

Herling 50-8 Dail
9-30 P.M.

$10^{\circ}40' - 20^{\circ}$ alt $19^{\circ}52'$

1-39-50 " " "

23-79-40

11-69-65

12-10-5

Aug. 29, 1916.

#21



19714

AM67.1146

Time	alt
5 ^h 30 ^m 32 ^s	10° 54'
5 32 25	10 48 30
5 34 15	10 42 30
5 35 30	10 38 30
5 36 34	10 36
5 37 44	10 32
5 38 46	10 28 30
5 40 17	10 24 30
5 42 ✓	10 20
5 42.55	10 17

Aug, 29, 1916

Burrell's Press
 Clipping Bureau
 Lafayette & Market St.
 New York City

No 1	100 - 2	
No 2	50 - 16	S.E.
3	100 - 32	
4	100 - 32	
5	50 - 16	
6	" "	
No 9	Gaffes Islands	
	Bright half lens 50-16	
Little Arch Cliffs	75 - 22	

Glacier 75-12
Liond 100-16
Liond 50-16
With half lens

Platte River delta

50-16
Liond 100-16 exposed
" 100-16
Ah-nar-duah 100-16

Liond Plate Green $\frac{1}{2}$ sec
stop 32

Green 4 1 sec smallest

Sun 200-16
Sun 200-22
~~Hand~~ Cafe 50-16
Liond 50-11

Ob. bloo. yach - pale

Bright sun time 4-15

line $\frac{1}{2}$ stop W
" 1 " W
" 1 " "

Ce-say-yon 403

1 sec sun 11

404
Side $\frac{1}{2}$ W

warler $\frac{1}{2}$ W

Els $\frac{1}{2}$ W

Living water 1 sec 8 stop

Kardale 1 see W

Reals

W 0 High Hill 1 - 5
W 0 Glacier 100 - 32

Portraits on small
50 - 11

Ge. Lay - 00 50 - 8

Bright

Green H 50 - 8
S 50 - 16

~~Ge. book ab. 50 - 6~~
~~50 - 11~~

~~Always - ab.~~

~~Green E 8 41~~
~~50 - 11~~

~~Green B 50 - 16~~
~~" A 100 - 16~~

~~Green C 100 - 16~~
~~D 50 - 11~~
~~100 - 16~~

~~Group 0 50 - 11~~
~~" 0 50 - 11~~

~~Boat 1/2 50 - 16~~
~~House 2 50 - 16~~

Snafley

215-11

11 0' Clock

11-15-

11-30

11-45-

12

12-15-

12-30

12-45-

1

Ptali Camera

200-16

~~11-3~~

~~11-18~~

11-33

11-48

12-3

12-15-

12-18

12-33

~~12-48~~

1-3

Camera Down

Chro. 10^h 30^m
 Watch 10 - 29 - 29

Aug. 30, 1916

at 10^h 8^m 30^s 18° 54'

Chro 10^h 18^m
 Watch 10 - 18 - 31

at 2^h 5^m 5 18

14	5	5	}
10	8	30	
2	24	13 35	.
	12	4 - 47	

Aug. 31, 1916

Chro 10 - 7
 Watch 10 - 7 - 31.5

at 10-14-55 Ω 18° 35'
 .. 14-3-45 Ω
 2 | 24-17-100
 12-8-80
 12-9-10

Time	Ω	act
5 ^h 29-35		10° 12.30
5-32-30		10 4
5-33-30		10 50 30
5-34-28		9 58
5-36-18		9 52
5-37-25		9 44
5-38-30		9 45 30
5-40-20		9 40
5-41-30		9-38-30
5-42-33		9-35

5-45-53

9-25-30

5-47-30

9-20

Sept- 1, 1916

Chrs 10 17

Watch 10 17 31.5

10-19-53

137

13-58-20

130

2) 23-77-70

11 68 65-

12-9-5

alt. 18° 21'

4-30-30

12-43-30

31-30

41-30

32-14

38-30

33-10

26-00

34

33-30

34-45

31-00

35-35

29-00

36-30

26-30

37-35

23-00

38-32

21

Sept- 5, 1916

Chro 9-37
Watch 9-36-55

at 9-33-5 alt

Sept. 6, 1916

Chro 9-48
Watch 9-47-57

9-43-57 Q 15° 36'
2-28-25 Q 15° 36'

Temp. 27.6
Bar. 29.44

Sept- 8, 1916

Chro
Watch

Sept- 11, 1916

Chro. 2 m s
4 43
Watch 4 42 25.5

Time	<u>Q</u>	Alt
4-48-59		9° 1' 30
4-50-26		8-57-30
4-51-55		8-53-30
4-52-47		7-50-30
4-54-20		7-46-30
4-55-5		7-44-30
4-56-1		7-41-30
4-56-		

Time

4-57-41

4-58-34

4-59-34

5-00-29

7⁰ 37

7-34-30

7-31-30

7-29-30

Sept. 13, 1916

Chris

8^h 40

Watch

8 39 26

Time

Oct

Time

8-45-15

Sept. 17, 1916

Chro 4^h 18
Watch 4 18 9

Watch @ alt

4 ^h 21 55	6-42-30
4-29-1	6-39-30
4-29-37	6-38
4-30-17	6-36
4-31-27	6-32-30
4-32 9	6-30-30
4-32-89	6-29
4-33-25	6-26-30 ?
4-34-12	6-25
4-34-50	6-23
4-35-37	6-21
4-36-14	6-19

Sept 19, 1916

Chro 9 32
Watch 9 32 4

Temp. 17.3 Bar 30.20

Time	@	Alt.
9-38-58		10 43
9-40-47		10 48
9-43-17		10 51
9-44-18		10 52 30
9-45-39		10 55

Chro 4-4 Watch 4-4-4
Temp 32.0 Bar 30.12

4-8-42	@	6-46-30
4-10-25		6-36

Bar 29.90
Barograph 30.18

Sept. 26, 1916

Chro 9-38
Watch 9-38-10

Time	Alt <u>⊙</u>
10-56-17	8-30-30
10-00-10	8-23-30
10-1 55	8-27-30
10-3 52	8-33
10-5 42	8-34-30

Oct. 4, 1916

A.M.

Chro 9-45
Watch 9-44-20

Time	Alt <u>⊙</u>
9-48-39	5° 25
9-50-19	5 27 30
9-51-37	5-25
9-53-24	5-33
9-54-20	5-34-30
9-55-16	5-36
13-57-4	
13-58-4	
13-59	
14-4	

Dec. 10, 1916

Chro.	2	12	60
Watch	2-12-24		
" Slow			36 ^s

Meridian Passage Altair 2^h 31^m

	3	59	60
Alt.	<u>3 39° 40</u>		
	20° 20'		

P. & R.	2'	28"
Bar		1
		<u>20</u>
P. & R.	- 2' 49"	

alt	20	20	00
		2	49
	<u>20° 17' 11"</u>		

Z	69	42	49
D	8	38	44

Pat. 78 21 33

Sat. Dec. 16

alt 339° 40' = 20° 20'

Time 7-55-30

Chro.	8 ^h	8 ^m	00 ^s
Watch	8	8	2

Watch fast 2 Sec

alt Jupiter	20° 20'
Time	7 ^h 55 ^m 27 ^s
Ther.	10.31
Bar	30.38

Aldebaran

Dec. 19, 1916

Alt $18^{\circ} 28' 3'' 30''$

Time $10^h 33^m$

Chro.	10	53	60
Watch	10	43	40
Watch slow		10 ^m	20 ^s

Time $10^h 43^m 20^s$

Obs. alt	28°	$3'$	$30''$
Corr -		1	53
h	28°	$1'$	$36''$
Z	61	58	24
d	16	20	36.31
L	78	19	00.31

P & R. $1' 41''$

Bar. 30.46	+	1
Ther - 53'	+	11
Corr.,	-	1 53

R.A.M.S.	$17^h 43^m 40^s$
Long.	47.7

R.A.M.S. $17^h 44^m 27.7^s$

L.S.S. $4 31 10.35$

Sid. Int $24 1$

Dec. $28 31 10.35$

R.A.M.S. $17 44 27.7$

Sid. Int $10 46 42.650$

Red. - $1 45.947$

L.M.S. $10 44 56.703$

Chro. Time $10 43 20$

Chro. Slow $1 36.703$

Dec. 22.

Aldebaran

R.A. $4^h 31^m 10.358^s$

alt. $28-3-30$

Time

Pullatny

$5-20-40.7$

Altitude $17-48-1.5$

$359 \quad 59 \quad 60$

$17 \quad 41 \quad 1$

$342 \quad 18 \quad 59$

S. $5-18-38$

M. 3. $11-12$

360

342

180

alt. 18^0

R.A. $5^h 20^m 40.7^s$

Time 3. $5 \quad 18 \quad 38.$

Watch slow $2^m \quad 2.7$

Dec. 24

Chro $4-31$

Watch $4-30.20$

Watch slow 40^s

Marhab $23^h 00 \quad 37.$

alt. $26 \quad 26$

$359 \quad 60$

$26 \quad 26$

$333 \quad 34$

Aldebaran

$331^{\circ} - 56' - 30''$

Chro. 9-48
Watch 9-48-31.5

Chro. 9-55 00-0
Watch. 9-54 31.5
Watch slow 28.5

R.A. 4-31-10
Transit 4-31-30

Mean time 10-15-10

Alt.	359	60
	<u>331</u>	<u>56</u>
	28	4

Chro
W

Chro	10-41	00
Watch	<u>10-40-33</u>	
		27.
		<u>28.5</u>
		27.7

Watch slow 28 sec

Vega

Dec. 25, 1916.

R.A. $18^h 34' 7''.694$

Alt. $50 \quad 3 \quad 50$

$359 \quad 59 \quad 60$

$50 \quad 3 \quad 50$

Transit, $309^\circ 56' 10''$

Chro $11 \quad 52$

Watch $11 \quad 52 \quad 8$

" 8^s fast.

$359 \quad 59 \quad 60$

$309 \quad 55 \quad 30$

Merid. Alt. $50^\circ 4' 30''$

Altair

R.A. $19^{\text{h}} - 46^{\text{m}} - 44^{\text{s}}.02$

Decl. $20 - 20 - 23.58$

359 59 60.00

20 20 23.58

Transit- 339 39 36.42

Chro. $1^{\text{h}} 18$

Watch $1 18 11$

" 11^{s} fast

L. eq. S. of Transit $1-31-38$

Corr. - 11

$1-31-27$

Amerid Alt. $335-37-30$

" $339-37-30$?

$335-36-30$

38.000

27.651

10.349

1-31 16.530

- 14.952

1-31 1.578

1 31 27.000

1.578

25.422

Dec. 27

Altair

Bar 30.35

Temp -28.5

Chro	1 ^h	4 ^m	
Watch	1	3	43
Watch slow			17 sec

Watch time Transit 1-23-19

Watch Slow + 17

Chro. time Transit 1-23-36

Meridian Alt. 35° 59' 60"

33° 37' 30"

Cor. 47. 481. 20 22 30

Dec. 28

Aldebaran

Bar. 30.10

Temp -29

Chro. 9-33

Watch 9-33-35.5

Watch fast 35.5

Watch time Transit 10-6-30

Alt. (331° 56') 28° 4'

Meridian Alt. 331° 57'

359	60
331	57
28	3

Vega

Dec. 29. 1916

Bar.

Ther.

R.A. $18^{\circ} 34' 7.694$

	359	59	60
alt.	50	3	50
	309	56	10

Chro	11	41	
Watch	11	42	8
Watch fast		1 ^m	8 ^s

Chro	1	24	
Watch	1	25	12 7.5

359	59	60
309	37	30
20	22	30

1 19 50

36-54

Chro 9-45
~~9-43-30~~
 Watch 9-46-17

10-3-20

359	59	60
331	-56	-30
28	-3	30

Dec 30

Allair

Chro	159	60
Watch	100	39
	59	21

	1100	
	100	39
Watch slow	21	^s

1 ^a	14	28
359	59	60
339	37	30
20	22	30

Markab

3 59 59 60

333 - 33 - 59.6

23 26 1

Chro 4-27 00.00

Watch 4-27-11.5

Dec 31, 1916

Alpheratz

R.A. 00 4^m 5.642

act. 319 - 40 - 34.01

Chro 5-23

Watch 5-23-12

Watch Time Tran. 5-30-59

359 59 60

319 39 ~~35~~

40 20 ~~45~~

Chro 9-48

Watch 9-48-12.5

9^h 57^m 8^s

359 60

331 56

28 4

Dec. 31, 1916
Betelgeuse

Chro 11 26
Watch 11 26 19.5
" fast 19.5

Transit- ^a 11 - ^m 16 - 19^s

359 60
340° 50
19 10

359 59 60
340 00 50
19 59 10

Vega

Jan. 1, 1917.

Chro 11-25
Watch 11-25-10

359 59 60
50 3 50
309° 56' 10"

^a 11 ^m 45 ^s 1

359 60
309 36
50 24

11-50
11-50 10

Altair

Jan. 1, 1916

339-37-30 ✓

	359	59	60
Transit-	339	38	
Alt.	20° 22'		

Chro. 12 38

Watch	12	38	10.5
" East-			10.5

Watch Time Transit-12-56-47

Aldebaran

Jan. 1, 1916

L. S. 3

S. W. 4-30-46

	359-59-60
	331-55-30
Merid Alt.	28° 4' 30"

Betelgeuse

Jan. 1, 1917

359	59	60.0
19	4	3.3
340	55	56.7

K. Chro 10-51-

H. Watch 10-51-14.5

10-59-17

359	59	60
340°	52'	30"
19°	7'	30"

Vega

309°-56'-10"

	60	
359	59	60
309	36	
all-	50	24

R.A. 18-34-7.694
Time Jan. 18-34-15

Aldebaran

Jan 2, 1916

331-55-30

4-30-45
359 60
331-48
28 12

Vega

Jan 3, 1917

309 36

359	59	60
309	36	30
50	23	30

R.A. 18-34 7.69
S.W. 18-34 8.

Aldebaran Ark-Shoot
Vega Ark-Shoot-hö-dee-wah

Arh-shoot (altair)

Jan 3, 1917

339 38

359 59 60

339 37 30

xyrid alt. 20 22 30

R. A. 19-46-44.02

S. W. 19-46-4.

Kyarkhab

Jan. 3, 1917

R. A. 23 00 37.5

S. W. 23 4 50

359 59 60

333 -31 -30

alt. 26 28 30

Ardebaran

Jan. 3, 1917

331-48

R. A. 4-31-9.358

S. W. 4-35-30

359 59 60

331 57

J. R.

xyrid alt. 28 2 60

Bellettrix

Jan. 3, 1917

Chro. S. 10^a 13

Watch 10 13 8.5

" Fast 8.55

342° 14'

359 59 60

341 58 30

18 1 30

10 - 26 - 12.0

W. Fast 8.5

10 - 26 - 3.50

10 - 18 11.164

K Fast, 7^m 52.348

Betelgenx

340-57

Chro. 10 43

Watch 10 43 8.5

" 4 8.55

10 56 8

359, 60,

340 52,

19° 8'

Transit 10 56 8.0

W. 4 8.5

Chro. Transit 10 55 59.5

Vega

Jan 4.

