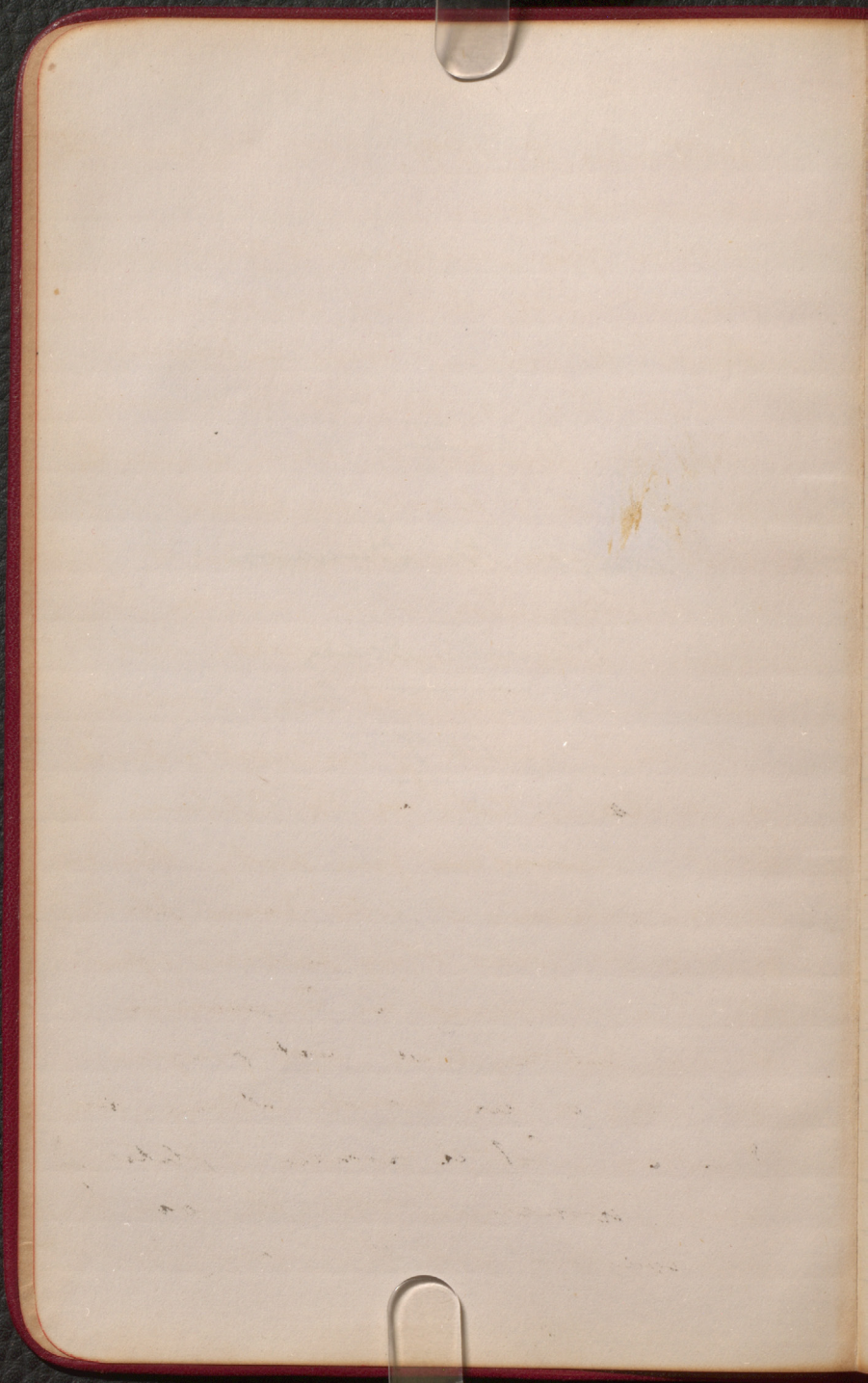


No. II.

George M. Dawson

Private Diary

1891.



September 8. 1891. At Petropaulovski,
Kamtschatka.

Astoria after breakfast & spent some
time at store, looking out various
things & finding some interesting
skulls etc., as well as numerous
reindeer antlers of which a number
purchased. Back on board about
11 to receive prearranged visit of
the Governor, who called first on the
man of war & was selected. Had
some conversation with him, but did
not elicit much of interest. Lunch
& a return call on the Captain of
'Albat', Russian fur boat, then in
order. Arrived to take some photos.
& look at rocks along harbour before
all time consumed in Arruonnis
& so sent my card with epilogues,
St. George & the Tronde Colling. Were
delighting. Got a number of plates, of
iron, monuments etc. The Comd'rs
well supplied with these, having one

September 8, 1891. Mr. [illegible]

[illegible]

[illegible]

[illegible]

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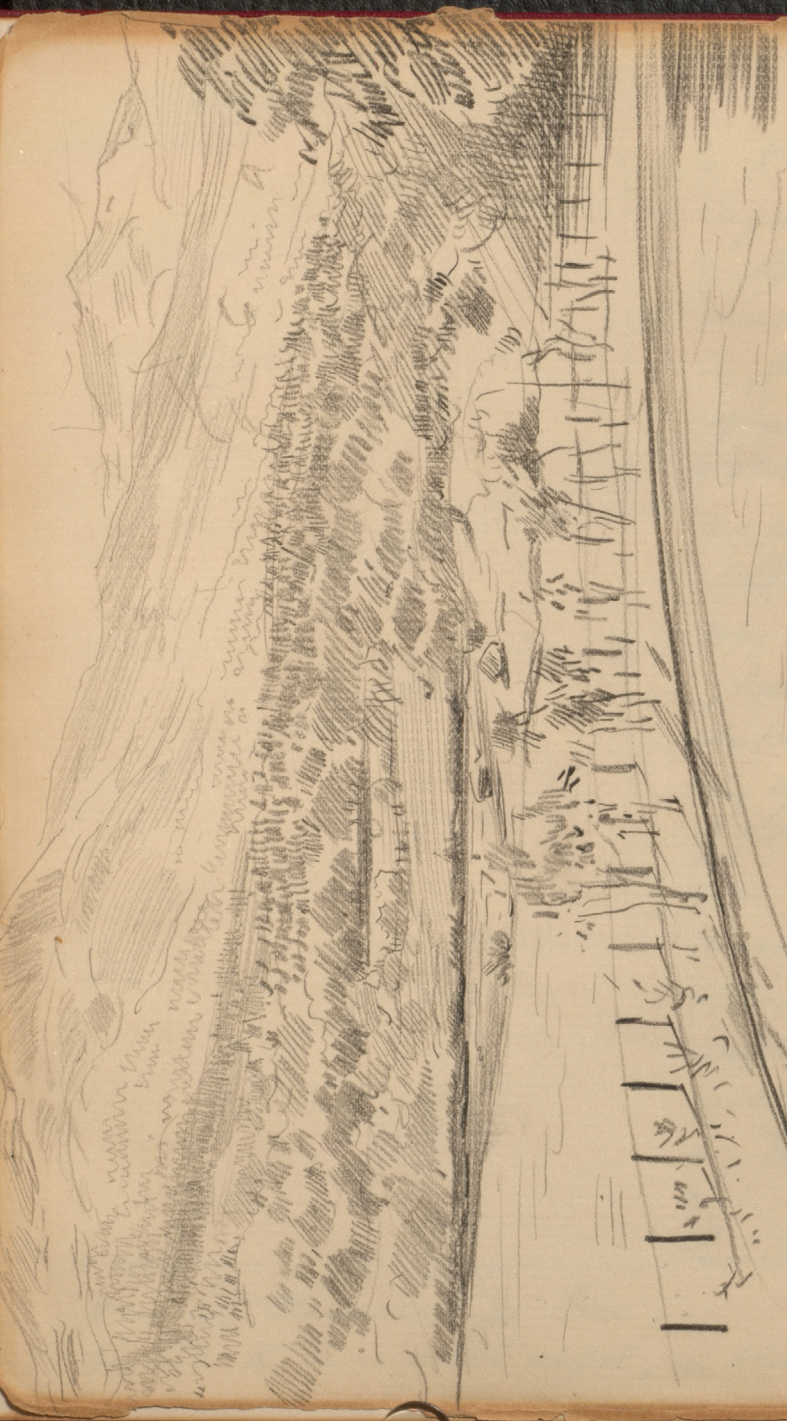
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From the Window of Round House May 28 92
S. W. C. Hall

