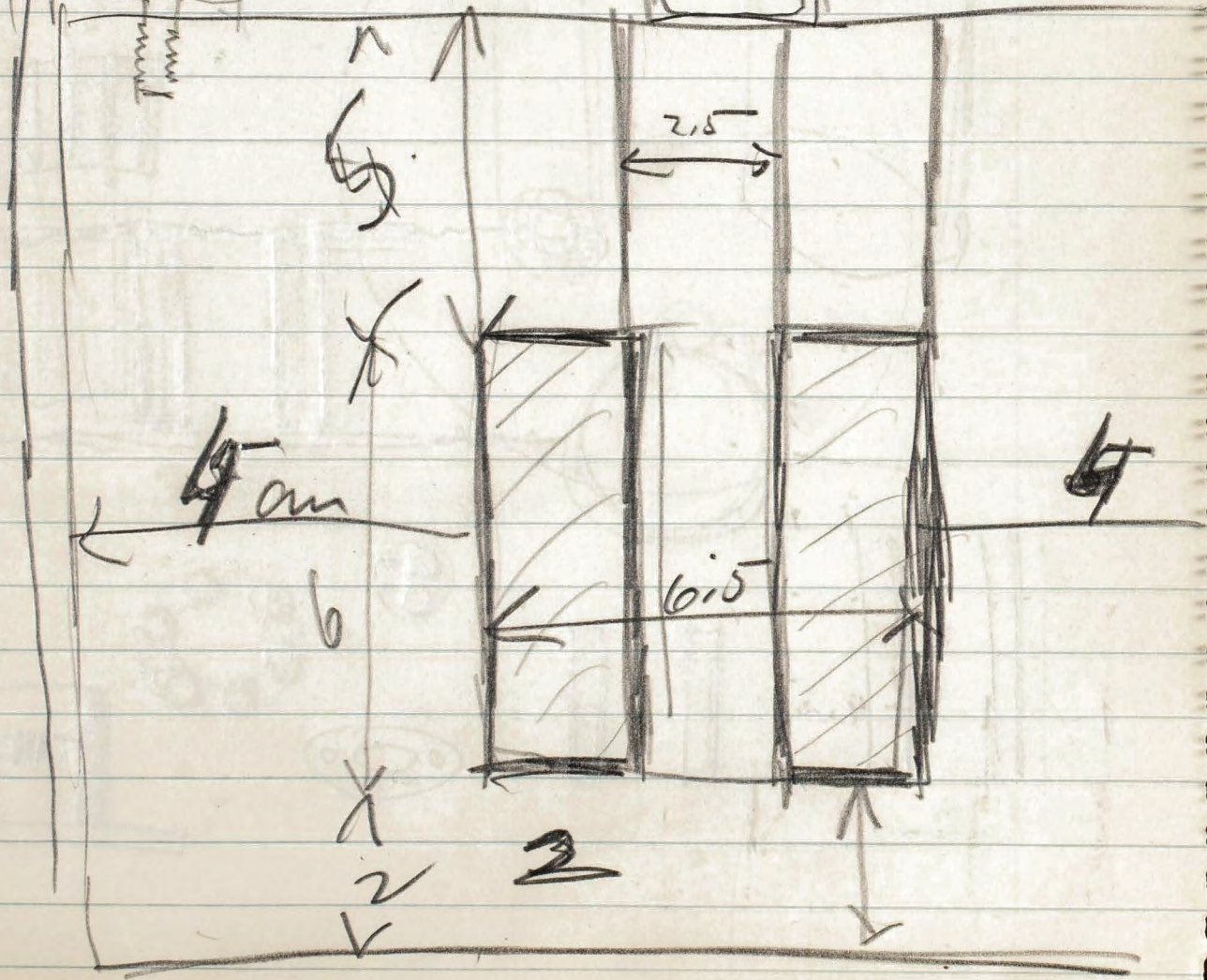
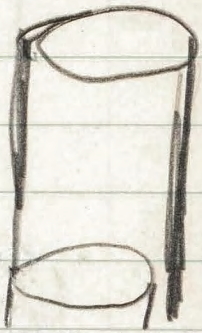
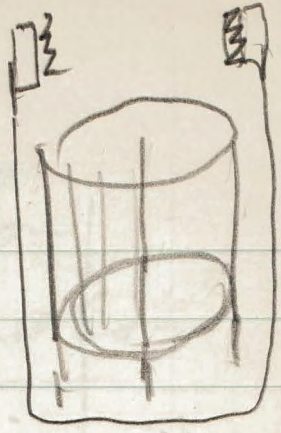
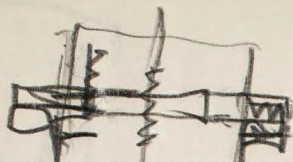
Harshaw Chemical Co

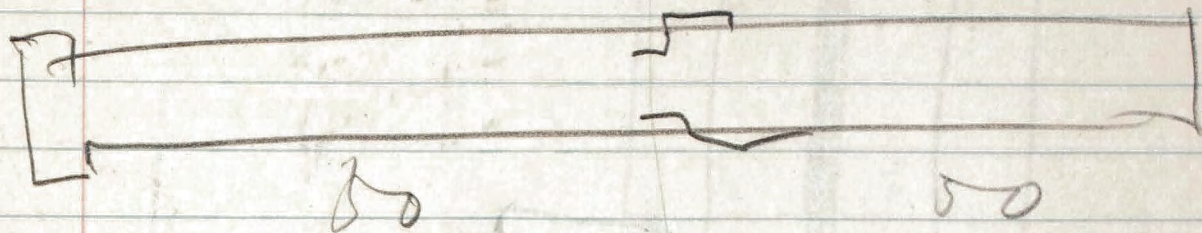
1939 E 97 St.