Chro 11-17

Watch 11-17-15

" Fast 15^s

359 59 60

309 55 30

W. alt. 50° 4' 30"

Mr. J. Transit 11-37-30

W. Fast 15

Chro. line Transit 11-37-15

Altair

Jan. 4.

339-38

Chro

Watch

20-23-30

~~12-45-33~~

12-50

12-49 60

15

12-49-45

Marab

Chris 3-56

Watch 52-43

Chris. 3-52

W. 3-52-16

4-3-15

Watch fast 16

4-2-59

26-28-30

Aldebaran

28 46

4-35-20

28° 4'

Chris 9-40

S. W. 4-43-40.000

" fast 4 10.642

4 39 29.358

S.W. Trans 4-35-20

Bellatrix

17° 48 1.58

W 18° fast

10-22-25

18° 22 18
18° 1 7

Betelgeuse

Jan. 4

Alt. $19^{\circ} 9' 00$

W. Time Transit - 10 52 17

W. Fast - 18

K. Chron. Time 10 51 59

Vega

Jan. 5.

$50^{\circ} 4' 30$

Merid. 50 25

W. T. Transit - 11 33 45

W. Fast - 24⁵

K. Time Transit - 11 - 33 - 21

Altair

Jan. 5.

$20^{\circ} 22$

Alt. 20 23 30

W. T. Transit 0 46 10.0

W. Fast - 24.5

K. Time Trans. 45 45 5

Markab

Jan. 5.

26 - 28 - 30

Alt. 26 - 29

W. T. Trans. 3 59 30.0

Watch Fast - 25.5

K. Time Trans. 3 59 9 5

Aldebaran

Jan. 5

$28^{\circ} 3$

$28^{\circ} 3$

W. Fast - 28.5

9 - 29 - 7.0

28.5

9 - 28 - 38 5

Capella

Jan 5.

57 38

W. J. J.

W. F. -

28.5

Bellatrix

W. J. J. 10 18 - 30.0

W. F. -

28.5

10 18 1.5

Alt. $18^{\circ} 1' 30''$

Vega

50 4 30

Jan. 4, 1917

50 25 30

11 - 24 45

Chro 10 13

Watch 10 14 2

W. Fast

Altair

Jan. 4, 1917

20 23 30

W. J. J.

W. Slow

24.5

K. Transit

Marhab

Jan. 8, 1917

$26^{\circ} 28' 30''$

$26^{\circ} 29'$

W. J. Transit 3-46-44

W. Fast S

8.5

K. Transit -

3-46-52.5

Jan. 8

Vega

Chro	11	8	
W.	11	7	50
W. Slow			10

11 - 20 - 58

11 21 8
50 23 30

Allair

Jan. 8.

20 - 23 - 30

W. S. Transit - 0	33	20
W. Slow		10 ^s
K. Line Stan.	33	30

E. Cygni

R.A. 20 42 51.169

alt. 45° 19' 31"

B Delphini

alt. 25 - 58 - 55.61

26° 3'

R.A. 20 - 33 - 39.45

1 - 20 - 11

10
1 - 20 21

Marhab

Jan. 8.

Aldebaran

Jan. 8

28° 3

alt. 28 4 30

W. S. S. 9 16 26.0

W. S. 4.5

K. Transit- 9 16 30.5

Pollux

Jan. 8

18 1 30

W. S. S. 10 5 52

W. S. 4.5

10 5 56

alt. 18°

Betelgeuse

Jan. 8.

W. S. S. 10 35 46.

W. S. 3.5

K. Transit 10-35-49 5

alt- 19° 8'

M. V. regalis

350-25 Jan. 9

W. S. S.	11	16	38
W. S.			4 ^s
	11	16	34

11 16 38

50-25-30

50 21-30

50 22

altair

20-23-30

20-23-30

Jan. 9, 1917

W. S. S.	0	30	1
W. S.			13
	29		48

B Delphin

26

26-25

W. S. S.	1	16	50.0
W. S.			13.5
	1	16	36.5

a Delphin

27 19

27 21

Jan. 9.

W. S. S.	1	18	56.0
W. S.			13.5
	1	18	42.5

d Delphin

26 28

26 30 30

1 2 2 45.0

13.5

31.5

Marhab

~~2629~~

26 30

3 43 23

W. ♀

13.5

β Andromedae

Dec. 35-10-50

alt 46-52-50

R.A. 1-5-4.7616

W. ♂ 5 47 35

W ♀ 15^s

5 47 20

46-53-30

τ Piscium

R.A. 1-7-5.0904

Dec. 29.38 57.554

alt. 41 20 57.554

W. ♂ 3

W

α Trianguli

R.A. 1-48-20.7448

d. 29-10-40.12

alt. 40-52-40.12

W. ♂ 3

W. ♀

40° 54'

β Arietis

R.A. 1-50-3.0566

d. 20-24-10.044

$\frac{11}{32} \frac{42}{6}$

W. 15^s fast

6-32-25

Alt. 32° 8'

41 Arietis 3.7

Jan. 9, 1917

R.A. 2-45-5.6316

Dec. 26-55-9.162

Alt. 38-37-9.16

W. 3.3

W. 3.

15.5

alt-

η Dauri (Aleyone) 3

R.A. 3-42-32.8422

Dec. 23-50-57.726

alt. 35-32-57.726

W. 3.3

W. 3.

ζ Persei 2.9

R.A. 3-48-54.6362

Dec. 31-37-57.7192

alt. 43-19

W. 3.3

W. 3.

Aldebaran

28° 3

Jan. 9, 1917.

W. S. S. 9 13 8,
W. S. + 13 41.5
9 26 49.5

28 5 30

2 Jauri

R. A. 4-37-15.692
Dec. 22-47-55.352
11 42
34 29

W. S. S.
W. S.

2 Aurigae

R. A. 4-51-35.1556
Dec. 33-2-7.91
alt. 44-44

W. S. S. 9-33-35
W. S. 13 41
9 47 16
9-33 44-43-30

2 Jauri

R. A. 4-58-8
Dec. 21-28-20.444
11 42
alt. 33 10

W. S. S. 9-40-5
W. S. 13 41
9 53 46
33-11-30

Betelgeuse

Jan. 9

19° 8'

W. S. S. 10 32 28

W. S. 13 40

10 46 8

alt. 19° 8'

19-7-30

©, Hercules

alt. 40-27

40-28

10-44

13 36.4

B. S. S. 10 57 36.4

110. Hercules

alt. ~~32°~~ 9'

32 10 30

R. A. 18-42-5.32

W. S. S. 11 21 43

W. S. S. 13 36.5

11 35 19.5

Altair

20-23-30

20-23-30

W. S. S. 0 26 15.0

W. S. S. 25.5

25 49.5

2 Regasi

alt 340 8

~~alt~~ 14-43- Time

alt 36-56

Carlon

43 47

W. S. S. 12 17 5

W. 4. 25.5

alt- 43 47

A Ohinchi

24-19

W. S. S

W

μ Herculis

26

39-28

W. S. S 10 25 34

W 4- 33.5

10 25 1

alt. 39-29

θ Herculis

36

38-59

10 25 010

14 54.5

10-10-46.5

11-6-47.923

1

S Aquilae

P.A. 19-1-36

26-39

W. S. S.

W. F.

35

Θ Syrae

19-13-29, 1916

49-41

W. S. S.

W

B Cygni

19-27-22.42

39-29

Altair

46-44

20-23-30

Jan. 14, 1917

W. S. S.

0 19

50

W. F.

35^s

Colro. Transit

19

15

20-23-30

3 Piscium
Alt- 41-20

W. S. S.
W. S

10^s

A Trianguli

41-2-40

R.A. 1-48-20

B. Arietis

32-6.

R.A

1-50-3.05

i Aurigae

R.A 4-51-35.1556

Alt. 43-44

46-19

i Gauri

R.A 4-58-8

Alt. 33-10

Betelgeuse

R.A 5-50-40.68

Alt 19° 8'

W. S. S. 10-13-36

W. S +

5

Bond.

10-13-41

Pollux Jan. 15
 R.A. 7-40-14.369 (2)
 alt. 39-55

W. S. S.	12	3	38
W. S.			5 ^s
	12	3	43
	39	56	

109 Hercules
 R.A. 18-20-9
 alt. 33-25

W. S. S.	10-41-33
W. S. +	3
Bond	10-41-36
	33-26-30

W. S. S.	10-41-33
W. S. -	14 38
V. Sami.	10 26 55

θ Lyrae
 R.A. 19-13-29.1916
 alt. 49-41

W. S. S.	11-35-24
W. S.	3.5
	11-35 27.5

β Cygni
 R.A. 19-27-22.4258
 alt. 34-29

Altair

26-23-30

R.A 19-46-44

W.S.S 11^h 56

W 55 41

W.S 19^s

0 3^m 19

19

0 3^m 38

20^h 25'

Aldebaran

Alt. 28-5-30

W.S.S 8-46 37

W.S+ 17.5

8-46-54.5

28-3

Aldebaran

28° 4'

W.S.S. 8-39-32.0

W. 4. 27.5

8 39 4.5

28-3-30

Bellatrix

28-1-30

W.S.S. 9-28-27.0

W. 4. 27.5

9-27-59.5

28-1-30

Aldebaran

W.S.S 8-32-2

W. 4. -46

B. Transit- 8-31-16

Obs. alt. 28° 4'

Watch 34.5 fast

7-52-17.0
34.5

7-52-51.5

4-31-9.358

Feb. 6

6.5

Bond 6-22

Watch 6-22-6.5

6

6-31-21

8-44-15

6-31-15

8-44-9

2 | 14-75-24

Bond Transit. 7^h-37^m-12^s

Aldebaran

8-13-18^s

Chas

Watch # 23.5 fast

7-14-58
30

Transit 7-14-28

9-17-40
30

Transit 9-17 10

Bele

April 19, 1917

Obs. alt. $\odot$ $23^{\circ} 9'$
 S. W. - 15 56.96
 $22^{\circ} 53'$ 3.04
 P. & R. - 2 17
 alt. 22 50 4604