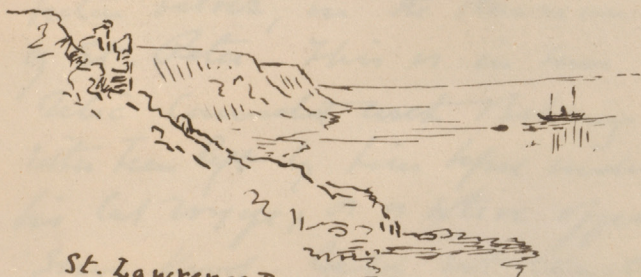
Сейчас же востановлен
и храм в память о востановлении
и востановлении востановления
и востановлении востановления
и востановлении востановления

СВ. АТМ.

17 ЕТР

Encription in Russian or Silver of picture
Cathedral in Old Church. Petrovskaya
Sep. 8. 1891 (Part of manuscript working)

to memory of Behring, one of
the defence of 574 against the English
& French, a cross of wood to the
memory of Seferovic & a Wevroid
Chapel & Cross to the English, French



St. Lawrence I.
Aug 15. 91.

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away & with it part of the inscription.
What remained of it was carefully
copied out by the Governor for me, but
Mr Lindquist was unable to
translate it - saying that the Russian
was too classical for him.
visited the Wevroid chapel, in which

sericeus

adriano

campidoglio

caeser

17ETP2

Silva y picture

Petropoulou

(w/ manuscript writing)

Ce

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sp

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myc

to memory of Behring, one of
the defence of 574 against the English
& French, a cross of wood to the
memory of Seferovsk & a Wevornid
Chapel & Cross to the English, French
& Russians who fell in the engagement
of 1854. There is also in the old
Church a picture, largely covered with
beaten silver, in the Russian style,
of St. Peter. This is in some way a
relic connected with Behring, having
either been left by him before undertaking
his last voyage, or a votive offering of
some kind. Could not exactly get
the true history of it. Evidences are
ambiguous. Part of the edge of the lower
part of the silver is worn or broken
away & with it part of the inscription.
What remained of it was carefully
copied out by the Governor for me, but
Mr Lindquist was unable to
translate it - saying that the Russian
was too classical for him.
visited the Wevornid chapel, in which

[Faint, illegible handwriting on lined paper]

A commemorative service of some kind
is held every year. Picked up some
additional objects of interest in the town
at then took on board, with a boat
full of articles etc. Capt Burr
a crew of his officers & crew &
talk kept up till nearly midnight.
After some trouble & difficulty Capt.
Burr has arranged with the Governor
to allow him to take sufficient coal (
about 300 tons) to carry him on his
way back to Japan. The coal here at
present comes from mines worked by Russian
Cossacks in Saghalien Island. The
mine is situated at Dui. It is that
used for Russian fleet at Vladivostok etc.

Sept. 9. Had intended leaving pretty early,
but put forward time to noon, in order to
give Capt Burr opportunity to complete his
mail. Found this morning, however, that
the engines would not be ready for service
till 5 P.M. Spent part of day writing etc.
& had a stroll along the beach on
east side of bay, looking at rocks etc.

[Faint, illegible handwriting on lined paper]

Had farewell interviews with Capt. Mann,
Mr. Lindquist etc. Got up anchor
& left about 6 P.M. & before long began
to feel the roll of the Pacific again as
we gained the open sea beyond Avacha
Bay. Another magnificent day & quite
oppressing warm waters for a time.

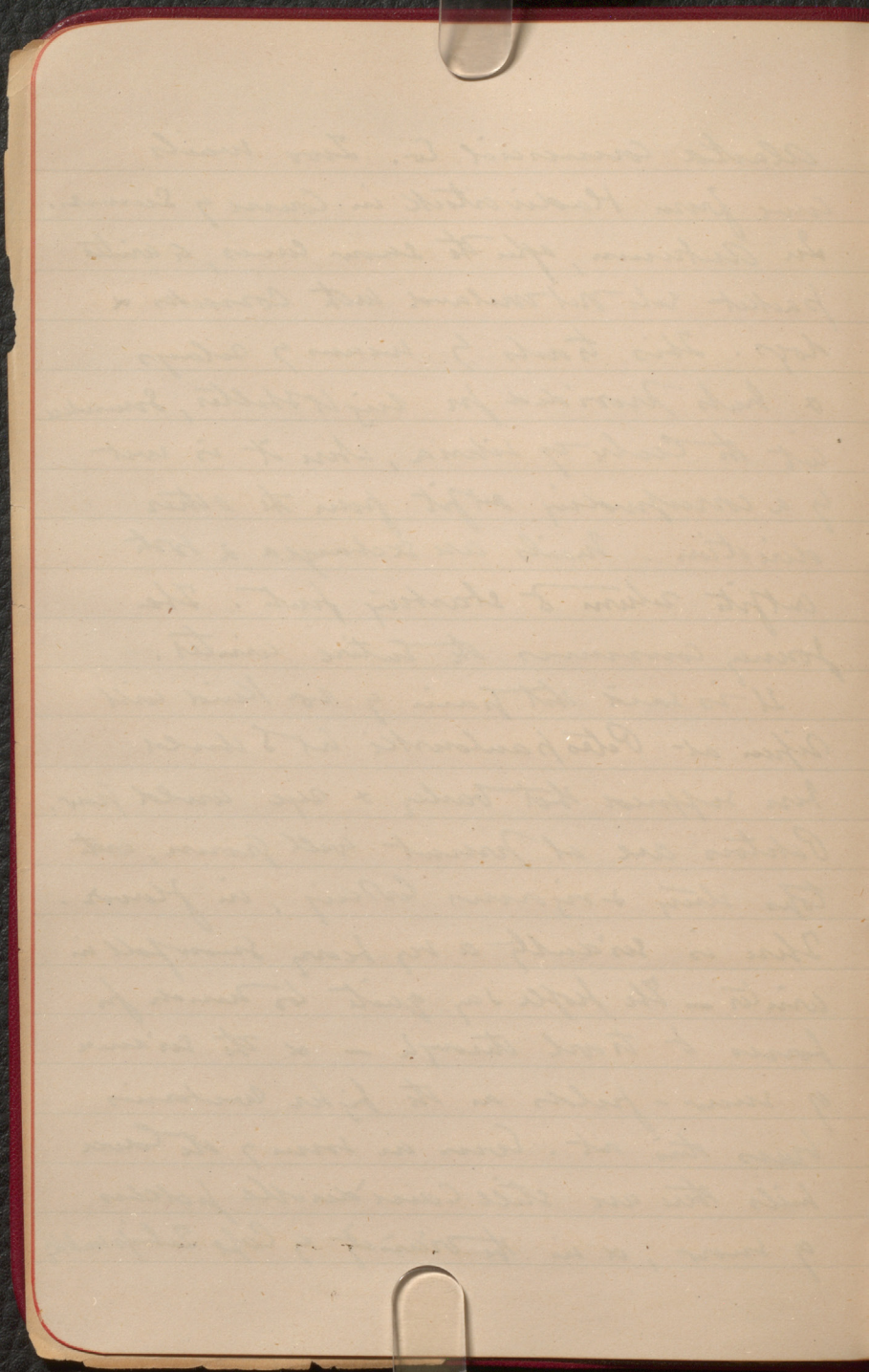
Sky almost cloudless in the morning, but
in Peta a few clouds collected about the
high mountains. A beautiful yellow
glow at sunset with fine colors over the
mountains & land. This was a church
holiday in Petropoulouki, stores closed
& people aimlessly strolling about. Had
about a pair on deck for a time with
natives bringing skins etc etc to offer
for sale. Purchased a very odd looking
robe made of red pt ~~skins~~ ~~fox~~ tails
sewed together, paying \$20 for it.