Cleveland Ohio

Shattuck Chem. Co
Denver, Colorado







12 cm

14

$$\frac{3}{4} (14)^2 \cdot 12$$

$$14 \times 14$$

$$\underline{56}$$

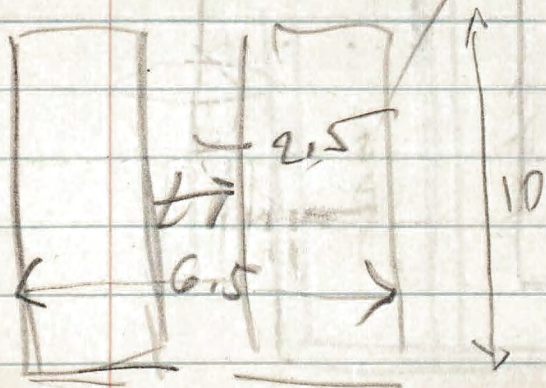
$$200 \times 12 =$$

$$\underline{400}$$

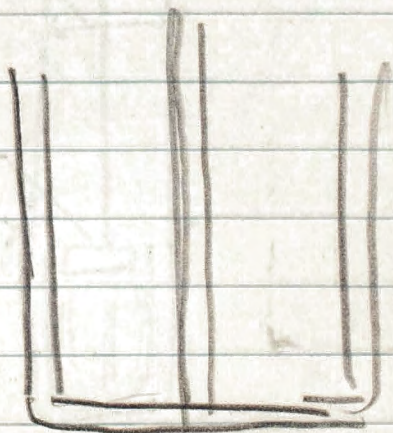
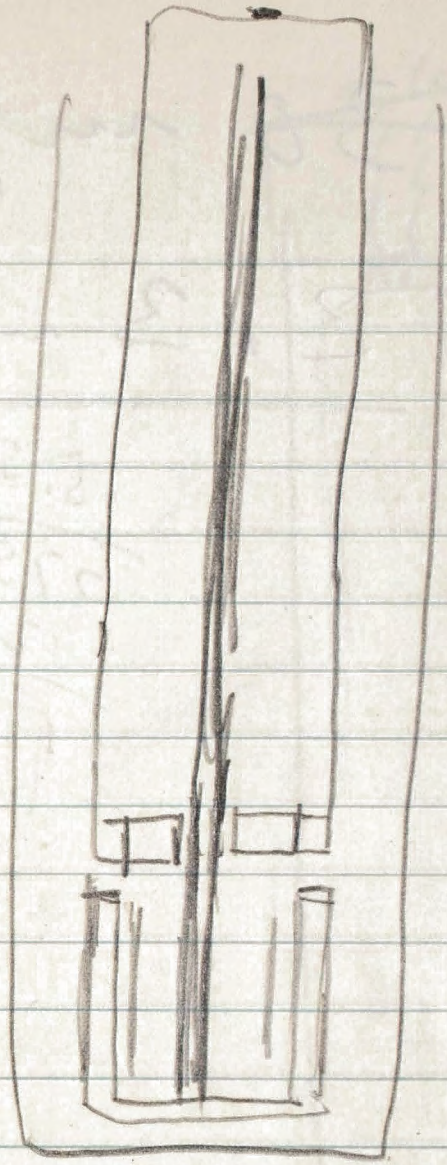
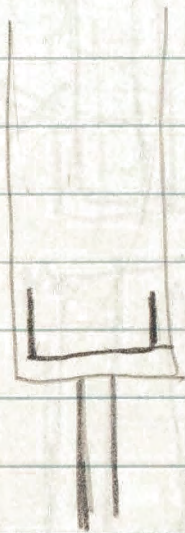
$$2400$$