P. & R. - $2' 7''$
 Temp + 7 11
 Bar 30.5 - 1
 Corr. - $2' 17''$

Dec $11^{\circ} 3'$ 39.8
 Long. Corr. 4 11.6
 Corr. Dec. $11^{\circ} 7'$ 51.4

H. O. 52
 Long 4.84
 20.8
 41.6
 20.8
 60 251.28
 $4' 11.6''$

Z 67 9 14
 d 11 7 51.4
 L 78 17 54

April 22, 1917

8-11-38 $\odot$ $17^{\circ} 26' 30$
 W. 7.1 10.5

Temp. + 3.2 7

Bar. 30

4-17-15 $\odot$ $17-26-30$

W. 11.5 7.1

at 4-21-10 Bearing

at 4-23-10 Bear $10^{\circ} 39'$ W

Sun B $6^{\circ} 30'$ E at 4^h 37

W. 11.5 7.1 of Bond

April 22, 1917

Same Sights

②

6-22-28	11° 20' 30"
6-24-12	11° 15'
6-26	11 9 30
6-27-15	11-6
6-28-40	11-2

B 20° 24' E

May 28, 1917

Equal Altitudes

Bond 10^h 4^m 6^s

Watch No 7 9 55 50.5

Watch slow 9 9.5

Time Obs. Alt. ②

10^h 0 55^s 31° 7' 30" 2-6

10 2 55 31 10' 2-4-45

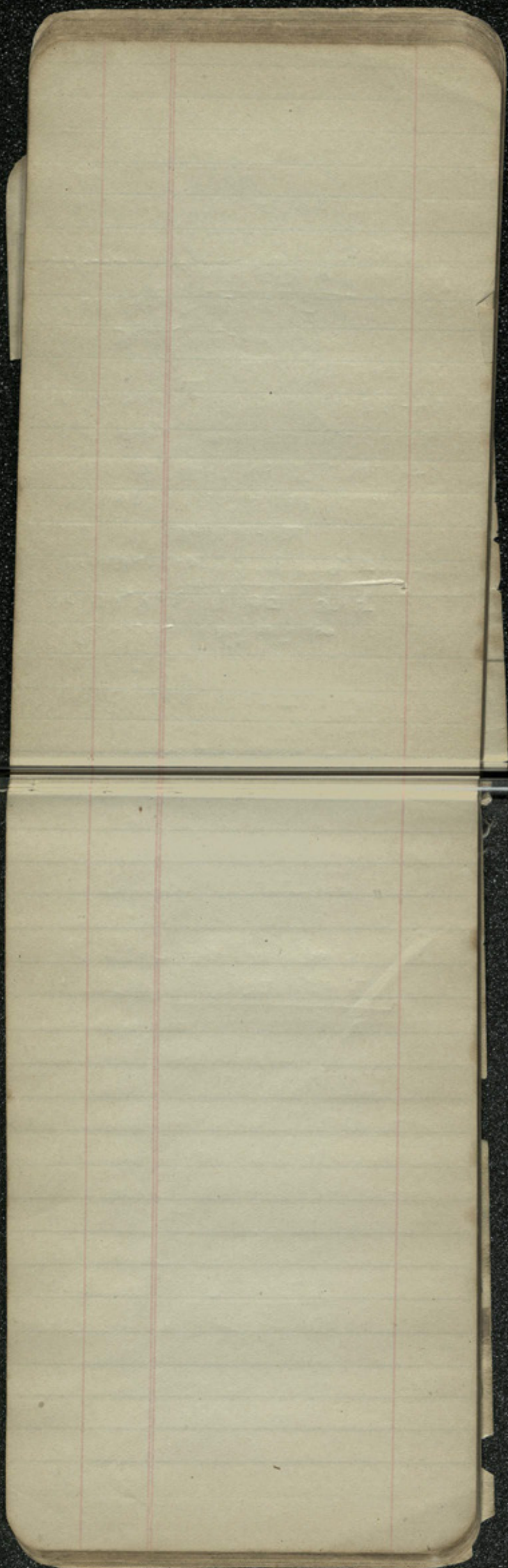
10 5 20 31 15 2-1-53

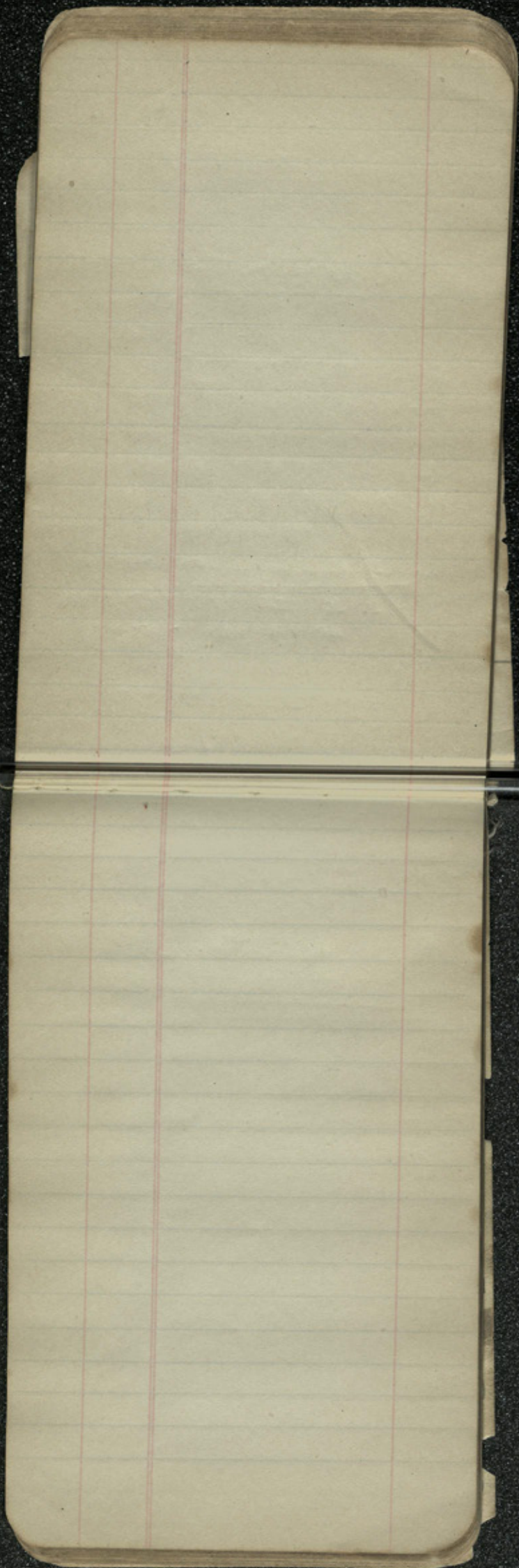
10 8 40 31 20 1-58-43

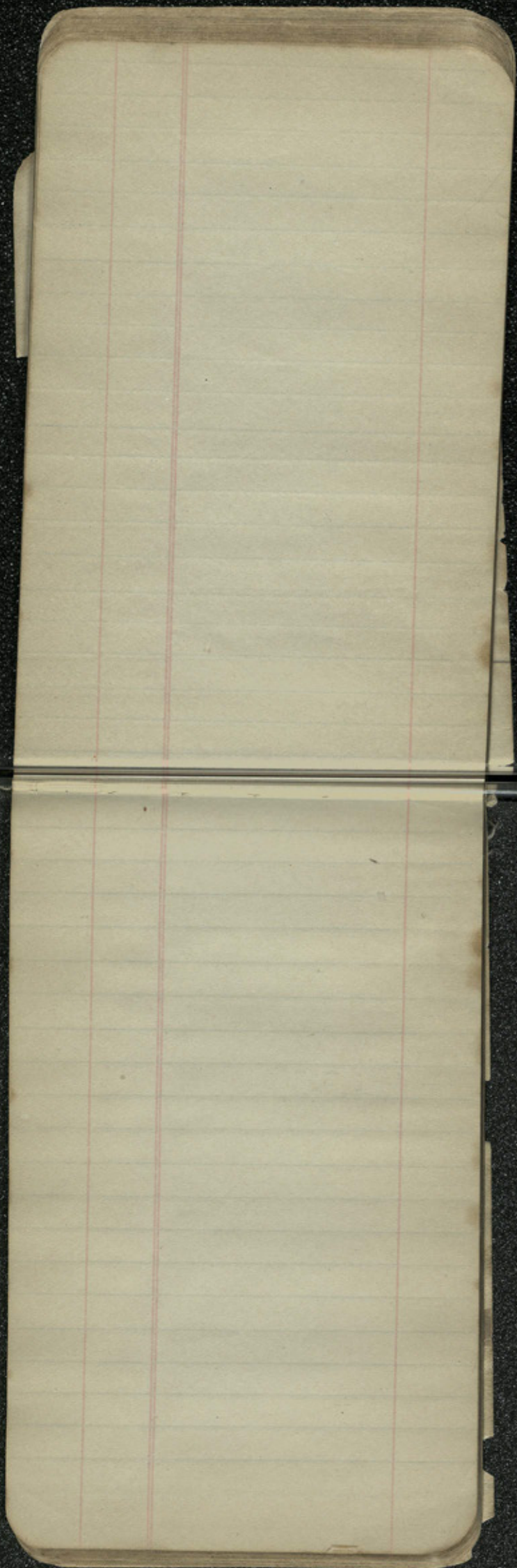
Bond 2-18

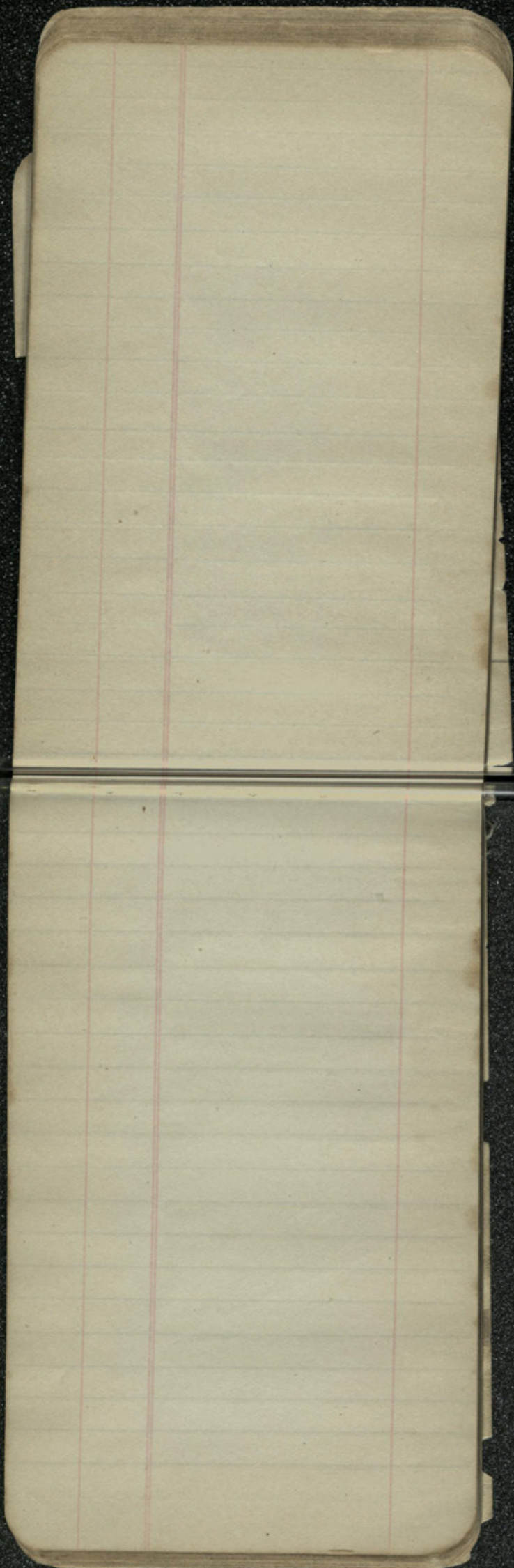
Watch No 7. 2 8 52

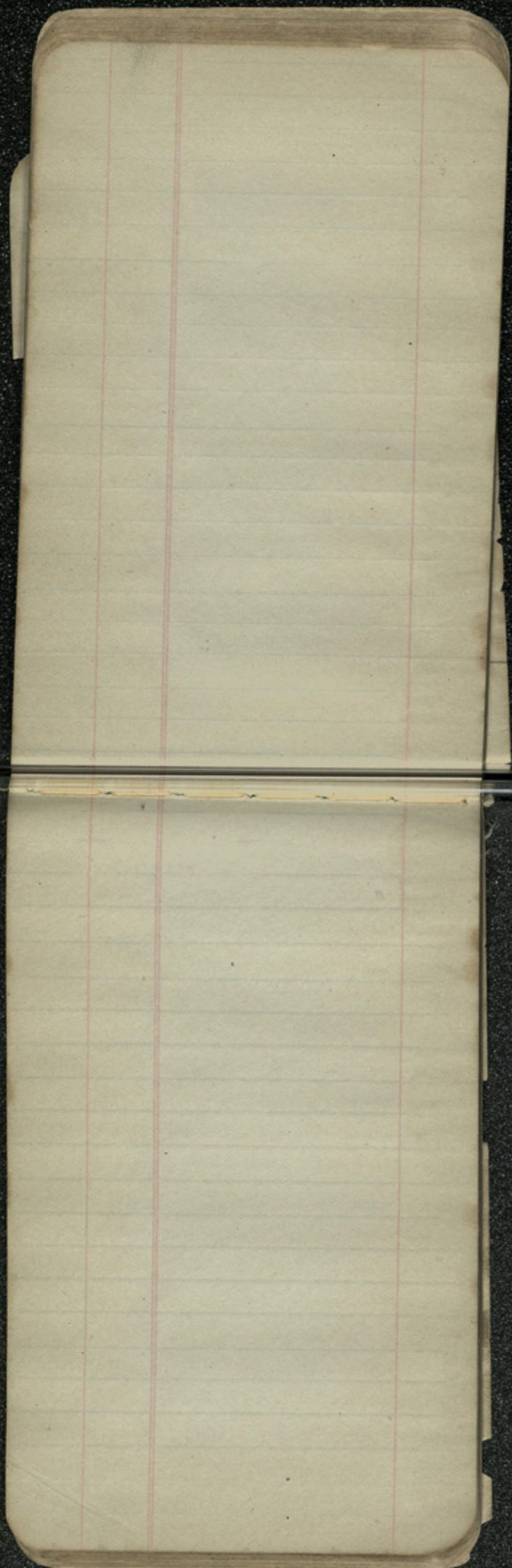
Watch slow 9^m 8^s

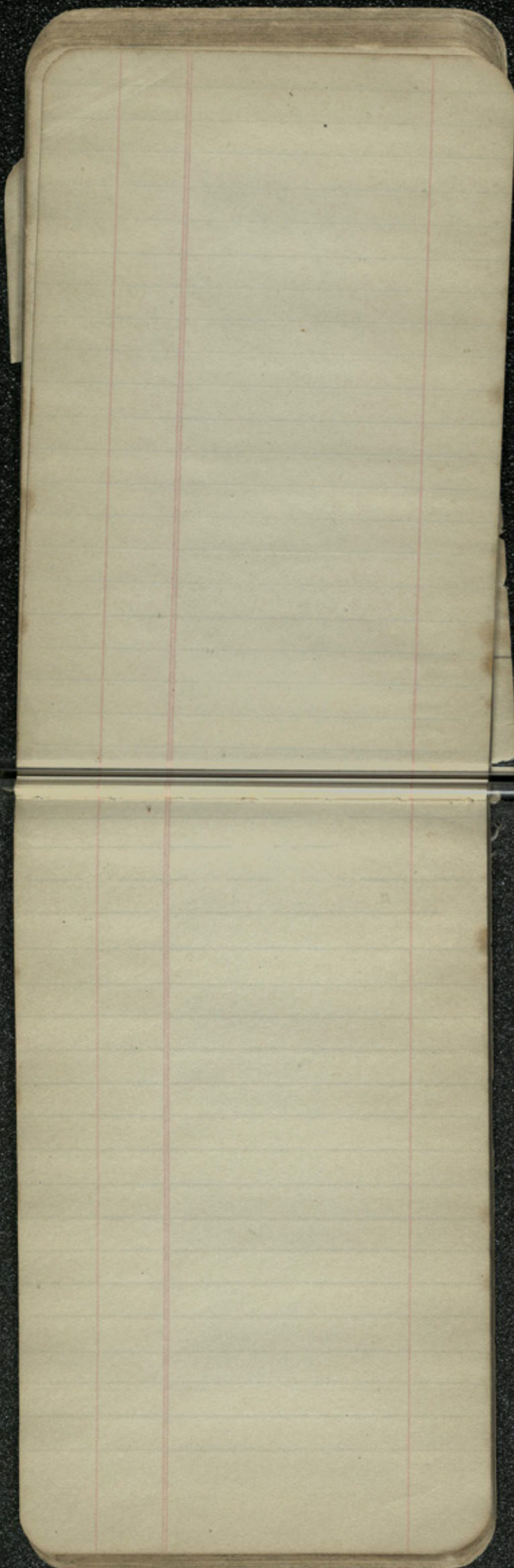


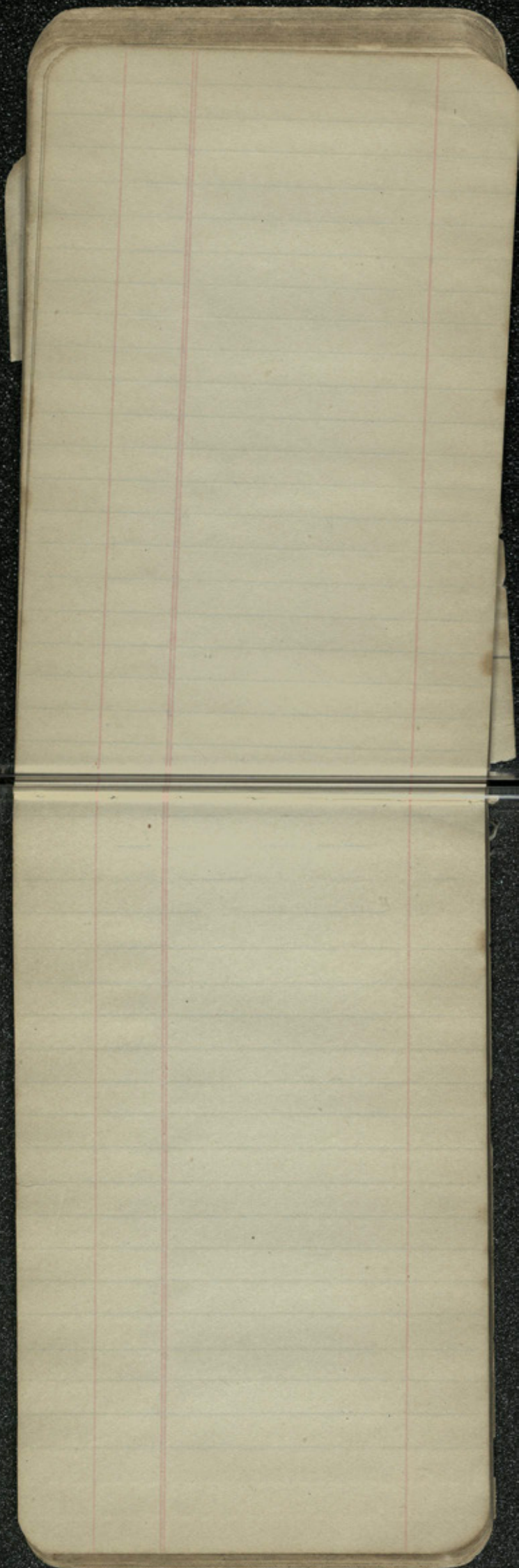


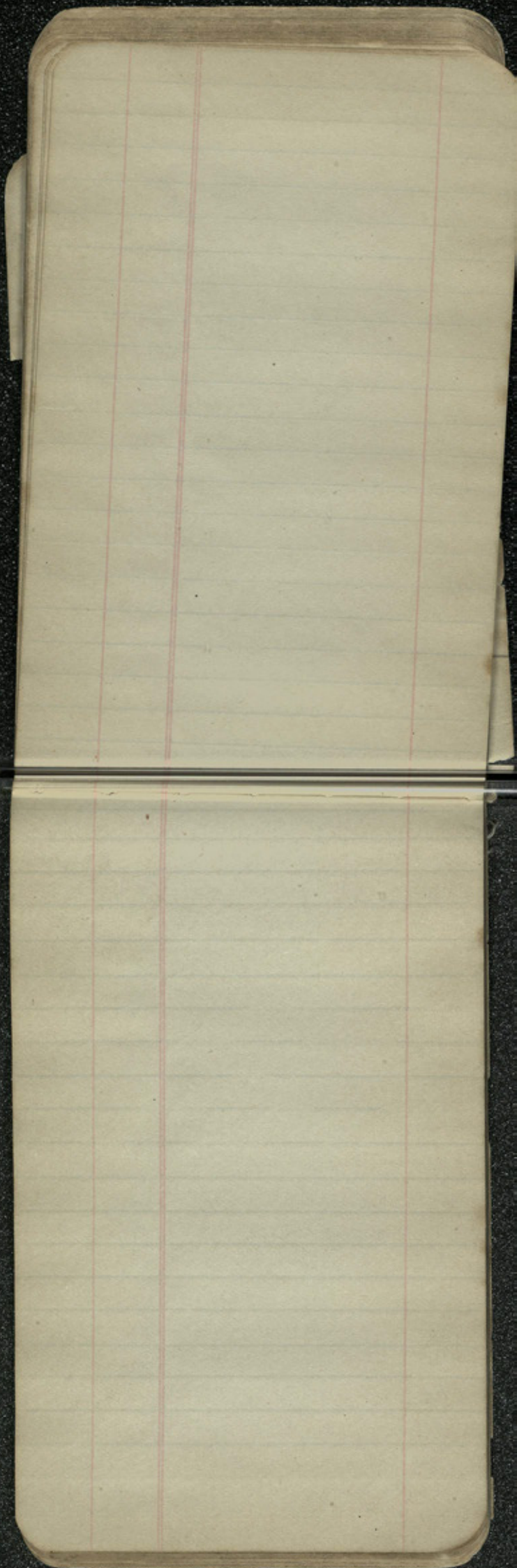


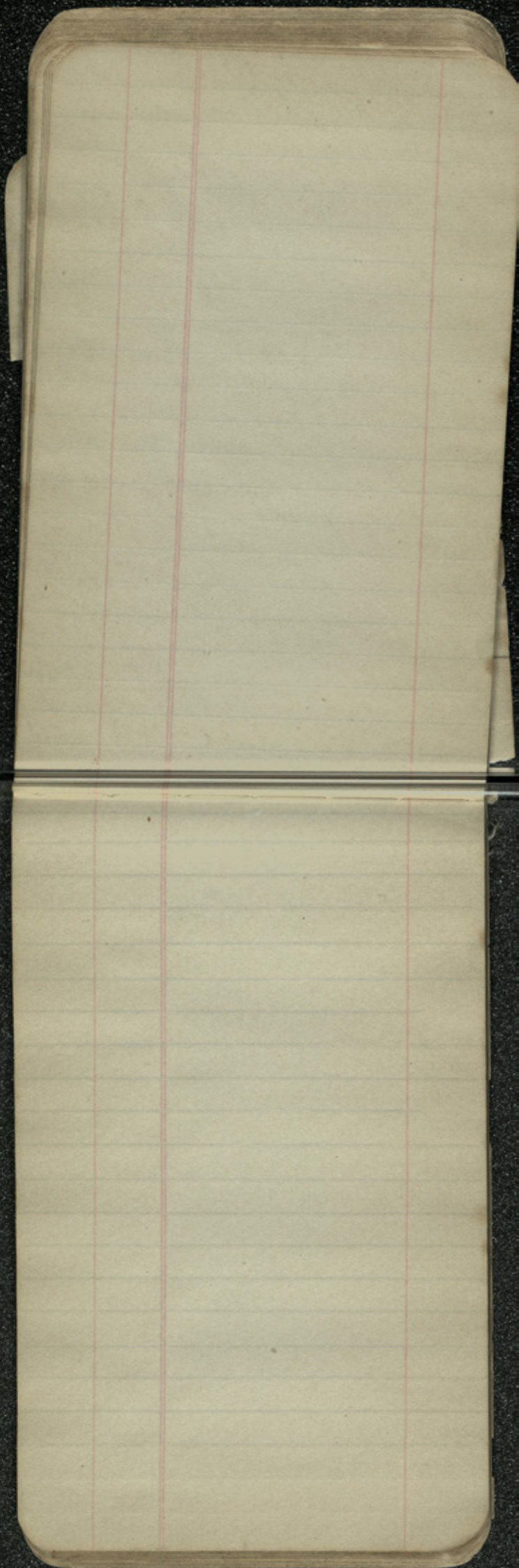


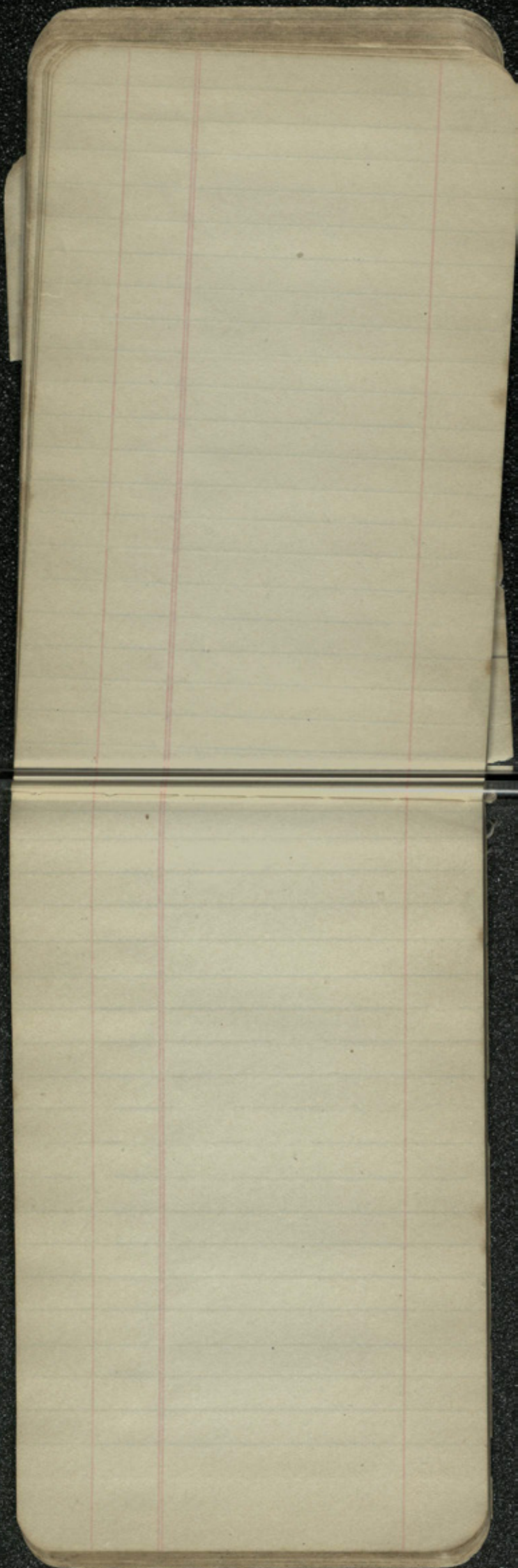


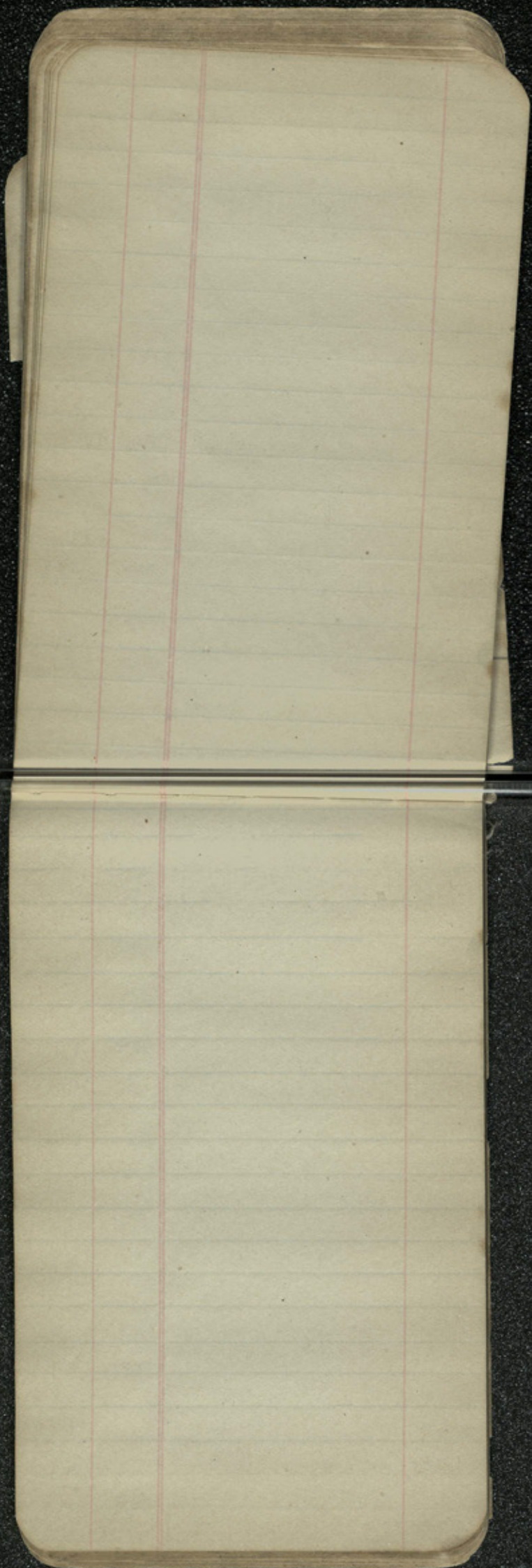


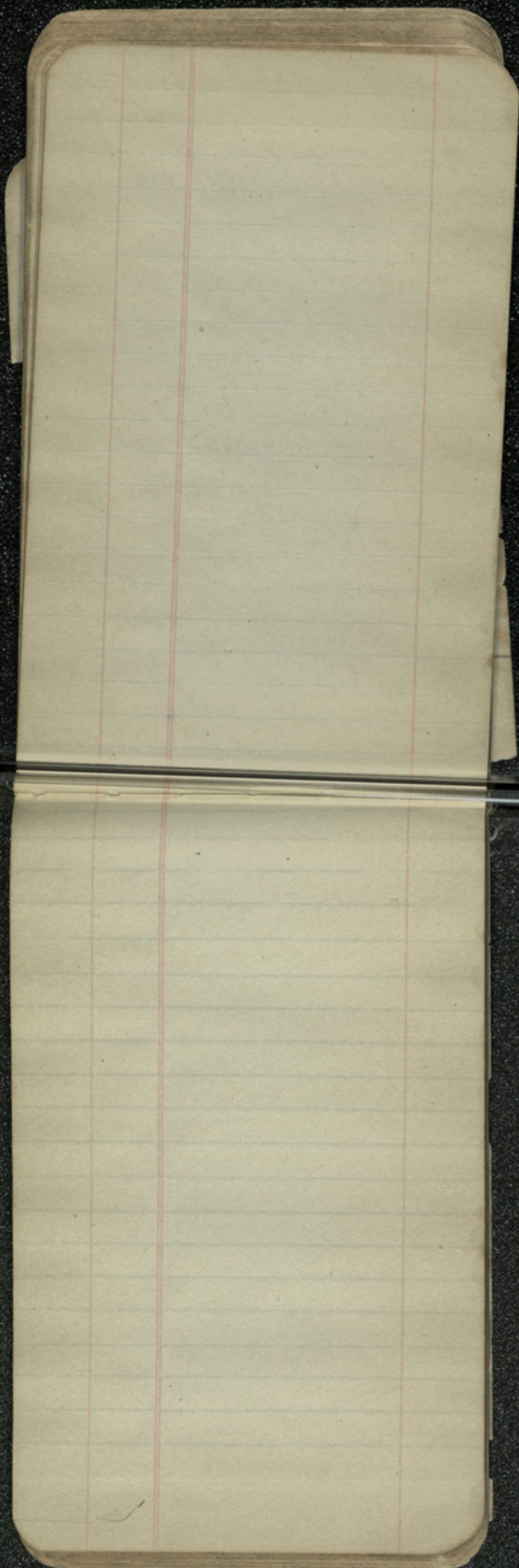


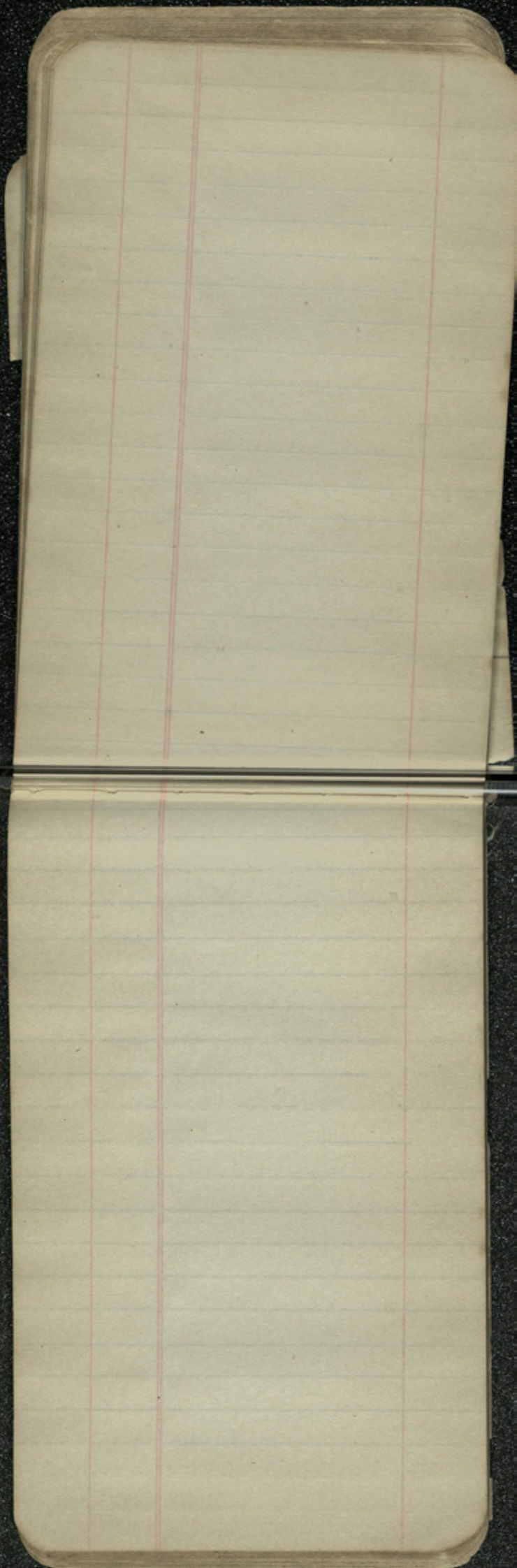


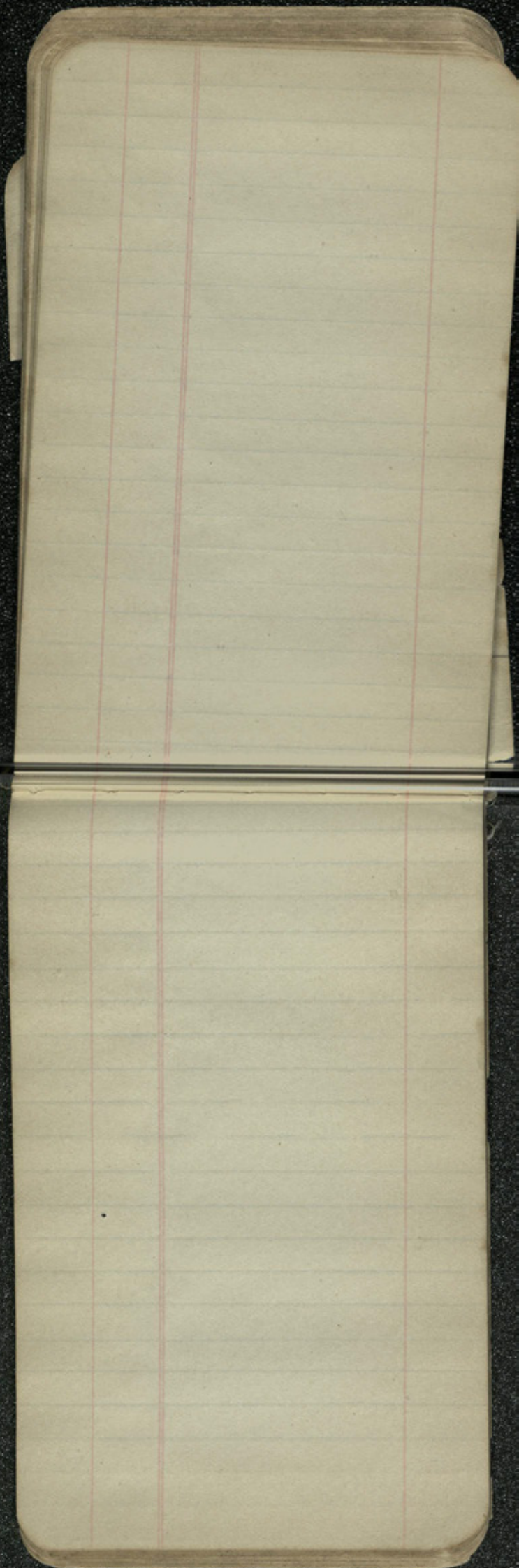


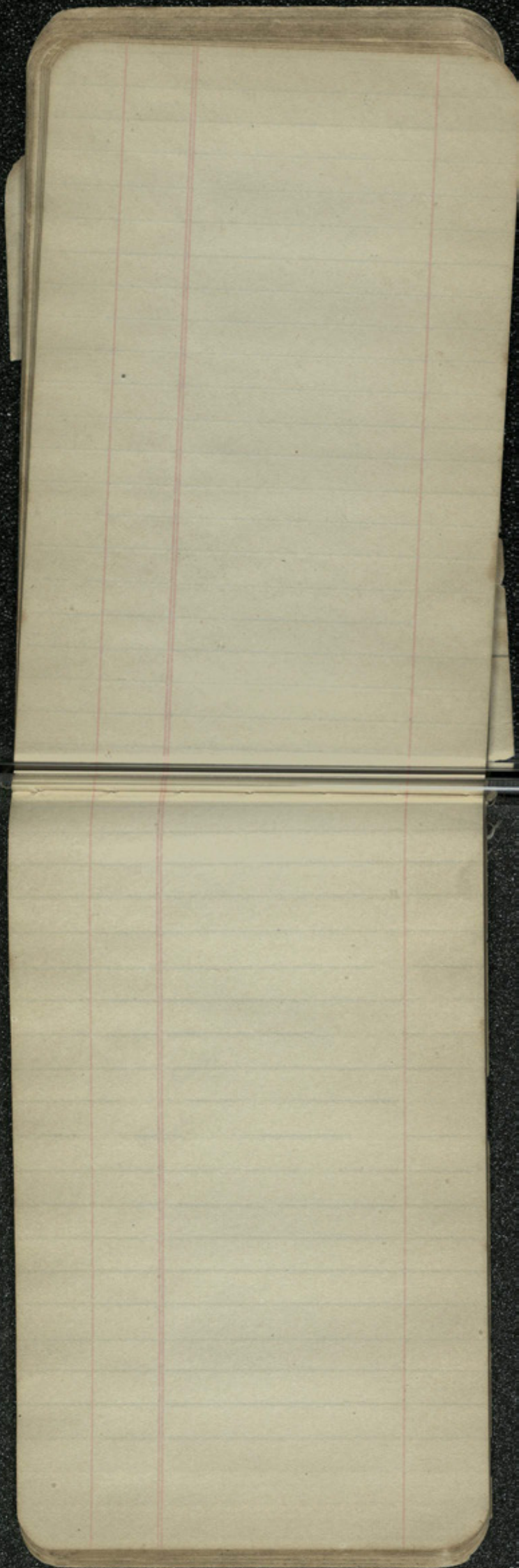