The postal communication with Peta.
is by way of Vladivostok, with the
exception of occasional & unofficial mails
from San Francisco, sent in by the

[Faint, illegible handwriting on lined paper]

Alaska Commercial Co. Two mails
come from Hadivatsok in course of summer.
In Autumn, after the snow comes, a winter
packet sets out inland with Caribos &
dogs. This travels by means of relays
& huts provided for night shelter, some take
into the Centre of Siberia, where it is met
by a corresponding outfit from the other
direction. Mails are exchanged & both
outfits return to starting points. The
journey consumes the entire winter.

It is said that grain of no kind will
ripen at Petropaulovsk but I should
have supposed that barley & rye would grow.
Potatoes are at present well grown, with
tops strong & vigorous looking, in flower.
There is evidently a very heavy snowfall in
winter - the people say quite too much for
horses to travel through - & the volume
of snow - fields on the higher mountains
bear this out. Even on some of the lower
hills there are still considerable patches
of snow, & in the vicinity of Cape Ishikunsky



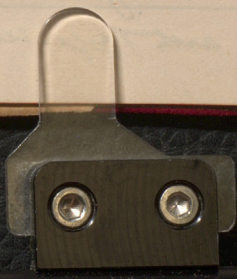
Remains of heavy winter drifts were seen quite down to the sea level under high banks. The climate is evidently better on the whole than that of the Aleutian Islands - probably not nearly so wet. At the same time it must be worse severe in winter, so that the whole winters full of snow remains intact until spring.

The actual harbour of Petropaulovskii freezes completely over & the ice is deeply covered with snow. Capt. Blair states that such in way there is plenty of snow all about the shores.

One of the most striking things about this part of the world is the character of vegetation on the hills. At all lower levels & where sufficient shelter guarded with trees of medium height & picturesque appearance - something like the fruit trees in an old orchard. Between & about these sunny glades & wide stretches of scrubby bushes, very difficult to travel through.

There are also a few scrubby pines of some kind, with large-seeded cones, ~~like~~

[Faint, illegible handwriting on lined paper]



observed some of the children eating
nutlets from. Anywhere in the American
Coast the hills would be covered with
conifers growth of some kind, as if the
climatic conditions sub-arctic would at
least show coniferous scrub. Cannot
explain here the appearance instead of
hard wood trees. Somewhere in the
interior trunks of good growth must
occur, for numerous straight & well
shaped dug-out canoes of considerable
size are in use about Peter. These
probably come from the valleys of the
larger rivers. It is also said that
in the interior good west timber -
conifers of some kind - occurs.

The inhabitants of Petropaulovskii & vicinity
are Russian among others with probably
some half-breeds or 'Creoles' but natives
of Kamtschatka. These it appears are
now only to be found further in
the interior.

[Faint, illegible handwriting on lined paper]

Geology. Kamtschatka is preeminently a volcanic region & the most striking feature of the portion seen is the symmetrical conical volcanic mountains, of great height. Some of these are still active & from time to time in eruption, though generally showing only a little escaping steam & more often not even this token of their occasional activity: others are not known to have been active within historical times.

Besides these conical mountains, there is however, much irregular mountainous & hilly land, which from its form alone does not indicate whether composed of volcanic or of other rocks. Very probably this also may be largely volcanic, but if so it has been denuded & sculptured out into systems of hills & valleys like those of some of the Allutian Islands, already described. This denudation may be supposed to have occupied some part of the Tertiary period.

Judging alone from the forms of the

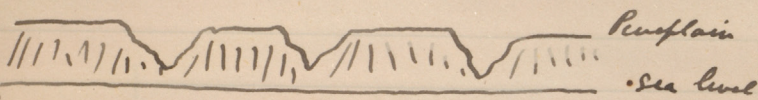
[Faint, illegible handwriting on lined paper]

land, there is along the coast signs of a still more recent plane of marine denudation. This was observed particularly about Cape Ishikawski, where it joins the end of the promontory & fringes the bases of the higher hills sometimes for a width of a mile or two. At Cape Ishikawski, estimating from height given on chart, this plane reaches 700 or 800 feet above the present sea-level & its lower parts may be about 600 feet above the same level.

Traces of the same or a similar plane, though at a somewhat less height, are seen in the vicinity of Avacha Bay. At Cape Ishikawski this narrow peneplain has itself ^{since} been cut through by narrow V-shaped valleys leading to the sea. Most of this valley cutting seems to have occurred while the land stood say 50 to 100 feet ~~above~~ below its present level, as the valleys are not cut down to the present sea level but terminate at scarps or low cliffs, while between the valleys stand high sea-cliffs.