$\frac{3}{4}$

$$\underline{1800 \text{ cc}}$$







30 ml

2.3 ml / m



$$\begin{array}{r} 5.5 \times 5 \\ \hline 275 \\ 275 \\ \hline \end{array}$$

11.5

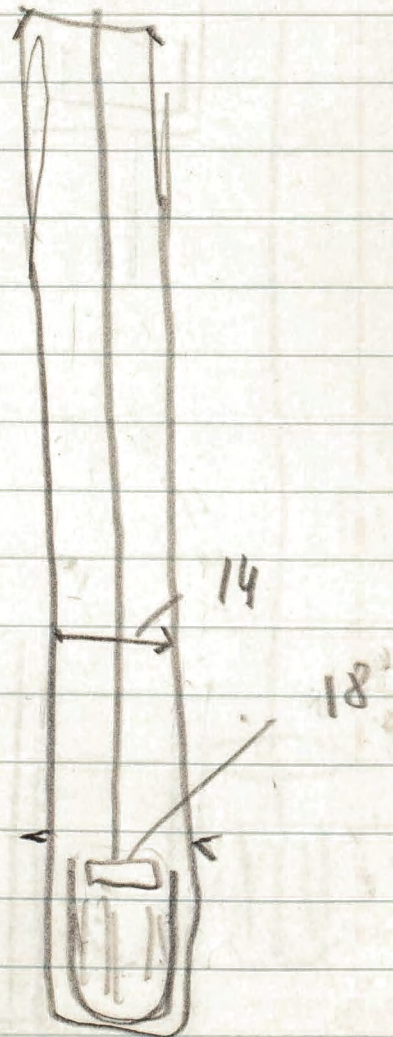
3.025

2 ml / m

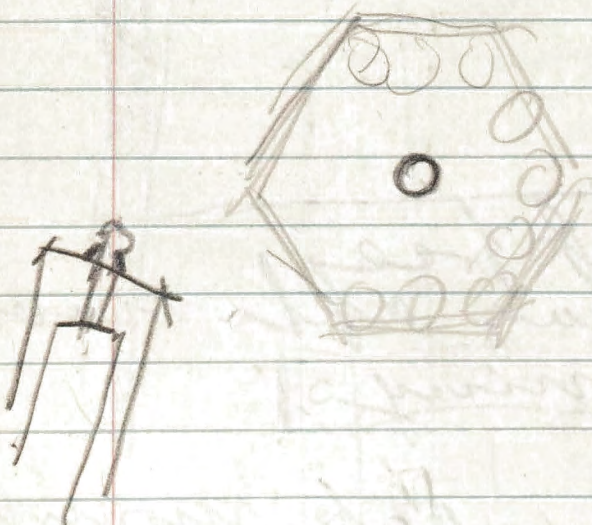
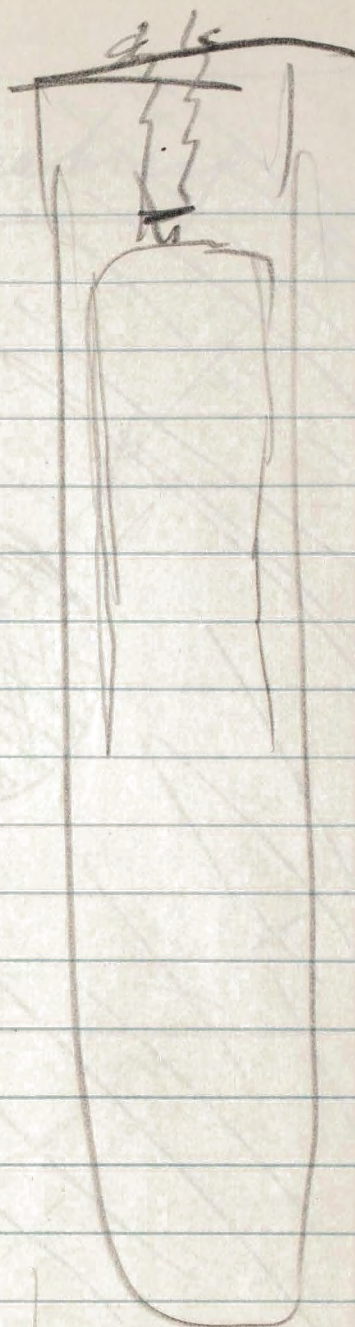
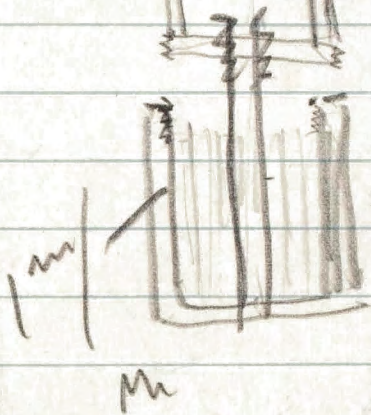
13.5