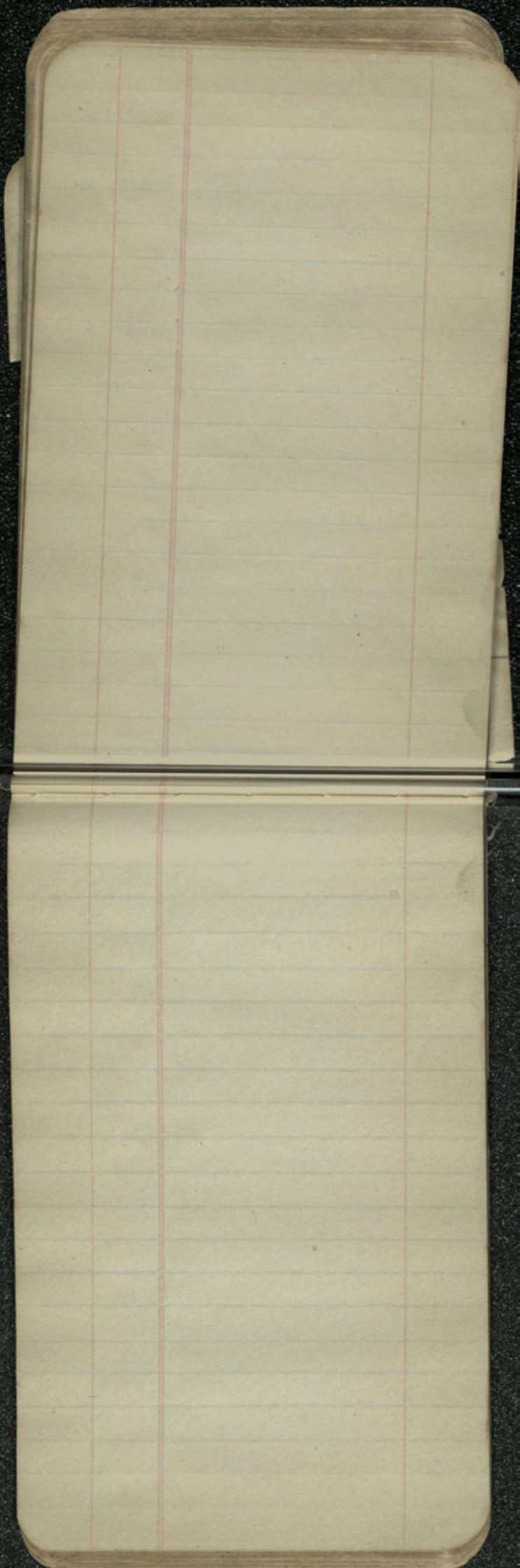


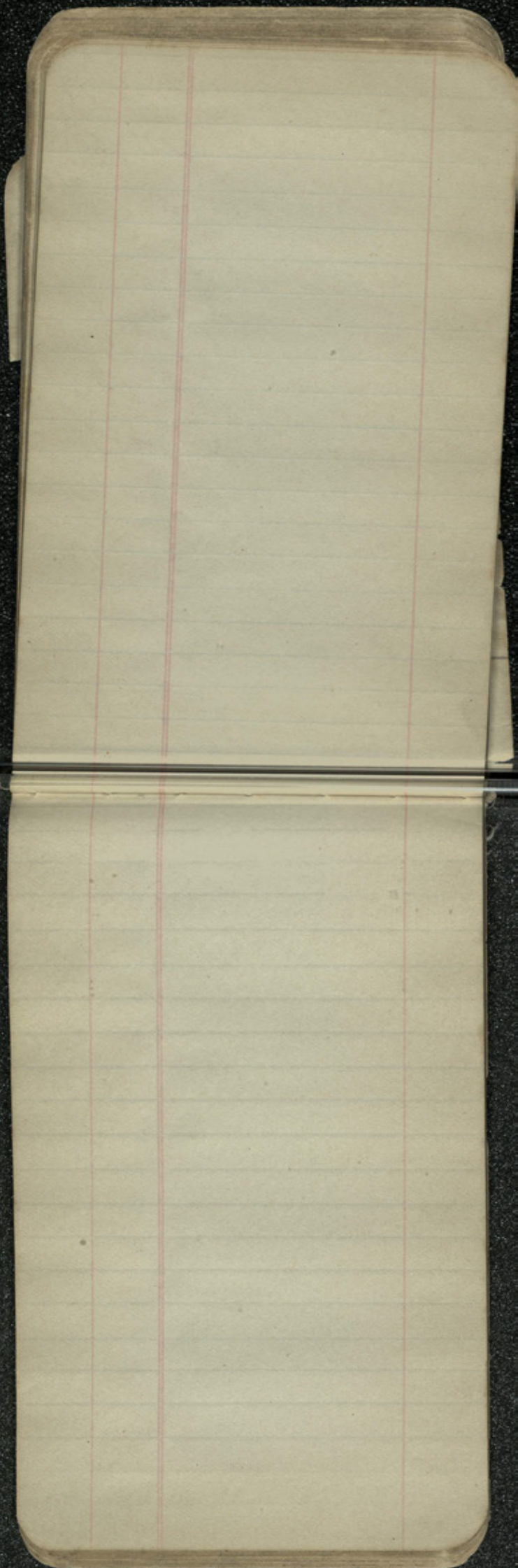


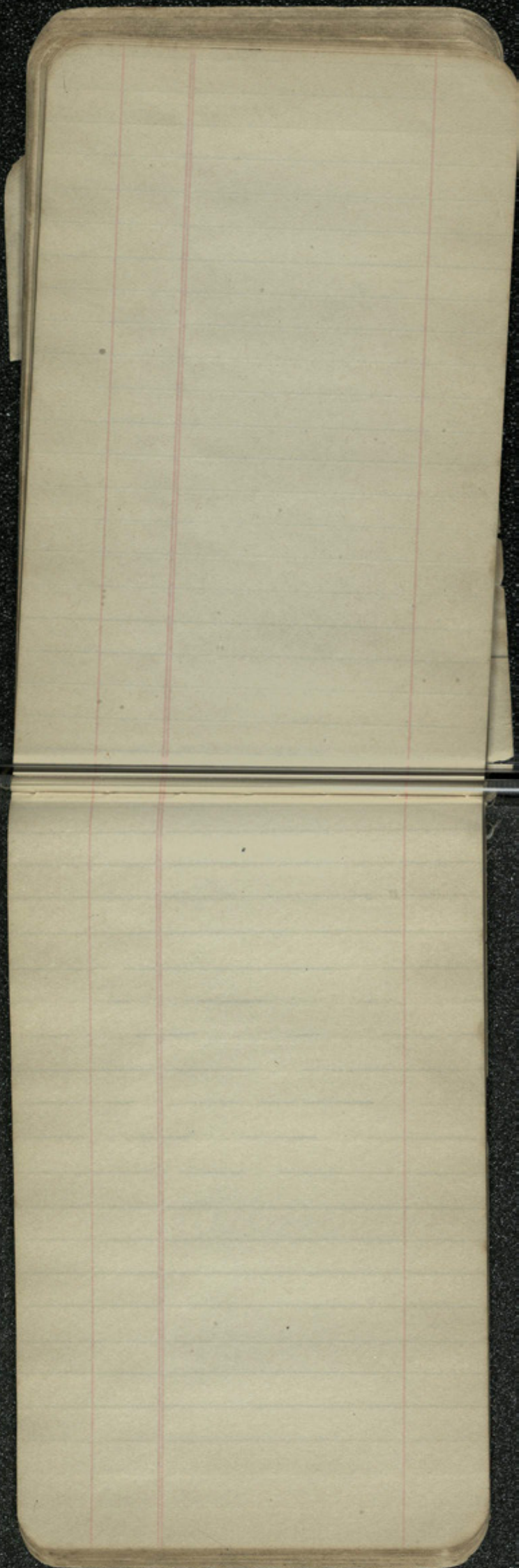


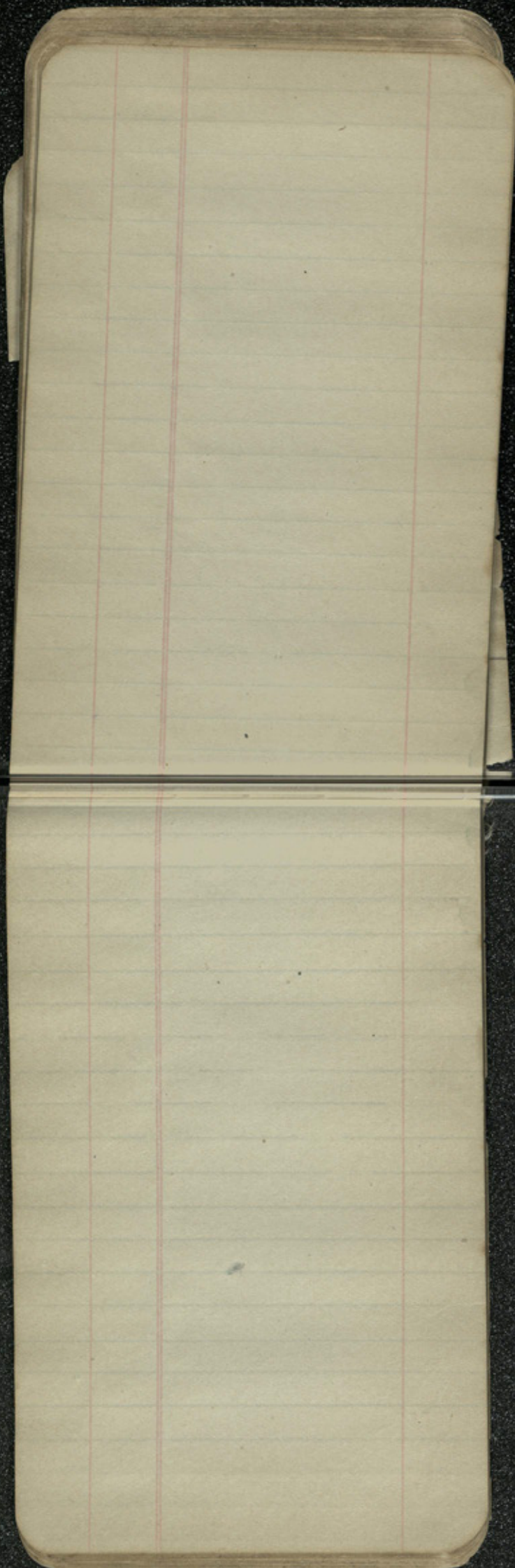


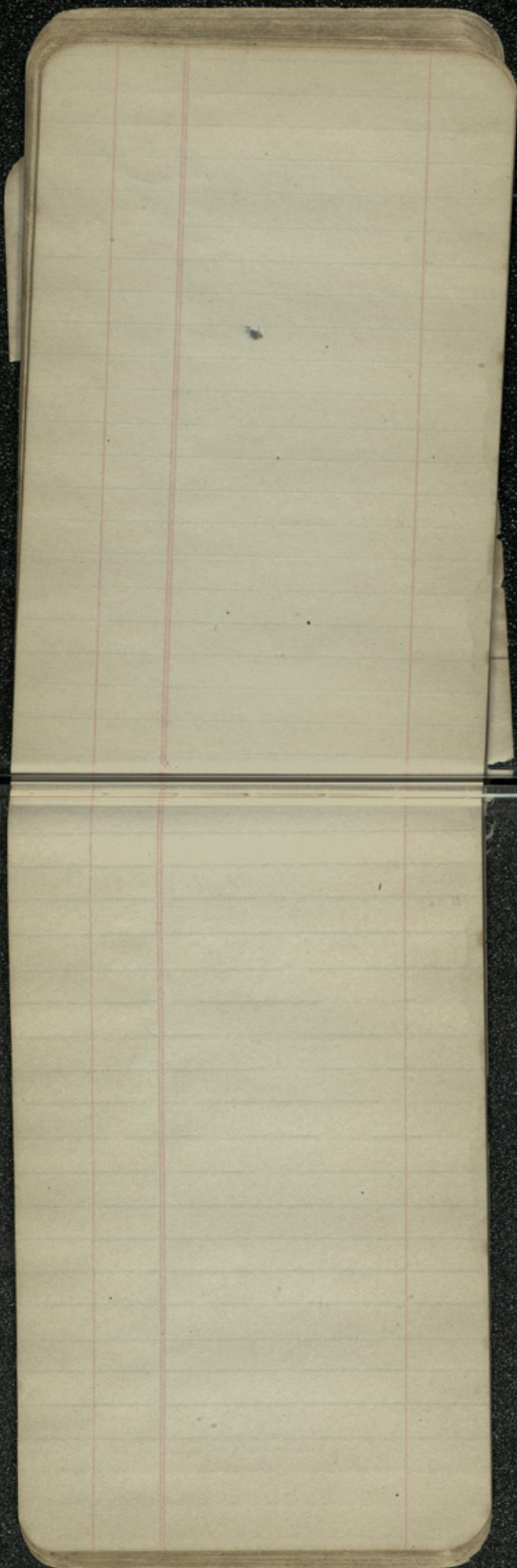


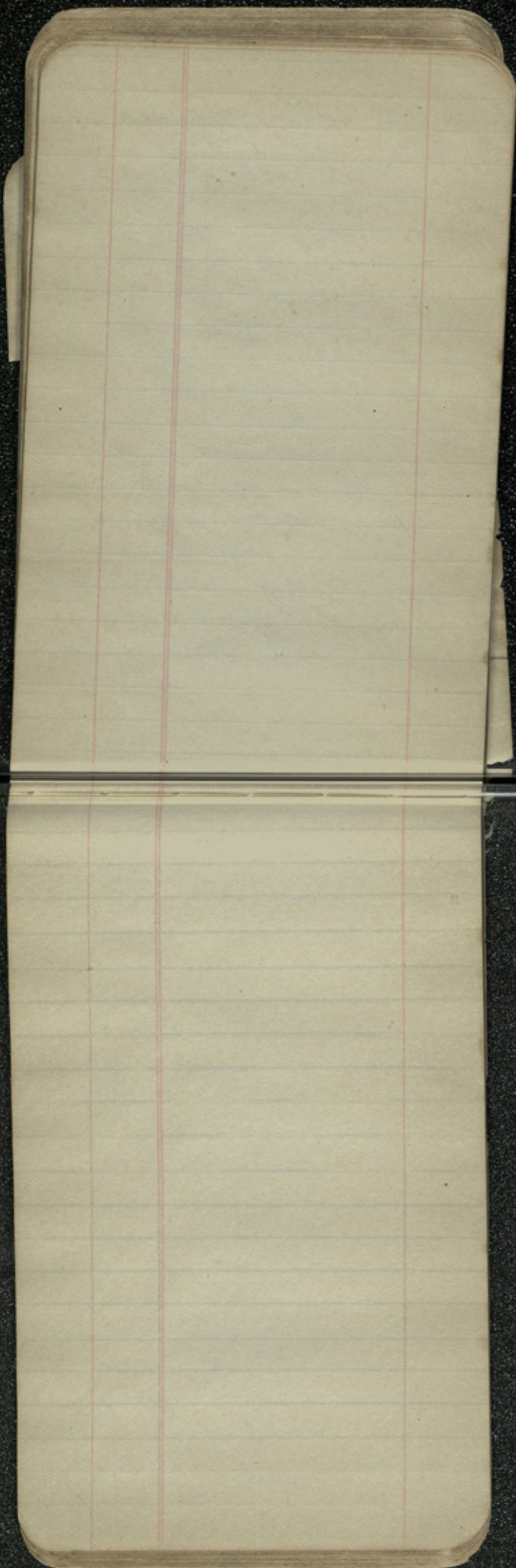


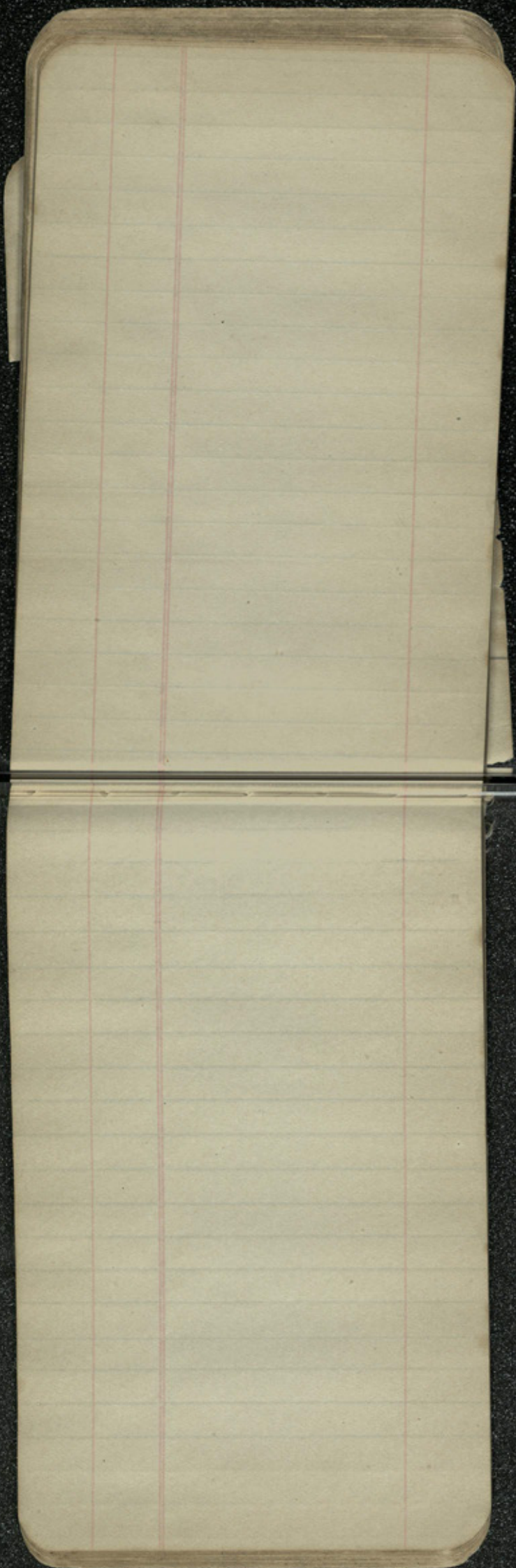


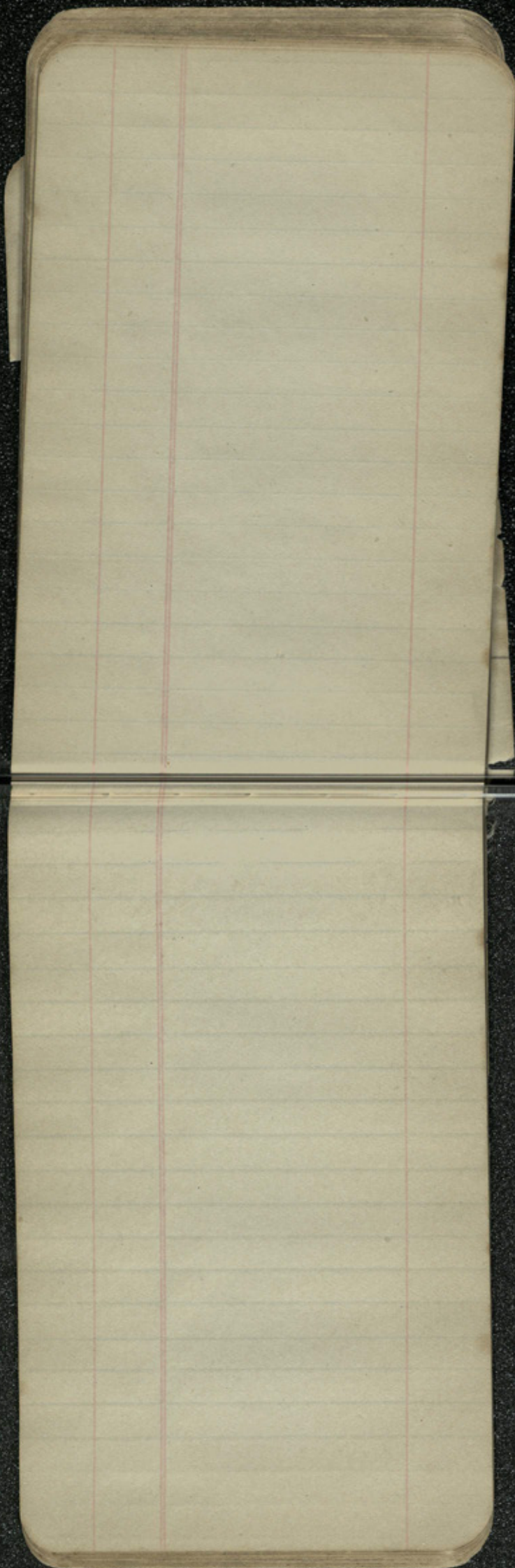


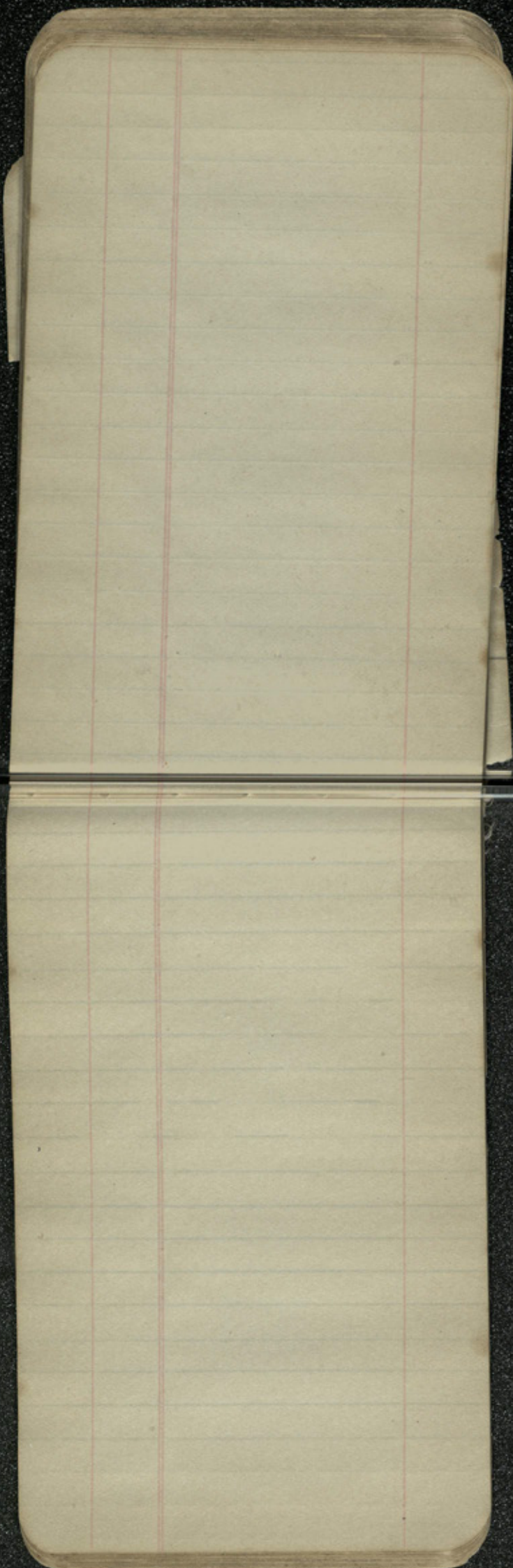


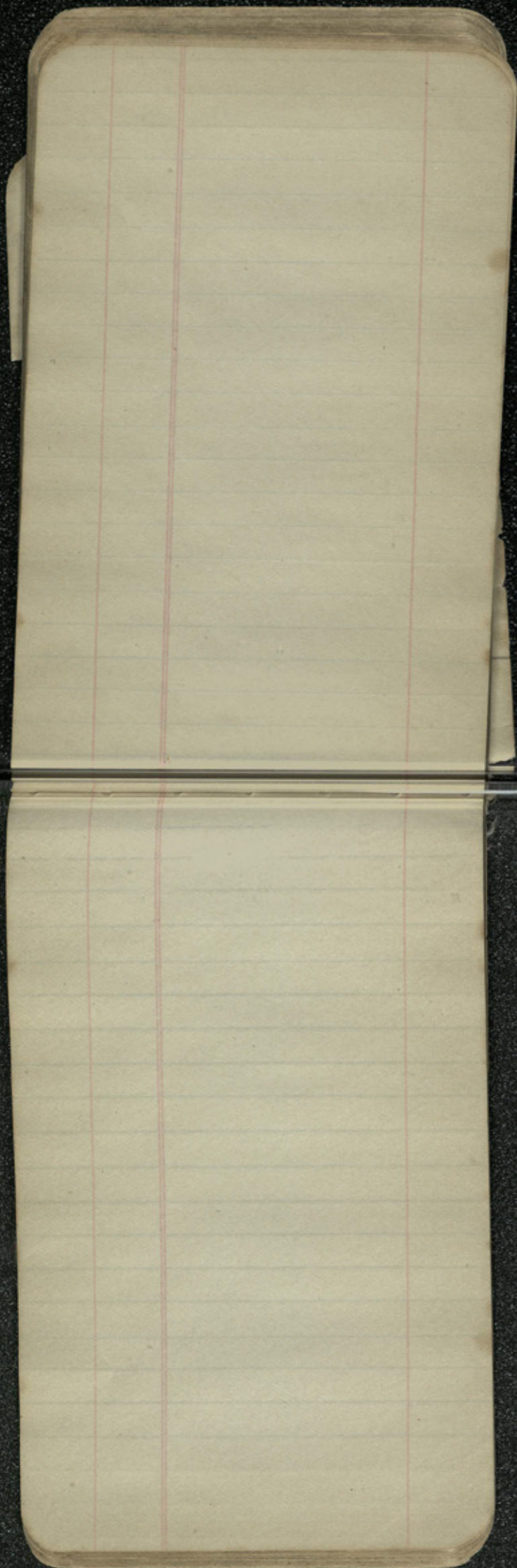


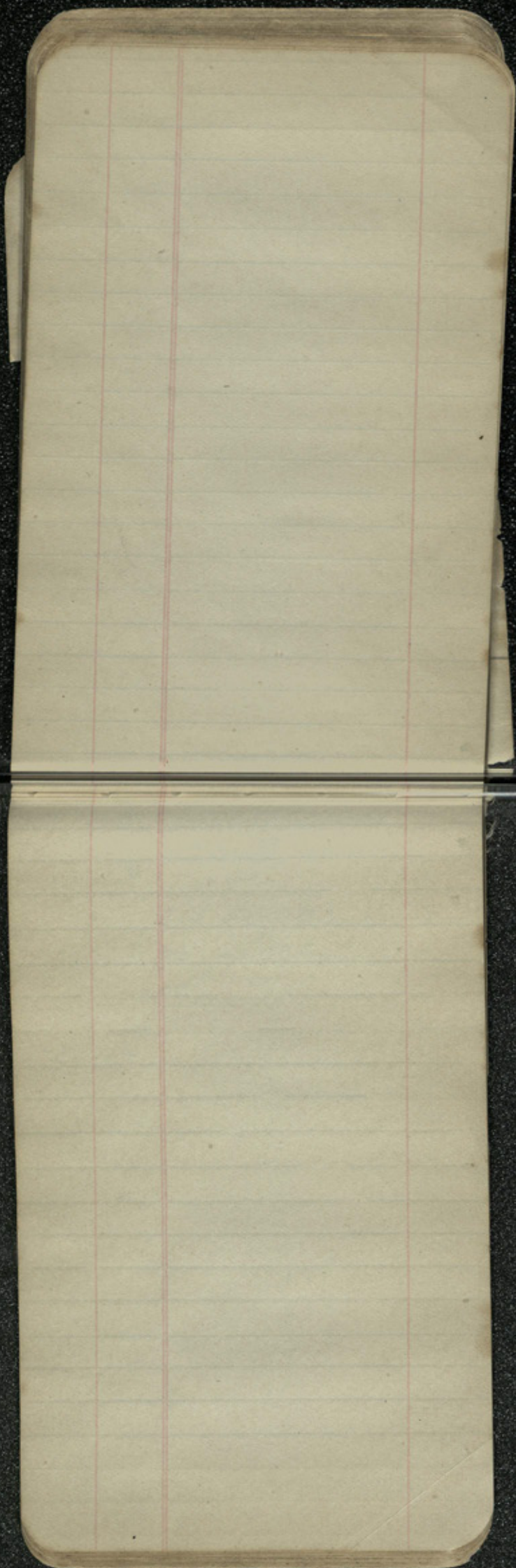












D.B. Mac Millan
American Museum

Dr 6

\$50 00

Nov. 30 Bowditch's Nat. 2.25

" " Nautical Almanac 50

" " 50

3.25

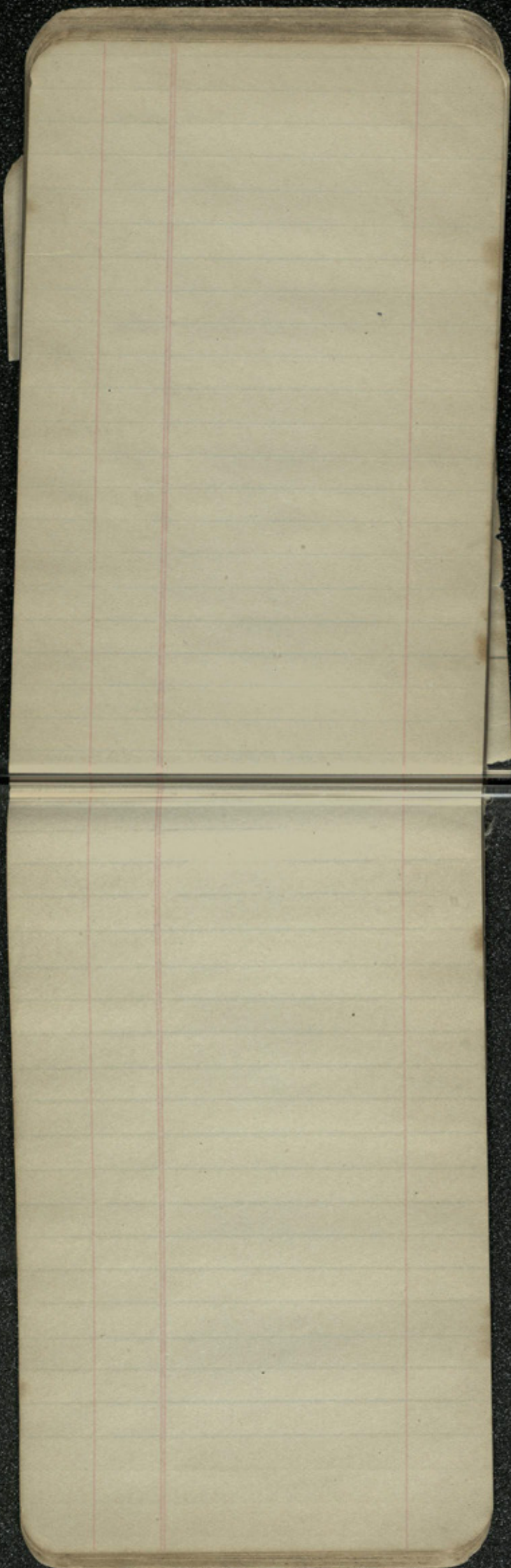
3 25

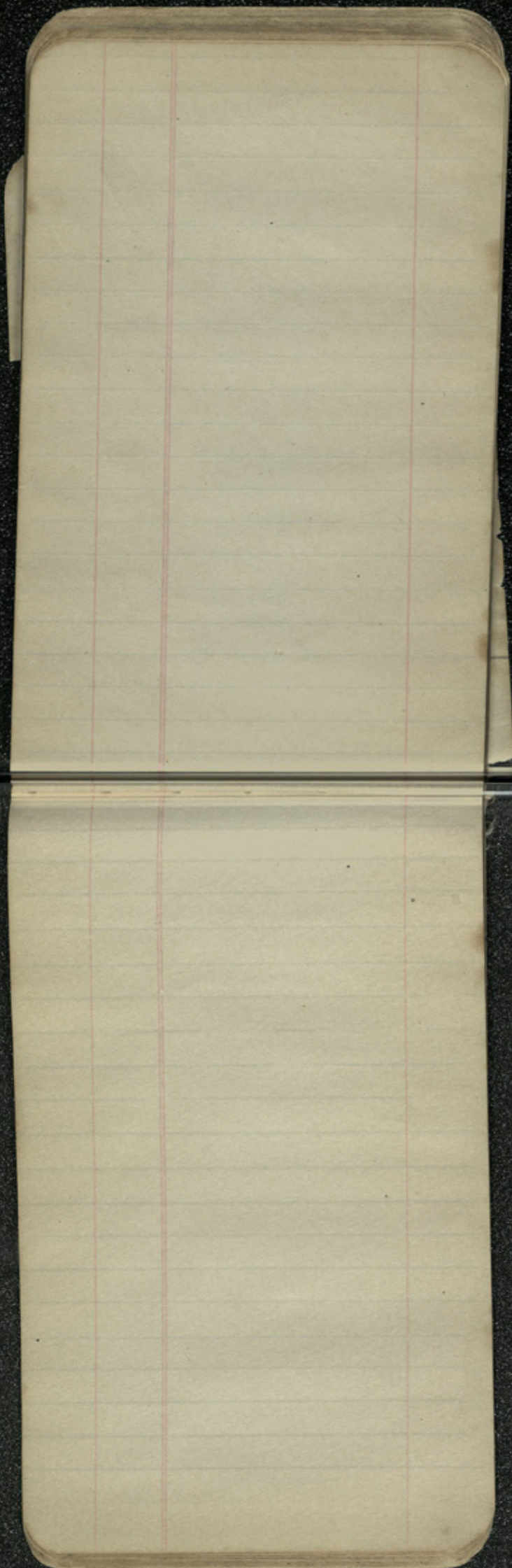
46 75

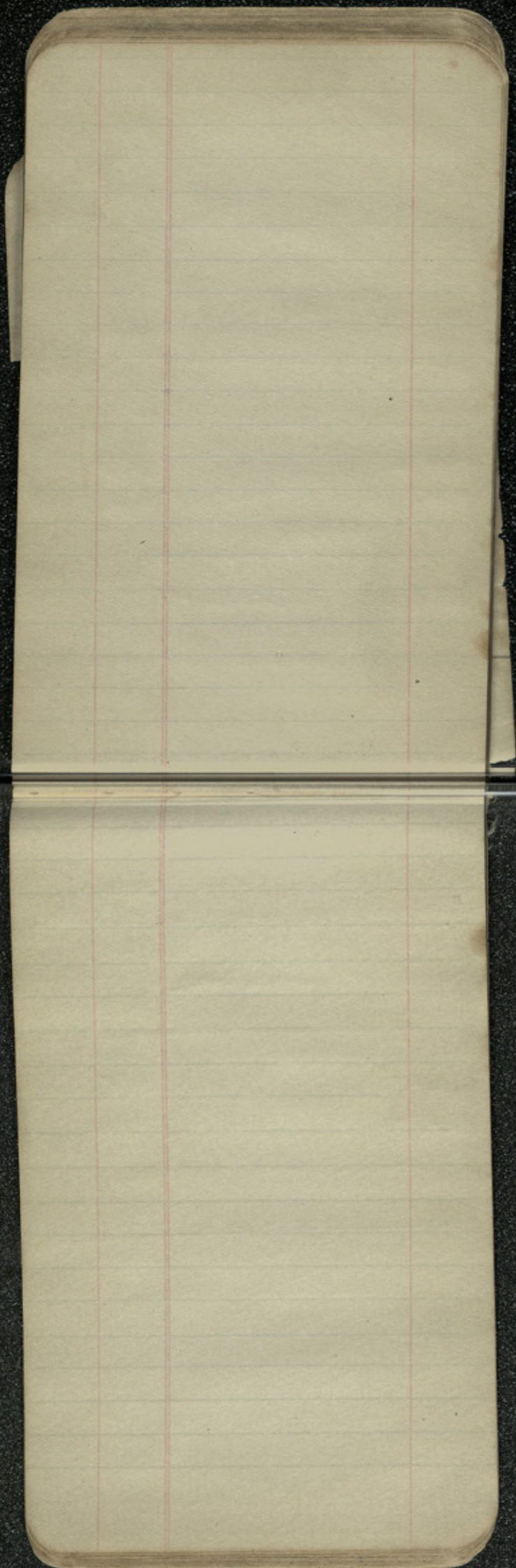
Thermometer

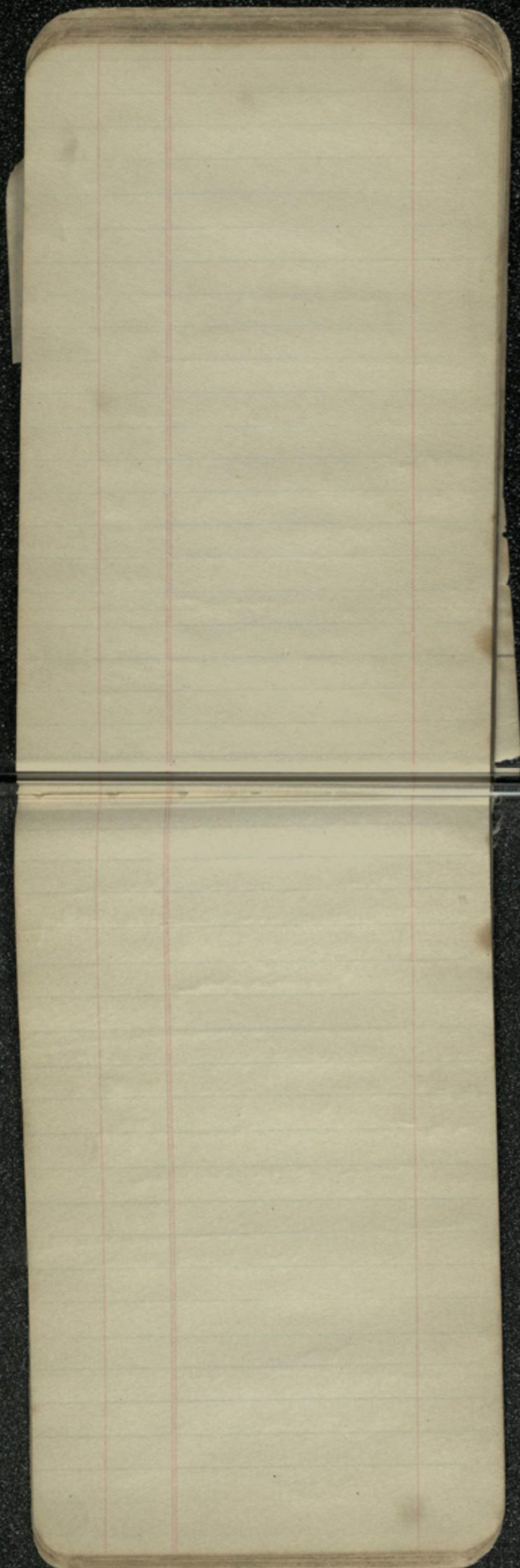
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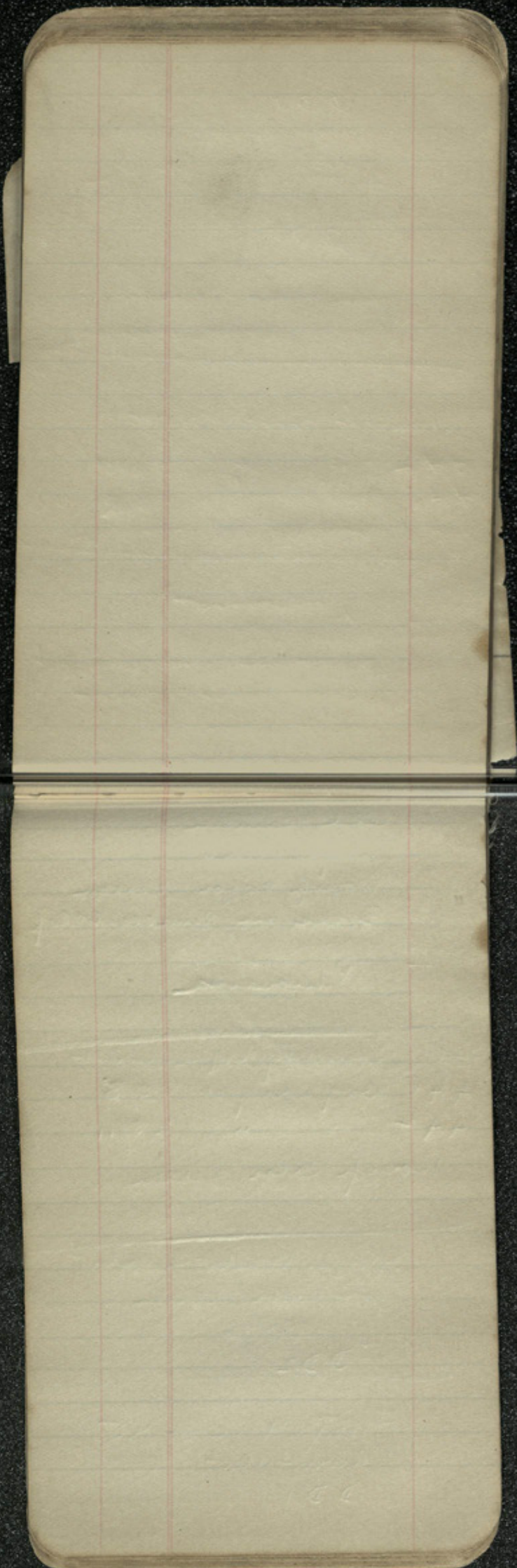
46 39











Apr. 20, 1917

Double Altitude
at $10^{\circ} 19' 45''$ $21^{\circ} 26' 30''$

Watch 10^5 fast

Merid. Alt. $23^{\circ} 28'$

Temp $+5.5^{\circ} F$

Bar. 30.15

at $2^{\circ} 8' 50''$ $21^{\circ} 26' 30''$

W. 11.5 fast

Temp

Panorama from Cape
Alexander to Sunrise Point

HH Color Screen Rec-45

HH1-HH2-(KK1-KK2)

SS1-SS2-HH1-HH2

Underexposed

Old camera

Single Lens

Bump color screen

3 sec on smallest stop

Good

Panorama

Good Samtåg Monument

AA1 Wags right 25/8

AA2 " " 25/11

Bump Color screen

Harper Winter-2nd last

Own color screen

10/16

DD2

Fixed 4 sec on 45

Own filter