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approaching to the full height of the
peneplain; thus —

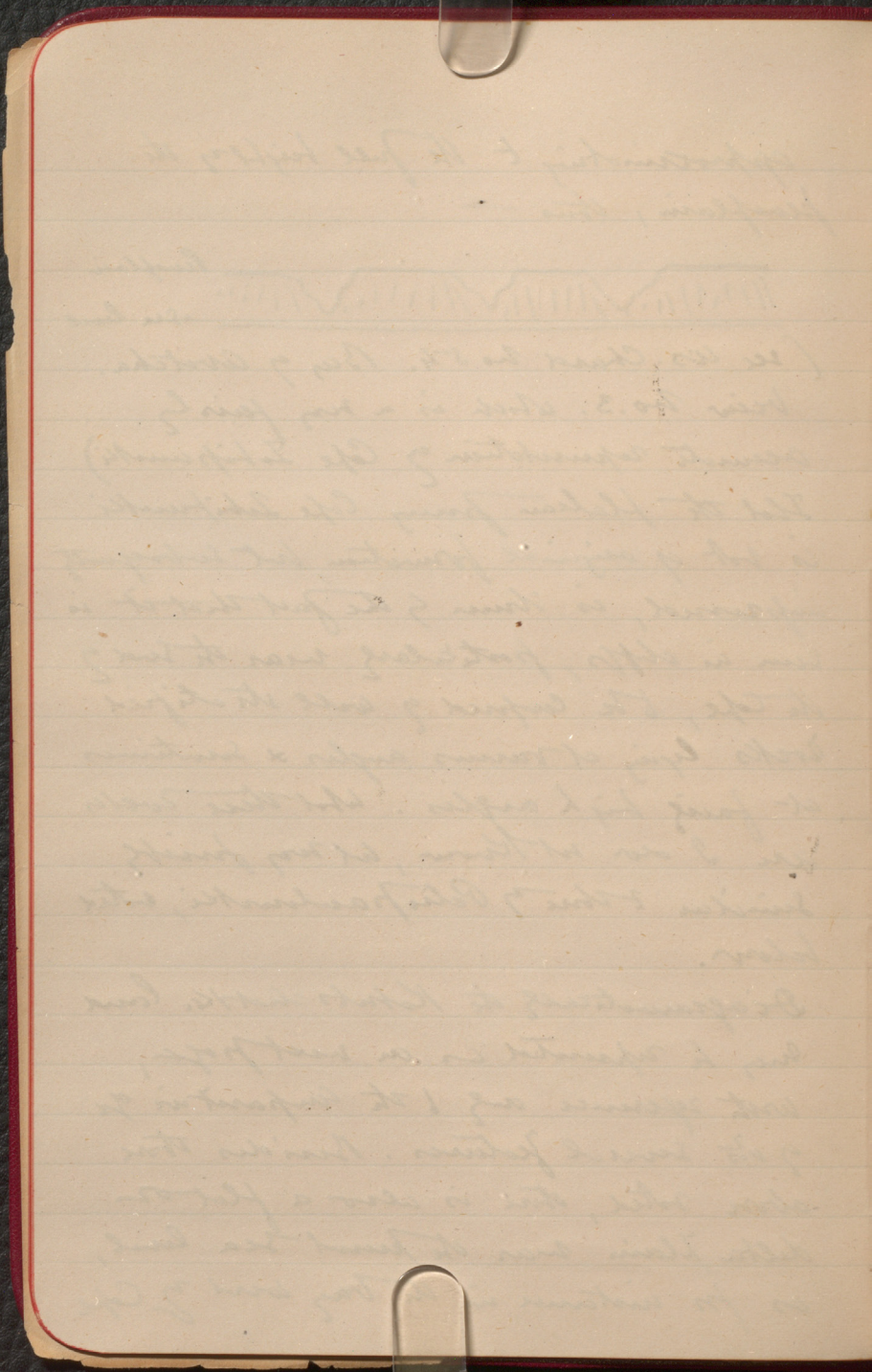


(see U.S. Chart No 54. Bay of Avetcha.

view No. 3. which is a very fairly
accurate representation of Cape Zebitsunski)

I hold the plateau forming Cape Zebitsunski
is not of original formation, but subsequently
upraised, is shown by the fact that it is
seen in cliffs, particularly near the end of
the Cape, to be composed of well stratified
rocks lying at various angles & sometimes
at fairly high angles. What these rocks
are I do not know, but very possibly
similar to those of Petropaulovski, noted
below.

Diagrammatically the Ketschschette Land
may be represented as an inverted cone,
with reference only to the comparison in ge
of its several features. Besides those
above noted, there is also a flat or
delta plain near the present sea level,
as for instance in the bay west of Cape



Istisunaki & about the mouth of the
Aracha River.



S.S.

1. Old denuded high surface.
2. Peneplain
3. Active or recent volcanic cones
4. Delta flats at near present sea level
(Should be shown lower & more flat)

Faint, illegible handwriting at the top of the page.

Faint, illegible handwriting in the center of the page, possibly a list or notes.

On the East side of the harbour of Petropaulovski, behind the town, a faintly impressed level line seems to indicate a terrace or incipient terrace at a height of about 25 feet above the present sea level, but apart from this no evidence of terracing observed. No evidence of erratics or of boulder clay noted or of striated rocks, though it must be added that no good locality for observing striation on unweathered surfaces of hard rock were met with in my limited examination made about harbour of Petropaulovski.

At Bitchebinskaya Bay near Cape Ishipsunski (E. side of bay) specimens of a peculiar grey trachytic? rock collected by Malcom, but no knowledge obtained of composition of strat. rocks of the Cape.

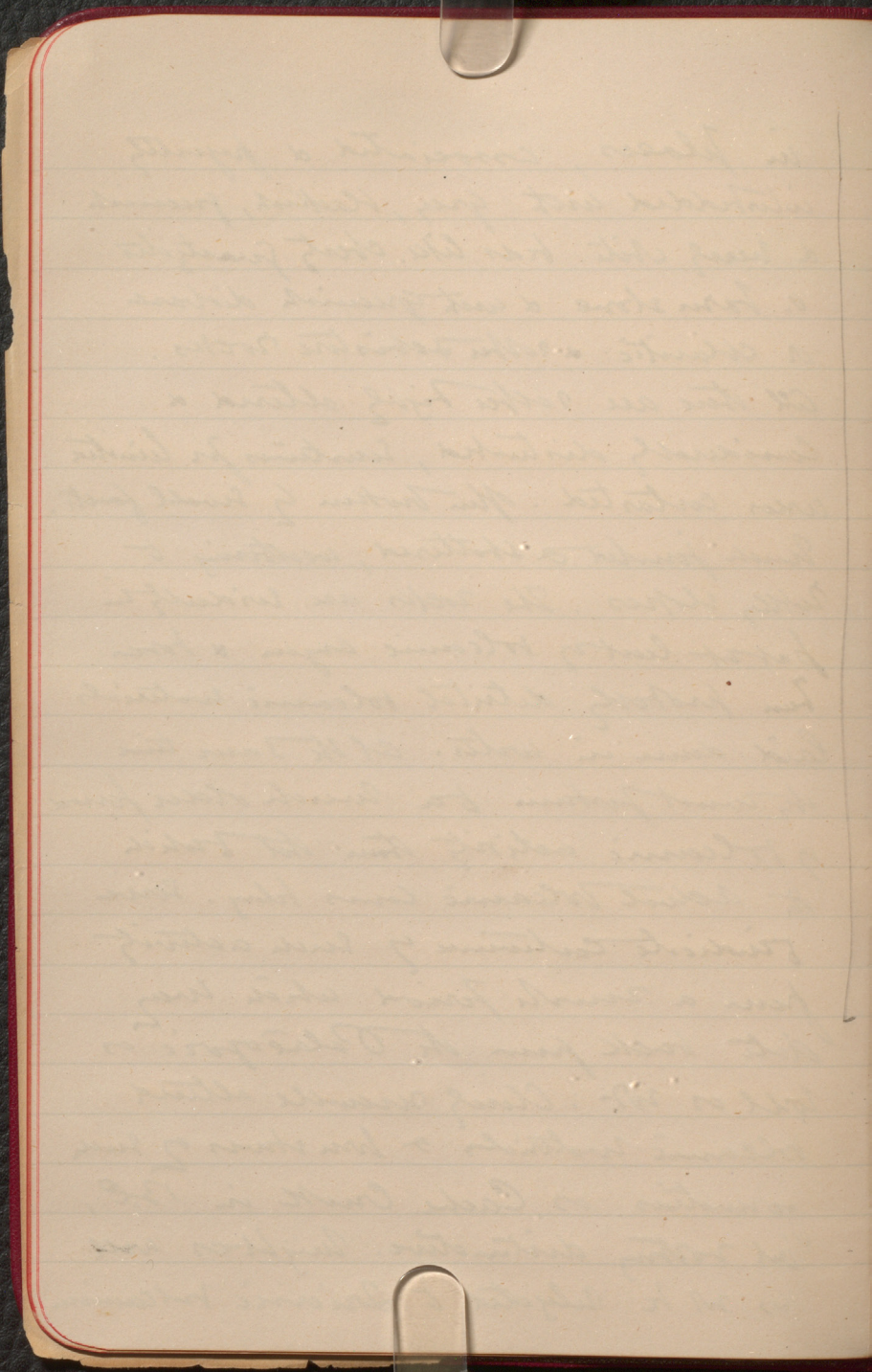
About Petropaulovski Harbour, the rocks are well stratified, often in regular layers of a few inches in thickness. They consist of grey & greenish felsite-like materials generally quite fine grained & finally approximating to amygdalites