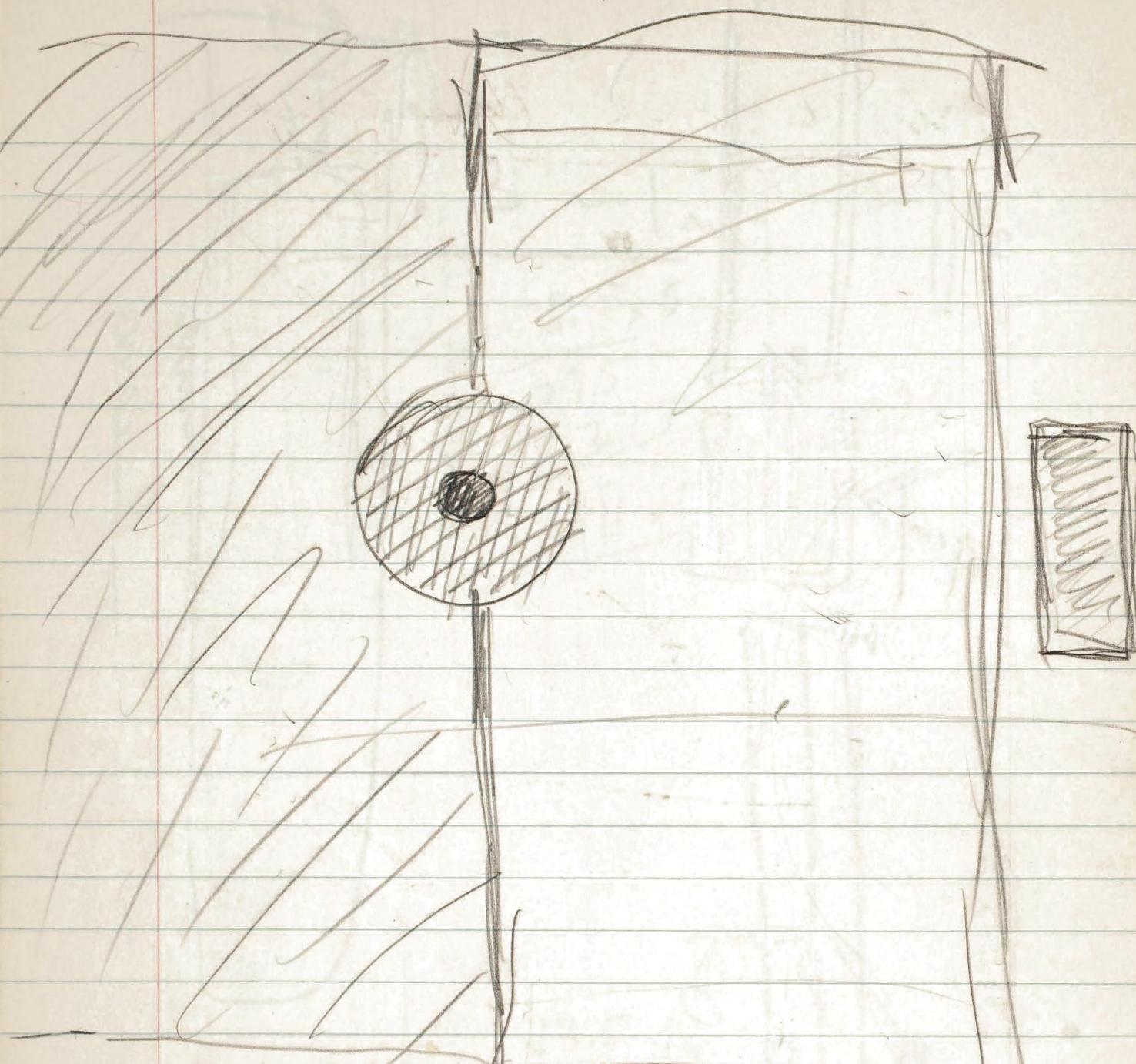
2.3 x 5

$$\begin{array}{r} 2.3 \times 5 \\ \hline 10 \\ 1.5 \\ \hline 11.5 \end{array}$$



30

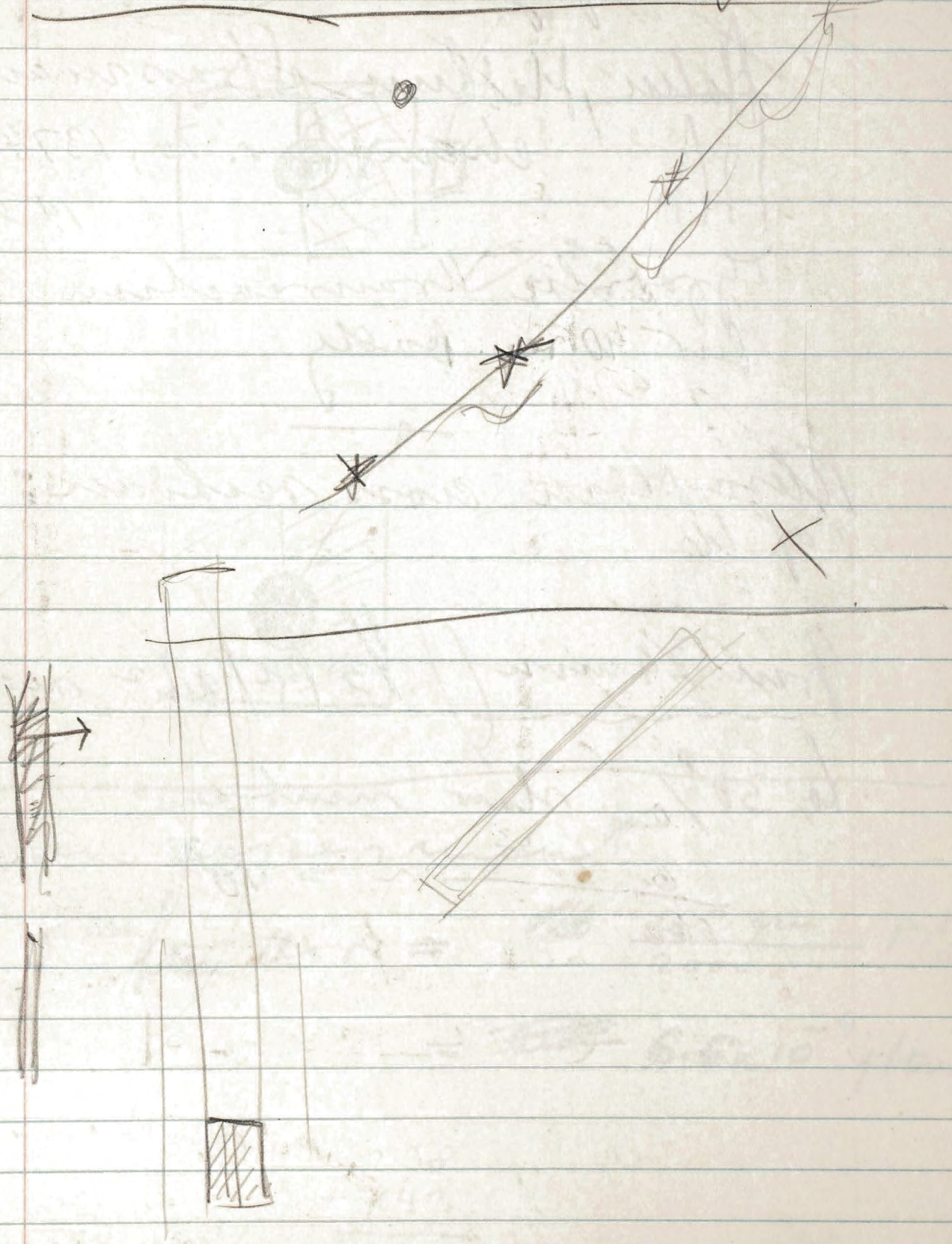




-24
 6.00 } not free
 Friday afternoon
 morning

10 -24
 Sat. morning
 free all afternoon
 except Friday

Febr 22nd Meeting



Plutocrydy

Kalce, Madhu, Spasman
chem. Ber. 70, 1374

1937

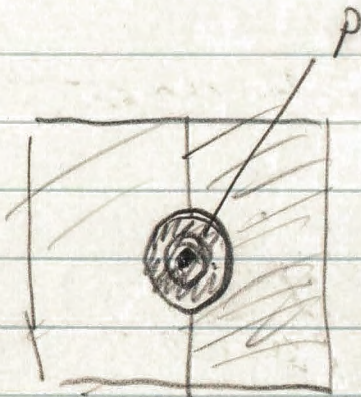
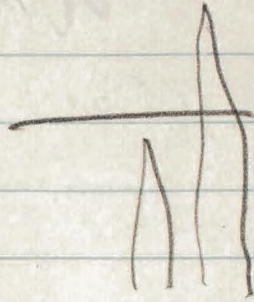
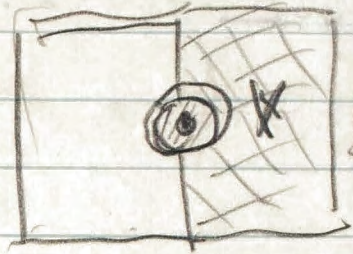
Typische Uranreaktion
für 40 sec. body

Uranplatan cross section:
of U

from 24 min ($\frac{1}{3}$ $\mu\text{m}/\text{cm}^2$ reduces

to 30% slow neutrons

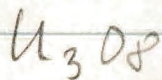
$$\frac{6 \cdot 10^{23}}{660} \sim = 10^{20}$$



Lim. experiment

$$5 \frac{\text{mm}}{\text{mm}} \text{ air} = \frac{1.33 \text{ gm}}{2000} \frac{\text{gm}}{\text{cm}^2}$$

$$= \text{~~0.66~~} 6.6 \times 10^{-4} \text{ g/mm}$$



$$\begin{array}{r} 80 \\ 48 \\ \hline 128 \end{array} \frac{1}{3}$$

$$\begin{array}{r} 238 \\ + 43 \\ \hline 281 \end{array}$$

$$U^{235} + 10008 = U^{235} + 5 \text{ million}$$