DD1

C
Archie
100 - 8

cl
~~100 - 11~~

A
E. Tooh-ah-choo
50 - 8.

B
50 - 11

E
Bear
100 - 11 B 6 P. u.
G

Bear
100 - 11 B 6 P. u.

J.

Mucar-fing-wah

50-11

I

Mucar-fing-wah

50-16

Bright Sun

Time 5-30 P. M.

July 20th
Monday

Ce. took al. choo Tobacco
Gimmie "

July 22 Wednesday

Archie Tobacco
Al. way ah "
al. ning - nah "
al. ning - yah "

July 23 Thursday

Ce. took al. choo Tobacco

No 1 27

No 1A 27

" 2 27

" III 27

" 8 27

Reclures

No 1 Feb 24 Sun 50-16

Standing $\frac{1}{5}$ wide

Sitting $\frac{1}{2}$ - 11

" $\frac{1}{5}$ - 8

Due No. 198 My wallet Dif
 14 11-48 11-48-35 35+

Tobacco

July 5th

Archie 1 Phg - 1 m.
 Ce. brk. al. chne 1 Phg - 1 m.

July 6th

Ce. brk. al. chne 4 Phgs 2 m.
 Co. bloo - yah " " " "
 New car. fig. mah " " " "
 Ab. fond. al. chne " " " "

Ce. brk. al. chne

2 boxes Cartridges 35-

Co. bloo - yah
 2 boxes 35-
 1 box 22

New car. fig. mah
 2 boxes 35-

Al. way - ah
 1 Phg Tobacco

July 19th

Sunday

Alwayah Tobacco
 Co. bloo - yah "
 New car. fig. mah "
 Ab. fond. al. chne "

Tuesday July 21st
 Tobacco New car. fig. mah

Chronometer Comparisons

Dec.	No. 198	No 546	Dif
11	4-38	4-19-20.5	
12	10-48	10-34-5.5	
13	11-56	11-36-53.5	
14	11-31	11-11-44.5	

Dec	No 198	No 270
11	4-39	4-18-45.5
12	10-49	10-28-37.5
13	11-57	11-36-32
14	11-34	11-13-27

Chro

W

Dec.

S

A

8.4

13

12-49

12-49-6

6.7

14

11-56

11-56-3.5

3.5+

Dec.	S	C	Dil
13	12-46	12-46-33.5	33.5 +
14	11-53	11-53-34	34

Oct. 17, 1915

Snafely No 1

655-16-15

Dec. 9, 1916