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in places, associated & frequently
interbedded with grey, blackish, greenish
& nearly white beds like cherty quartzites
or horn stone & with greenish diabase
& chloritic & other diabase rocks.

All these are rather highly altered &
considerably disturbed, sometimes for limited
areas contacted. Often broken by small faults.

Much jointed & shattered, weathering to
rocky slopes. The rocks are evidently in
part at least of volcanic origin & have
been probably detrital volcanic materials
laid down in water. At the same time
they must pertain to a much older period
of volcanic activity than that to which
the actual volcanic cones belong. Some
to indicate continuance of such activity
from a much period which may
date back from the Palaeozoic or
well as M. C. Clearly unaltered
volcanic materials & horn stones of such
formations as Cache Creek in B.C.,
but nothing distinctive. Might as well
as M. C. be related to Tertiary volcanism.



↳ Cretaceous or even possibly to Tertiary.
But unlike in general facies to the
rocks noted at Alton Island off the
harbour entrance.

Attitudes of these rocks varied & somewhat
irregular, though in vicinity of harbour
predominant southerly dips at fairly high
angles & evidently several thousand feet
in thickness exposed. At coal deposit
near W. side entrance to harbour

D. S10°E \angle 30°. Similar dips all along
this side of harbour. About a mile beyond
spit, on E. side of H₂, in low cliffs, similar
rocks D S40°W \angle 60°, but in following
stone into harbour rather varied & irregular
dips. Further out, beyond the deep bay
on E side of Harbour stratification appears
nearly horizontal in some of cliffs.

Sept. 10. Steaming eastward all day.
Remarkably fine & nearly calm, with
very light swell. Wrote most of notes up
to date. Saw a good many seals sleeping
on the water this afternoon.

October 20 - San Francisco to Berkeley
The weather in San Francisco was
with the usual fog and rain.

October 21 - Berkeley to San Francisco
The weather was very foggy and
rainy. The trip was very slow
due to the weather.

October 22 - San Francisco to Berkeley
The weather was very foggy and
rainy. The trip was very slow
due to the weather.

October 23 - Berkeley to San Francisco
The weather was very foggy and
rainy. The trip was very slow
due to the weather.

October 24 - San Francisco to Berkeley
The weather was very foggy and
rainy. The trip was very slow
due to the weather.

Sept. 11. Steaming eastward, headed for
St Paul Island. Moderate sea in am.
becoming heavy & stout in P.m. Steamer rolling
by being & dinner conducted with the greatest
difficulty. At noon. Lat. $53^{\circ} 50'$ Long. $169^{\circ} 31' E$

Sept. 12. Some strong wind from N.W.
during night & continued heavy sea
through night & all day, though becoming
easier & more regular in P.m. Wind falling
& turning E.W. in evening. Steamer very
lively & uncomfortable. At noon Lat. $54^{\circ} 32'$
Long $175^{\circ} 22' E$.

Sept. 13. On toward St Paul Island.
Pretty heavy sea all day. no incidents.
At noon Lat. $54^{\circ} 51'$ Long. $178^{\circ} 37' W$.
Had a short preliminary discussion with
Sir George today about division of work
in writing final Report

Sept. 14. Wind light & sea moderate, but
steamer rolling in very uncomfortable
fashion with much lurching. Engines

Sept. 11. Steady rain all day
at Port Clinton. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 12. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 13. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 14. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 15. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 16. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 17. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 18. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 19. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 20. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 21. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 22. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 23. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 24. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 25. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 26. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 27. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 28. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 29. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10
Sept. 30. Fine day. Arrived at 10
and had a look at the steam
for half an hour. Arrived at 10

Stopped for about half an hour during
day to make some slight repairs. Lat at
noon $56^{\circ} 20'$ Long. $172^{\circ} 42' W$.

Had hoped to make land of St Pauls before
dark, but failed to do so. Showery &
cold weather but fine looking & no fog.

Nearly clear, & moonlight night enabling us
to make the land off St Paul & get into
bay opposite village & anchor. Came to
anchor at 11.50. Some small or 'sand' coming
in from the westward, together with a little
wind, but not enough to make the anchorage
uncomfortable.