[Faint, illegible handwritten notes and diagrams are visible in the background of the page.]

Uranium sulphate
A. von Groene

P 10° C 94% löslich
in 100 cc CS₂ (2)
gelber P

Benzol 3% bei 20° C
Verfärbung at, Stannsäure
Ammonium acet

Thorium // Now. Swed. Kungl.
Urat, Eskmansson, USA. / N.C., S.C., Texas
Idaho, Wyo., Colorado, Canada
Thorit, monardit Sand

The
metall } Wardsing Light of Chemical Co
West Chicago,
Platz of Banner N.Y.C.

The Dr Harrison Manufact. Co
Rahway N.J.
Wardsing Light of Chemical Co
West Chicago

praktische Th. Kochsalz 11.3 bis 12.6
sp 1842 C°
ThO₂ praktische 9.5

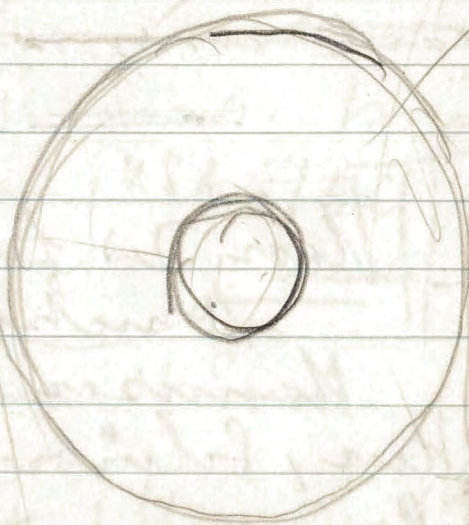
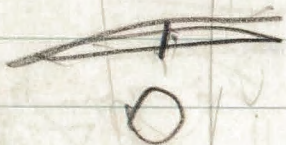
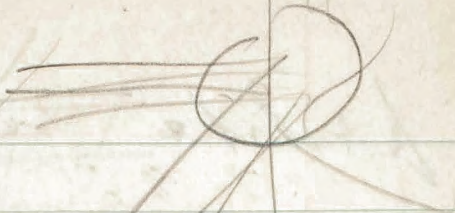
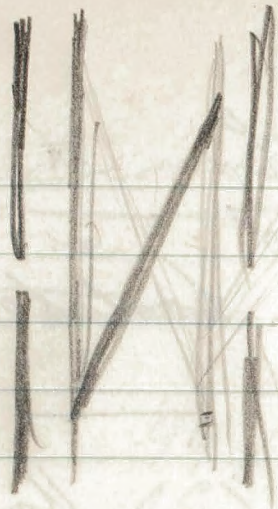
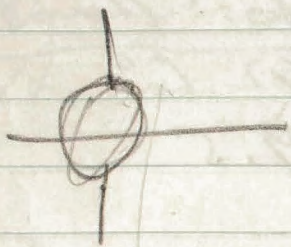
Spezifische Wärmereaktion

begegnet selbst über Essigsäure
Na, UO₂ & Salze

in stark essigsäurer Lösung

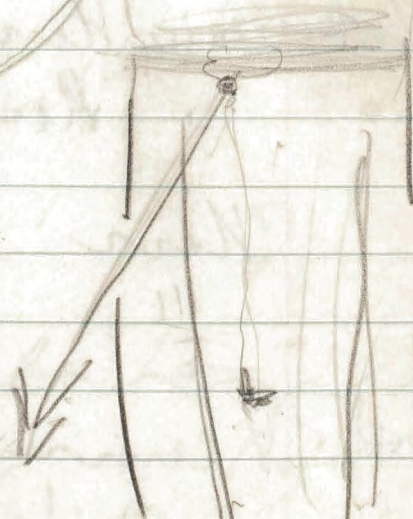
f. Herz | Herz 2. f. P 79, 108, -32
Ortschaftler " 700 "
Hansen " 82, 589 - 33
Hansen Herz, Schütte " 90, 703 - 34
Herz " 91, 810 - 34
Herz Nat Wiss 20, 493 32
" " " 21, 884 33

Prof. Klemm f. P. Herbel
2. f. Phys. Chem.
U76 kann Helium?