Chro.
Watch

alt. Altair $20^{\circ} 20' 14''$

4 44

alt. $20^{\circ} 24' 58''$

359	60
339	35
20	15

alt Altair 20 15

P + R 2 49

True alt. 20 12 11

Z 69 47 49

8 38 44.2

Latitude $78^{\circ} 26' 33''$

Dec	Seters	UO	Dif
	S	13	3
13	12-33	12-32-55	-5
14			
15			
16			
17			
18			

200 - 32 - 15 min

+

~~1-15-~~

~~1-30~~

~~1-45-~~

2

2-15-

2-30

2-45-

UO 3 Grapefruit

490-16 - 15 min

+

~~1-15-~~

~~1-30~~

~~1-45-~~

2

~~2-15-~~

~~2-30~~

UO 4 Grapefruit

825-16-15-

2-30

Dec	Chrs	No	Dif
	S	12	
13	12-30	12-31-5	5+
14	11-44	11-47-49	
15	11-45	11-48-40	
16			

W1 Graflex

10-50 ✓ Unshy
 11-10 ✓ creeping
 11-30 ✓ blowing
 11-50 ✓
 12-10 ✓

 12-30
 12-50

Oct. 2nd 490-16

~~9-30~~
~~9-45~~
~~10-~~
~~10-15~~
~~10-30~~
~~10-45~~ 490-16
~~11-~~
~~11-15~~
~~11-30~~
~~11-45~~
~~12~~

~~12~~

Sun
 100-11
 Point
 1 Dec 32-

Green S
 25-16
 Green H
 50-11

Home

200-~~32~~¹¹
 11-1
 11-15
 11-30
 11-45
 12
 12-15
 12-30
 12-45

Dec	Alms. s	Wo 11	Dif s
13	12-28	12-27-54.5	5.5 -
14	11-43	11-46-40	

Frederick Paterson
 Wat. Cash Register Co
 Toronto Canada

Due	Alvros s	Ulo 8	Def. s
13	12-26	12-26-25	25 +
14	11-40	11-40-19	19 +
15			
16			
17			
18			
19			
20			

	clero.	no	Day
Dec	3	7	
13	12-23	12-23-14	14 +
14	11-39	11-39-14.5	
15			
16			
17			
18			
19			

Ab. blue. gal

April 16 the

1 gr. dark glasses
 4 small boxes matches
 1 case dog biscuit
 1 case oil
 1 bag tea large
 1 " coffee
 1 " oatmeal
 2 bags tobacco

2 plugs tobacco

2 plugs tobacco

Crocker Land Expedition