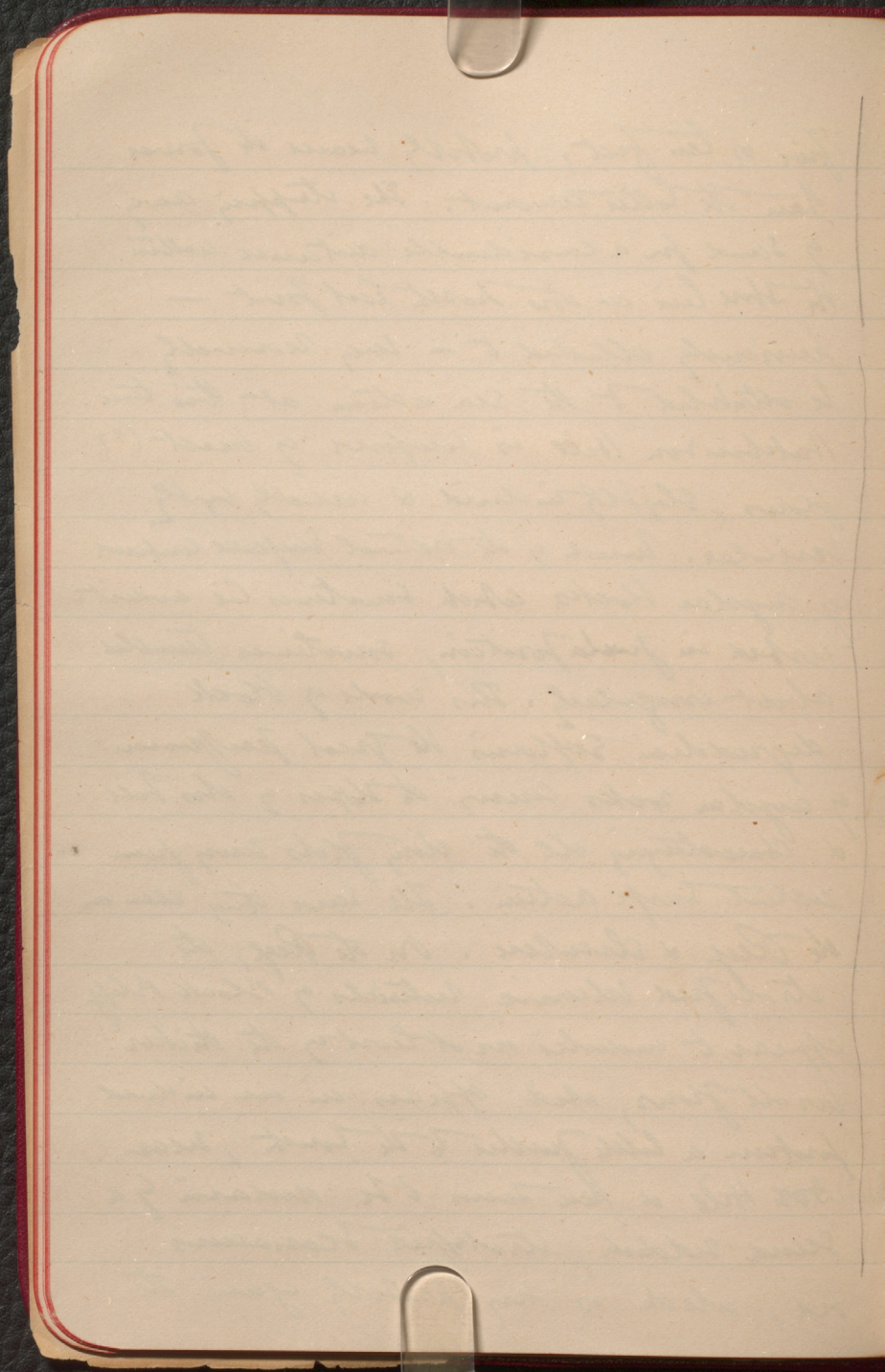
Sept. 15: Breakfast at 7 am, & during
progress steamer moving round to anchor
off Black Bluff, where with this westerly wind
there appears to be a better chance for landing.
Ashore & had talks with Redpath, Baldwin,
Col. Barnes, Fowler & Mas. Then out
along Reef Rockery & carefully inspected
it, taking a number of Kodak shots.
Back to village, meeting Dr. Atkin, &
new arrivals. Arranged with Redpath

End.

to telephone our air plans & notices
at N.S. Joint, & steamed off for that
place, where landed early on beach on
South or Lee side at about 2:40. Cruised the
narrow neck of the North Shore & examined
rookeries all round the Joint, stopping some-
times on Hutcheson Hill & taking half a
dozen photos there. Back on board about
6 P.M. Arranged to remain here at anchor
all night & start out 6 am. for an
Eastward cruise & then to Umanokka. Day
wonderful for the most, though ~~perfectly~~^{occasionally} shivery
& overcast most of time. Fine cold sea
felling in on North Shore of island & amusing
to watch the seals, both old & pups playing
& diving about among the breakers with the
utmost unconcern. Great abundance of
bones of whales & walrus scattered over
the beach flats at a height of a few feet
above the highest high water line. As it is
quite impossible that there have been Carved
here at any time they would appear to
indicate pretty certainly a rather recent
uprising of land & an amount of perhaps

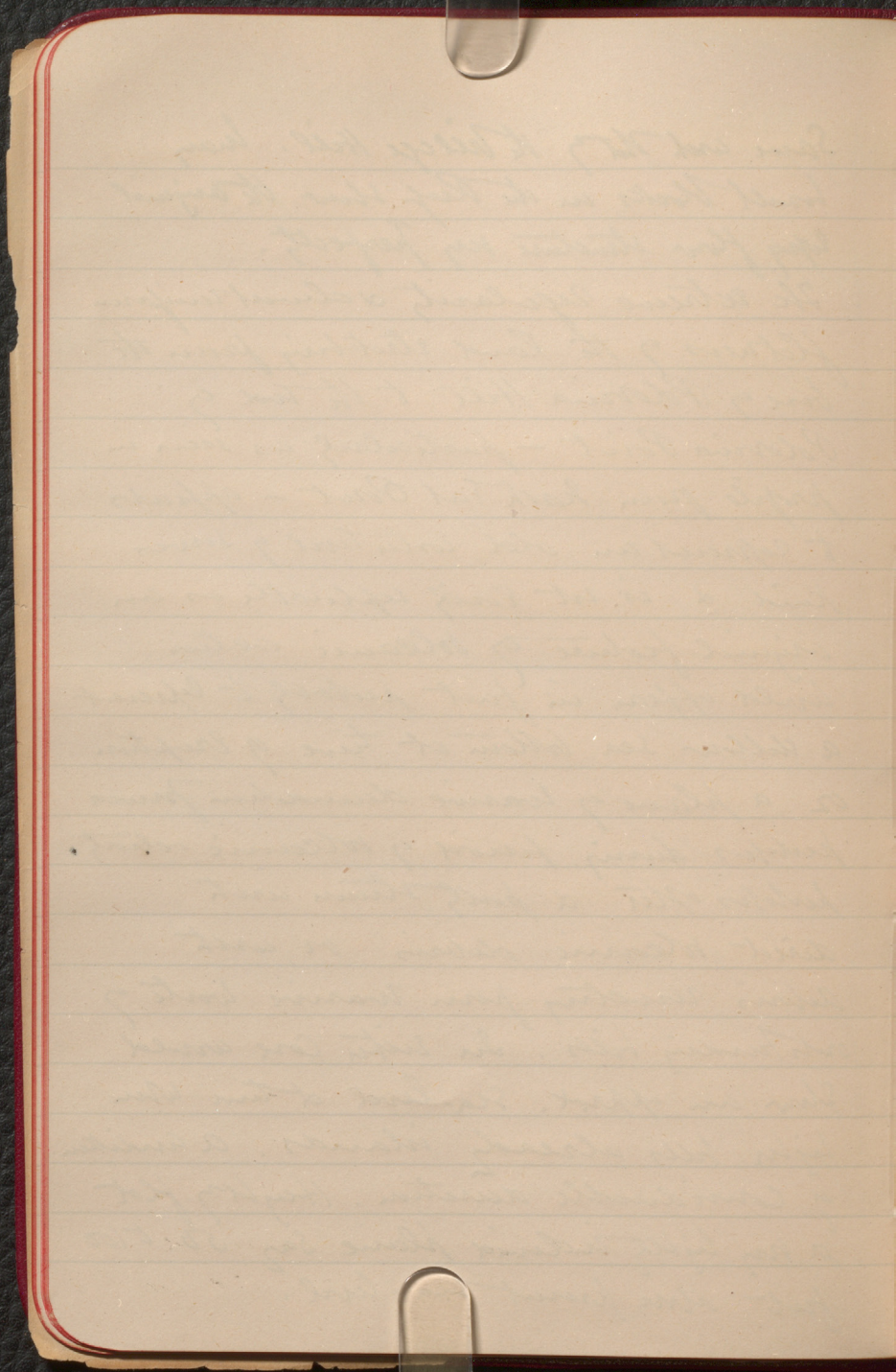
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Five or ten feet, probably means the former
than the latter amount. The stripping away
of sand for a considerable distance within
the Stone Line on the North East point —
previously alluded to — may reasonably
be attributed to the sea action at this time.
Hutchinson Hill is composed of basalt (?)
flows, slightly inclined & usually highly
vesicular. Much of the actual surface composed
of angular blocks which sometimes lie undist-
urbed in juxtaposition, sometimes tumbled
about irregularly. This mode of block
deposition explains the great prevalence
of angular rocks covering the slopes of this hill
& characterizing all the elongated ridges away from
actual surface action. The same thing seen on
the Reef & elsewhere. On the Reef, the
stratified volcanic materials of Block Bluff
appear to underlie or at least to be thicker
over the flows, which appears in an inclined
position a little further to the south, near
the Hill & here seems to be overlain by a
second reddish, stratified lacustrine
bed, which is very probably again the