12 12 12

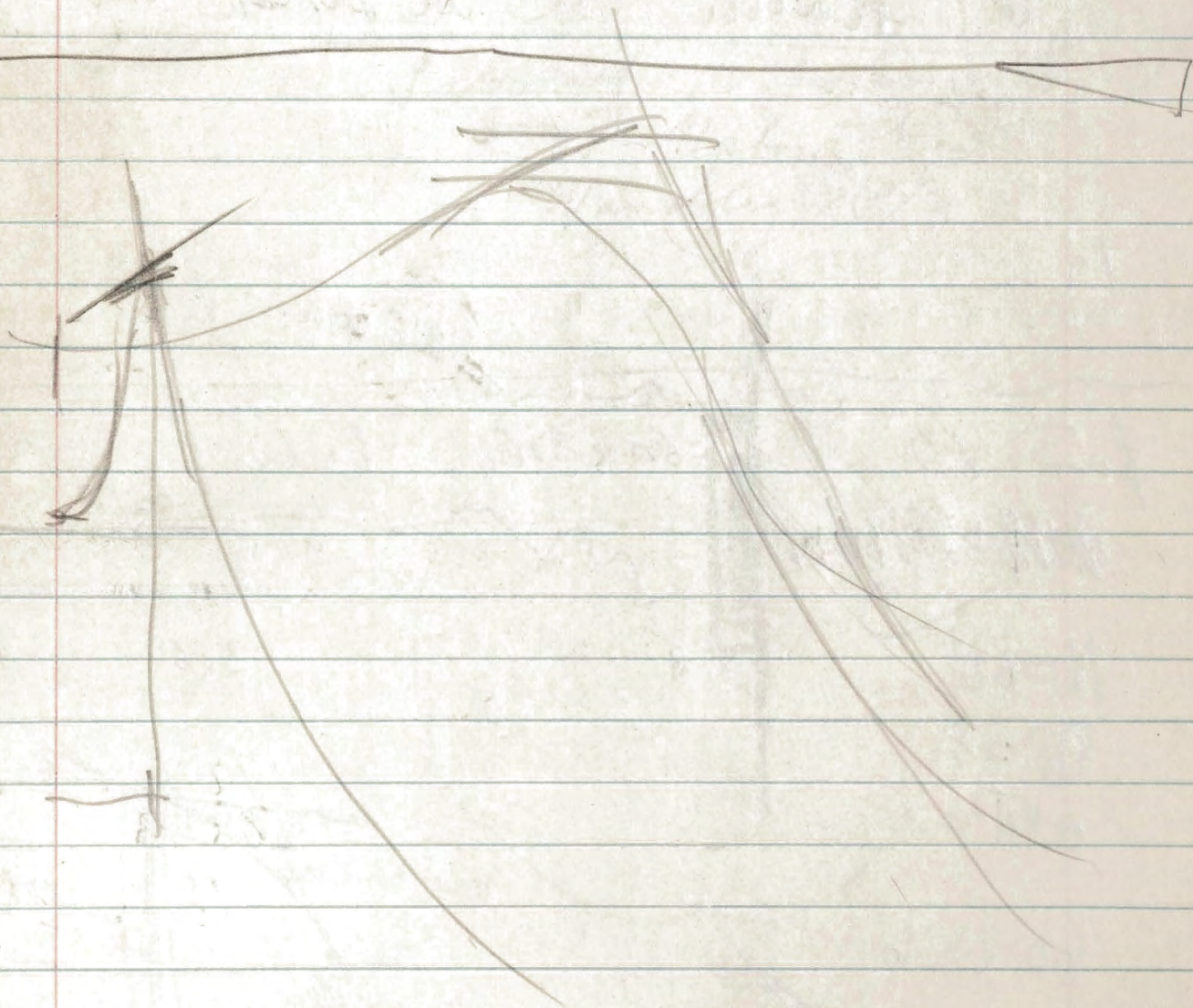
12 12 12



George Wood
Assessment

A. J. Allen Phila
Beving 3901

Postal: Swarthmore 271



~~Phylogeny~~
 1) Publications

2) Experiment Time Red

3) " large

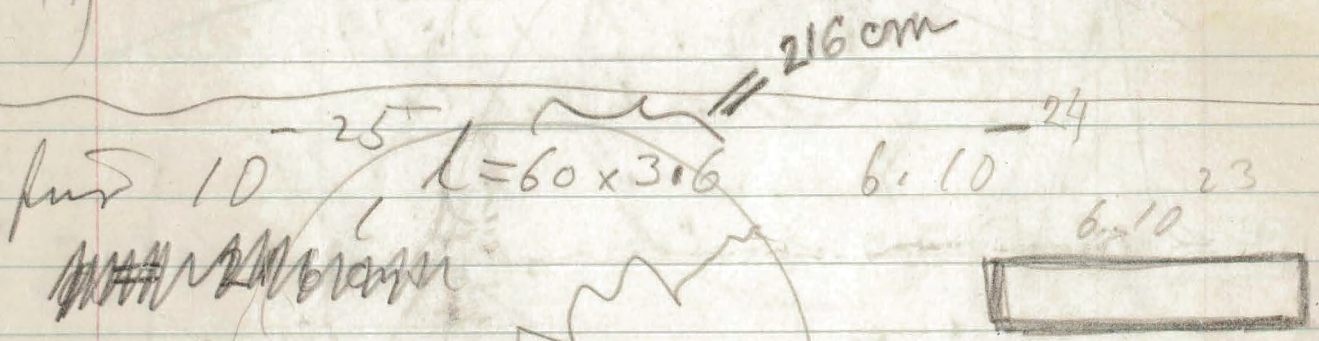
4) Patent

5) Admire

6) Glider to be taken out



1)