Dr. Ho

D.B. MacMillan, For

Box Maggie 17 26

Books Warlington 5 00

Books Cadmus Core 10 00

Parcel Post cuts 27

Crocker Land Expedition

Brooklyn Navy Yard

Building 41

J. E. E. E. E.

Clipping Bureau

Exempt 4735

W. H. H.

Sunday, Dec. 13th

Dec.	Also	6	Diff
13	12-20	12-20-29.5	29.5 +
14	11-38	11-38-26	26
15			
16			
17			

Sewing Machine

Matthew Henson

123 West 135th St.

Higgins

Naval Hospital N.Y.

Barbican

"U.S. Delaware

Brooklyn Navy Yard

Notes re
Army & Navy Journal
to Vesey St.

Army & Navy Register
Washington - D.C.

Bellman Brown
Tel Columbus

1123

Address 27 W 67

Edward Carson
Prospect 6210 - J.

Sloves

One doz. Standard Oil
Sloves. One doz. extra
Burners. One doz. extra
Tops.

The Aluminum Cooking
Utensil Cooking Co
New Kensington, Pa.

36 Pals -

Brock Brothers
1372 Mass. Ave
Cambridge, Mass
Make 24 Sloves
J. H. Clark -
Jacob Reichenacker

Dr. Manton Copeland
Bowdoin College
Brunswick, Maine

Heath
53 Fairfield Ave.
Medford
Mass

Manlicher
Vonlerke & Dietmold
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Carbide Bros. Bond 6910

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Atlantic Mutual
Mr Raven

Jan 1899

Walter & Co

Mr Parsons

49 Wall St

Dorset

Army foods

Gen. Henry G. Sharp
War Dept.
Washington, D.C.

Crofting Business

Open Fire Place

E. J. Burrows

Billiard Table

Rumian

Meat	53.15
Lent	31.2
Raisins	9.4
Sugar	6.25
	100.00

April 15-20

Pack.

The Brooklyn Warehouse
& Storage Co.
335-335 Schermerhorn St.