Same work that of the Village Hill. Many
broad blocks in the Reef show the original
level flow structure very perfectly.

The extreme regularity & almost uniform
flatness of the land stretching from the
base of Polovina Hill to the end of
Polovina Point - particularly as seen in
profile from North East Point - appears
to represent an old water level of some
kind & is not easily explicable as an
original feature of volcanic action.
Would appear in fact probably to represent
a shallow sea bottom at time of eruption
or a plane of warlike denudation formed
perhaps during period of volcanic activity,
perhaps after a path stream with
direct volcanic debris or with
debris remoting from warlike work of
outstanding hills. In either case would
show an approx. sea-level at time when
higher hills already islands. A condition
of considerable duration. Height flat
a very slight inclined plane say 50 to 100
feet above present sea-level.



Sept. 16. Anchor up at 8 Am. & steamed
off to the Portward, making about 110 miles
before dark at 7 Pm, & looking at the
seals in this direction. At 7 Pm changed
course & made toward Unalaska. Found
close to 2 spoke the whaling bark 'Lydia' this
Pm. A regular old-fashioned whaler,
plunging about in a lumpy sea. Very friendly
looking on the sly or perhaps serving as
a depot for Schooners! Got a couple of
Kodak shots at 7 P. Day pic or with
only occasional showers, but rather cold.
Glimpses of sunlight.

Sept. 17. Very clear this morning & the
high mountains of Unalaska in sight
from daylight. Passed & exchanged
signals with the U.S. Man-of-war
Tosican about 1 Pm. Got into Uliksuk
Har, Unalaska between 4 & 5 Pm &
anchored. Found the Hypph & Bear
(U.S. Revenue cutter from the Arctic) in outer
harbour. Rush in inner harbour. A
Codying found discharging coal at the latter

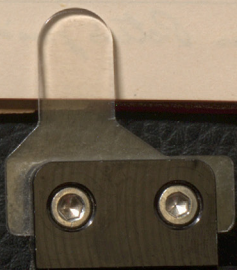
Sept 10
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Sept 30

Wharf & the Steamers Costa Rica & Alki
here is before. Barometer falling all day
& south-westerly wind with rain beginning
as we reached the harbor. Soon freshened up
to something like a gale, with heavy squalls
of wind & rain. Capt. Turner & Myograph
Came on board & afterwards to dinner at
7 P.M. He brought from San Francisco
papers & dots as late as Aug. 15. Which we
spent some time in looking over after he left.
Arranged about cooking, watering etc. tomorrow,
preparing to continuing Cruise to Sitka etc.

Sept. 18. Dante went aboard Collier
Costa Rica early this morning & employed
all day there taking coal with aid of a
detachment of men from the Myograph. Call from
Capt. Coulson of Rush & Mr Stanley Brown.
also from Capt. Turner. Went to fore-hold
with Malcolm & arranged stowage of Seal
Skeletons & Phytoria Tones. After lunch
call from Mr Jarvis from the Revenue
Cutter Bear. Intended a party of
notions under Peter's guidance, about



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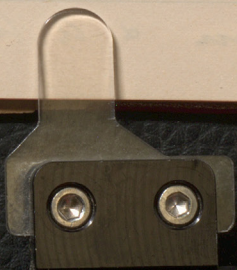


Killing of seals round the Eastern part
of Aleutian Islands. Went ashore in
steam cutter from Kezunoph. Saw Mrs Neumann,
Col. Murray & others. Called on Capt.
Coulson but found him gone from town. Then
called on Capt. Holy of Bear & had some
conversations with him, his wife & Dr Sheldon
Jackson. He has a small herd of
reindeer on board, went by which he
proposes to place on some one of islands
here, the ultimate object being the improvement
of condition of natives. Evening writing letters,
changing photo. plates etc. Found that loading
proceeds slowly & before we will have
finished this & waiting tomorrow may
probably be consumed. This will delay our
start till Sunday morning apparently.

Sept. 19. Writing letters this morning
& attending to other little matters. Calls
from various people. In P.M. Called on
Capt. Coulson of the Rush & afterwards
spent some time ashore with Mrs Neumann.
Mrs Neumann & a Mrs McQuinn,



[Faint, illegible handwriting on lined paper]



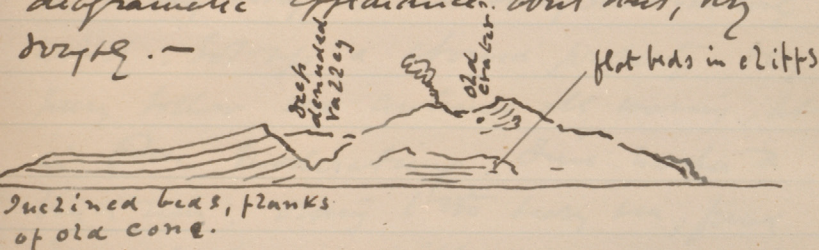
a newspaper correspondent who came
up here on Schooner Otto - subsequently
sailed - who is now looking for a
passage south which we cannot offer him.
Blowing a gale of wind all day &
apparently gay wind from S.E. to Southward
& westward. Broken clouds & occasional
sunshine.

Sept. 20. Very heavy wind all night, but
slackening off toward morning. Set away
about 7 am., steamed out of harbour
& stopped a course for the Unimak Pass.
Nymph left shortly after us, going by
Unalga Pass & steering straight for
Sitka. Found a rather lumpy westerly
sea & some wind from same direction
outside. On getting through the pass met a
heavy South-westerly sea, & being to go
in trough of sea did some rather heavy
rolling, though ship now in pretty good
trim. A beautiful clear moonlight &
starlight night. Had a pretty good
view of Akutan & other islands & of