per 10

$$l = 60 \times 3.6$$

6.10

24

23

6.10

$$N = 60$$

$$\sqrt{N} = 8$$

$$a\sqrt{N} =$$

$$60 \times 3.6$$

$$\frac{216}{8}$$

$$a\sqrt{N} =$$



3.6

$$\frac{240}{20 \times 3.6}$$

$$\frac{12}{3.6} = 3.6 \text{ cm}$$

Ladenburg

Prof. F. H. H. H.

From State College
State College Penna

Prof. Lucius Bryson

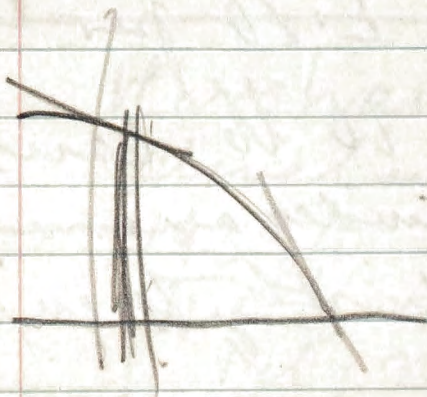
Durham

Durham North Carolina

Salvatore Washington D.C.

2951 Ashton Street

Woodley 2813



Uranium oxide

du Pont letter Feb 24th

Black Uranium oxide

U₂O₅ 98.69

Yellow oxide

U₃O₈

1.80

not pure !!

Fe₂O₃ 0.49

Al₂O₃ 0.23

~~Traces~~ ~~the~~ ~~±~~

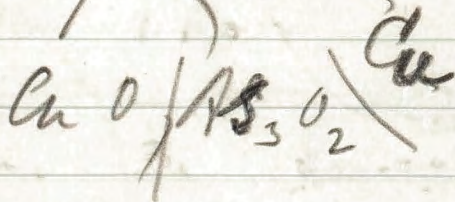
H₂SO₄ 0.21

2 Soda 0.27

15% 0.45

No moisture 100.34

Traces



1.70 per lb
in 10 lb cans

powder average
density 4 gm/cc

Aluminum
oxide
yellow
oxide

Alkali

Utah
Colorado

Wagon Manufacturing
Co. Pittsburgh Penna
Columbian Station

Shellock Chemical Co
Denver Colorado

Colwell Street Manufacturing
Co., St Paul, Minn.

Belmont Rinsing and
Refining Co. 330 Belmont Ave
Del: Dickens 24900 Brooklyn

Large Dealer:

Marshaw Chemical Co
Cleveland Ohio

1939 E 97th Street

New York Office, 405 Lexington
Del: Murray Hill

6-1913

U-Medall

Vitro

and Medall Hydrides

Minors Paul Kerusch

~~see Kupferstich~~
~~Handb. d. Mineralogie (Thales Tafel, 1886)~~
Heft Uran, Vanadium, Radium
Band 17 F. Enke Verlag, Stuttgart
1937. —

2700 ³⁰ ~~taunen~~ trace in Utah of Colorado
of Tyson County
2730 taunen 3% eyes
Erie.

Big Book, America only
all metals, Wagner

~~W. S. Allen~~

[48h]

Central Trading Co

Black oxide:

99.52 U₃O₈

Si 0.44

loss on ignition 0.04

2.65/lb

~~#115~~ Orange Uranate

U₃O₈ 83.91

Mo 3.43 3.60

SO₄Na₂ 0.33 2.46

CO₂ 1.90 CO₂Na₂ 1.54

Fe₂O₃ 0.14 0.24

Al₂O₃ 0.25 0.11

cl traces traces

#1155 - #115

1) Rubber | 2) Jimmy Whitaker, | Large
Rubber | | + Seale
| | | Whitaker

Yellow S. made

84.85

2.2

1.35

CO3Kuz 1.67

0.15

0.38

Trussell

Go to B. F. Drakenfeld, Co
47 Park Pl

(Musselrow)

Radium Co at Colorado Denver
Harry Payne Whitney

Standard Chem. Co Pittsburgh

200 tons ore 1 yr 40,000 lb
6 to 10% U_3O_8
20 tons 1 yr
240 tons

20-30 yr than Pfizer Kuba

5 Ton 20,000

Mr. Whitehurst (Chemist) plot
29 ~~St~~ von Bremer 30. Irving Pl.
Whitehurst Research Inc. N.Y.C.