Mr H. Mayne, Mgr

Brooklyn, N. Y.

Dussault
8 Rooms apt
32 trunks for aid
10 trunks
oval?
3 boats 1 large 2 small

Prof. George W. Pierce
Tel. Cambridge 1073
House 4624-W

Ensign C. H. Maddy

Transit box
16 X 10 1/2 X 7 1/2

Chas. Hamilton-Maddy
19 Grayson Hall
Tel
Cambr. 22419

Lieut W. B. Humphrey
Rhode Island

Boston Navy Yard

Major Symptoms of
Hysteria
Pierre Janet

E. S. Burrows Co
267 Free Street
Portland, Maine
Billiard Tables

Urmann & Guardia
London
Camera

Wheels and axles

Electricity
E. P. Edwards

Green

Apr. 1-20 Carnegie Institute
May 1-21 Schenectady
21-30 Orleans Missouri
30 New York

Tote Leather
Aul's
Thread
Wax
Deer skins
Wolf skins
Horse

Louis Young Toys
96 Cornhill

Stuffed Birds
Causeway St.

Gloves order

Parker Bros. & Co
Littleton, N. H.

18	Gas.	36 40	@ 13.50
18	"	36 33	@ 13.50
12	"	36 32	@ 12
12	"	36 63	@ 9
24	"	36 60	@ 4.50

Railroad Lanterns

John H. Parker Co
25 James Street
Malden, Mass.
Arctic Lamps

- Catalogues
- "Green" Dehydrated
- "Blue" Meals -
- Canned Beans -
- ① Field Equipment ^{Food}
- Household
- ◆ Experiments ~~XXXX~~
- Cereals
- ✕ Field Equipment
- ⌋ Scientific



Household

Three Svingenishers
Sewing Machine

Three Svingenishers
Oven

"Take handles or travelling
suitable for harpoons
and masts for sledges

Record cases with
following written in
English, German, French
Danish. Whoever finds
to please forward
to American Museum
of Natural History with
date of finding, time
and place.

Three works
Sleeping Loops
Cup of Stone