Dupont (Canadian)
no moisture

U_2O_5 98.69%

Traces CuO , CuO

from Oxide #12

Aluminum

0.49

0.23

ASO

Soda 0.27

H_2SO_4 0.21

Si 0.45

14 lbs.
Lexington
Ave, Palmyra

~~Wt~~ ~~Wt~~ Pellorovaksia

Daten aus 1915 ; Gesamtgewicht
geschätzt auf 130 gm Ha
mit 10 Tannen u / per gm
1300 Ta

P. kugel 30 gm

Rurda

Turkerkan 20 gm
(1420)

Kabanga
Christalopwe(?) ~~Wt~~ ~~Wt~~ ~~Wt~~ 600 gm
etc
etc
etc

Agar Agar

Agar-agar 1/Teil auf 500
~~in Wasser~~ $\text{pH} \approx 8$ Wasser
alkalisch

MIT
Harmon
Park

~~MIT~~

Wash
Rock
Wolke

Am Arden

Bresch

Proutland

Amnell

1 N.Y.

Wolke

1 N.Y.

Imogene

~~Amnell~~

Blaugwagner

Julius Hauptmann

Chicago

Flora

Frank

John

Blackett

Shepherd

Lawson

Kupser

Habel Man Washer

Muscle 130 Ph

8 + 0.5

10 p A

150 Curde

LESSON SCHEDULE

SZILARD

LEO

DATE

--	--	--

FAMILY NAME

GIVEN NAME

SECTION	ROOM									
	MON.	RM.	TUES.	RM.	WED.	RM.	THURS.	RM.	FRI.	RM.
1										
2	Reading									
3										
4										
5										
6			Writing							
7										
8							Arithmetic			
9										
10										
11										
12										

FEDERAL MONEY		ENGLISH MONEY		FRENCH MONEY	
10 cents (c) make	1 dime	4 pence	1 penny (d)	100 centimes make	1 franc
10 dimes	1 dollar (\$)	12 pence	1 shilling (s)	30 grammes	1 drachm (dr)
10 dollars	1 eagle	20 shillings	1 pound (£)	8 drams	1 ounce (oz)
		21	1 guinea	12 ounces	1 pound (lb)
100 francs make	1 franc	1000 grammes	1 kilogram	1000 milligrammes	1 gramme (gr)

AVOIRDUPOIS WEIGHT		METRIC SYSTEM		APOTHECARIES WEIGHT	
16 drams (dr) make	1 ounce (oz)	1.0936 inches (in.) make	1 centimeter (cm)	30 grains (gr) make	1 scruple marked (℥ʒ)
16 ounces	1 pound (lb)	39.37 inches	1 meter	3 scruples	1 drachm (dr)
45 pounds	1 quarter (qr)	6213 feet (ft.)	1 kilometer	8 drams	1 ounce (oz)
4 qrs. or 100 lb.	1 hundred weight (cwt)	1550 sq. m.	1 sq. meter	12 ounces	1 pound (lb)
20 hundred wt.	1 ton (T)	2.471 acres	1 hectare		
		33,140 sq. feet	1 sq. meter		
		1.05 liquid quarts	1 liter		
		2 bushels and 3.35 pecks	1 hectoliter		
		15,432 Troy grains	1 gram		
		2,204 avoirdupois	1 kilogram		

TROY WEIGHT		SQUARE MEASURE		PAPER MEASURE	
24 grains (gr) make	1 penny weight (wt)	144 sq. inches	1 sq. foot	24 sheets (sh) make	1 quire
20 penny weights	1 ounce (oz)	9 sq. feet	1 sq. yard	20 quires	1 ream
12 ounces	1 pound (lb)	272.4 sq. ft. or 306 sq. yds.	1 acre	10 reams (r)	1 bale (ba.)

LONG MEASURE		SQUARE MEASURE		SOLID OR CUBIC MEASURE	
12 inches make	1 foot	144 sq. inches	1 sq. foot	1728 cubic inches	1 cubic foot
3 feet	1 yard	9 sq. feet	1 sq. yard	27 cubic feet	1 cubic yard
6 feet	1 fathom	36 sq. feet	1 sq. rod	24 cubic feet	1 cord of wood
5280 feet	1 mile	272.4 sq. ft. or 306 sq. yds.	1 acre	36 cubic feet	1 perch of stone
69 poles	1 furlong	40 sq. rods	1 rood	128 cubic feet	1 ton of wood (pile 8 feet long, 4 feet wide and 4 feet high, there are 128 cords)
8 furlongs	1 mile	4 roods or 160 sq. rods	1 acre	2 cubic feet	1 bushel of coal or brick is 16 1/2 feet long, 1 1/2 feet wide and 1 foot high.
1 mile	1 league	4840 sq. ft. or 4840 sq. yds.	1 acre		
69 1/2 miles	1 degree	640 acres	1 sq. mile		

DRY MEASURE		LIQUID MEASURE		TIME MEASURE	
2 pints (pt) make	1 quart	4 gills	1 pint	60 seconds	1 minute
8 quarts	1 peck	3 pints	1 quart	60 minutes	1 hour
4 pecks	1 bushel	4 quarts	1 gallon	24 hours	1 day
36 bushels	1 chaldron (ch.)	3 1/2 gallons	1 barrel	7 days	1 week
		2 bbl. or 60 gals.	1 hogshead (hd)	365 days	1 common year
				366 days	1 leap year
				100 years	1 century

MISCELLANEOUS DENOMINATIONS		
12 units	1 dozen	106 lbs.
12 dozens	1 gross	200 lbs.
12 gross	1 great gross	280 lbs.
20 units	1 score	27 lbs.
56 lbs.	1 cask of butter	48 lbs.
100 lbs.	1 quintal dried salt fish	56 lbs.
100 lbs.	1 cask of raisins	70 lbs.
		1 bbl. of flour
		1 bbl. of beef, pork or fish
		1 bbl. of salt at the N. Y. State Salt works
		1 bushel of oats
		1 bushel of barley
		1 bushel of corn or rye
		1 bushel of wheat