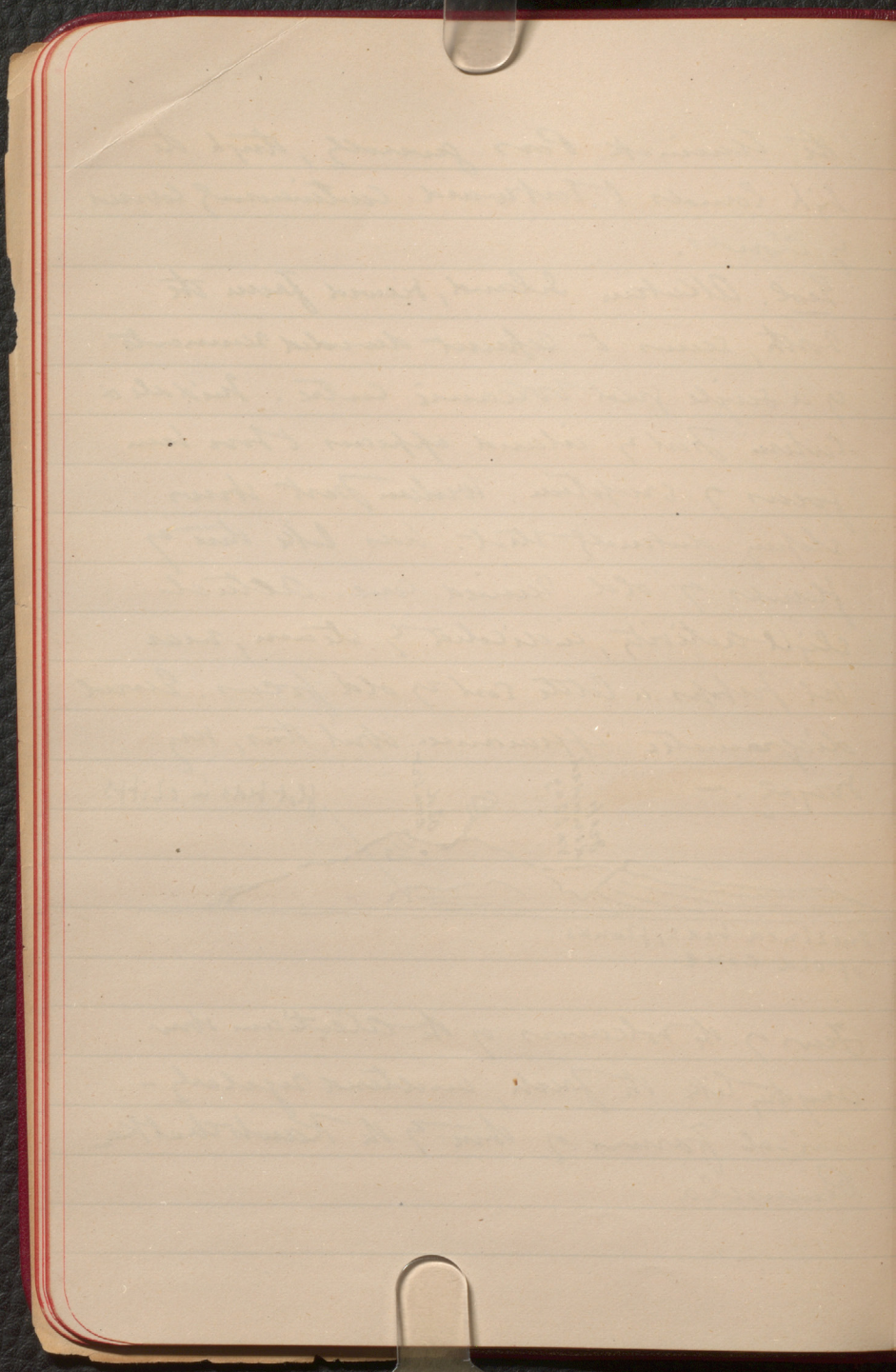
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The Umanak Pass generally, though the high lands to eastward continuously covered by clouds.

Geol. Alkutau Island, viewed from the north, seems to represent denuded remnants of a single great volcanic centre. Middle & eastern part of island appears to have been focus of eruption. Western part shows sloping, distinctly strat. beds like those of flanks of old ruined cone. Actual slight activity, indicated by steam, near but perhaps a little east of old focus. General diagrammatic appearance. About thus, very dryly. —



Few of the volcanoes of the Aleutian show anything like the fresh, unaltered regularly-conical forms of those of the Kanto-Chalka Peninsula.



Sept. 21. Steaming North-Eastward - all day, steering for Alitak Bay, Kodiak, where proposed to call. Onset of misty South-Eastward backing to Eastward wind & falling barometer, but no fog as yet. No wrecks in sight for several hours this morning. Air-pump for working engines was stopped to make repairs for about half an hour this evening.

Sept. 22. Wakened about 2 am. by general jolting away of things & found ship in a very heavy sea with strong South-westerly wind. Got up a stormy prospect. Very heavy hollow sea continued all morning, but in P.M. moderating. Fine weather & bright sun. Owing to the heavy sea, found it would be impossible to anchor in Alitak Bay, which is quite open to the E.W. Decided to make an call at St Paul village, at the other end of the island. Land in sight, but very distant, the Captain keeping a long way off shore.

Sept. 23. Early clear during night, & in
morning found ourselves off C. Barbados.
On clay coast of Kadiak Island, round
Point Greenville & into harbor of St Paul.
Landed in boat, meeting first Customs
Collector Mr Bretton, then agent of Alaska
Commercial Co Mr Washburn. The collector
has been here for 13 years & was therefore able to
give some information about fur-seals etc.
Finding that little was to be done here, returned
to 'Dumale' & got up anchor & steamed
off for the eastward about 5 P.M. Weather
has been generally fine since leaving,
sky being obscured, barometer falling etc.
a North-Easting wind & gloomy appearance
when we left.

Ed. As seen from the sea, the interior of the
South western part of Kadiak Island is
occupied by a high, rough & very range of
mountains, of which some of the peaks are
probably 5000 feet in height. This runs with
the length of the island & resembles some
parts of the D.C. Coast Range, being apparently
composed of Granite or metamorphic rocks

and without any appearance of volcanic origin. From Cape Barrobas to Lyall Bay the land forming the Coast & extending back to the mountains are mentioned, is characterized by bold & rather steep sided blunt topped hills & truncated ridges of a few hundred to probably 1000 or more feet in height. There are in cliffy scarp toward the sea but no far as seen do not form bold sea-cliffs. Weather dull & irregular & from the appearance of being composed of rather indurated stratified rocks such as shales or slates.

Beyond Lyall Bay, to the N. Eastward, the outlines of the hills are much more irregular & varied, rough in detail & very generally there is distinctly some change in the composition of a considerable area in that direction.

Port Erville & vicinity, with the islands & shores of Chimik Bay, so far as seen, seem to consist of stratified rocks of somewhat altered appearance, dark grey or black rock & possibly for the west part argillites bedded or slaty.

Rocks were closely examined in the harbours of

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El Paul consist of black or dark grey
argillites, sometimes affected by shaly cleavage,
with ^{dark} grey sandstones or granularis. These
strike about N.E. - S.W. with the run of the
inlet or channel which forms the harbours &
dips at high angles to vertical. From D.C.
analysis would be inclined to regard these
rocks as Triassic or older Cretaceous, but
could find no fossils at the first where we
landed.

A low rock, probably a few feet above the
water in the channel of the harbours, appeared,
as we passed in the boat, to be distinctly
shaped by glacial ice, which had moved
from S.W. to N.E. along the valley occupied
by the channel.

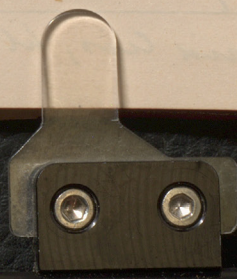
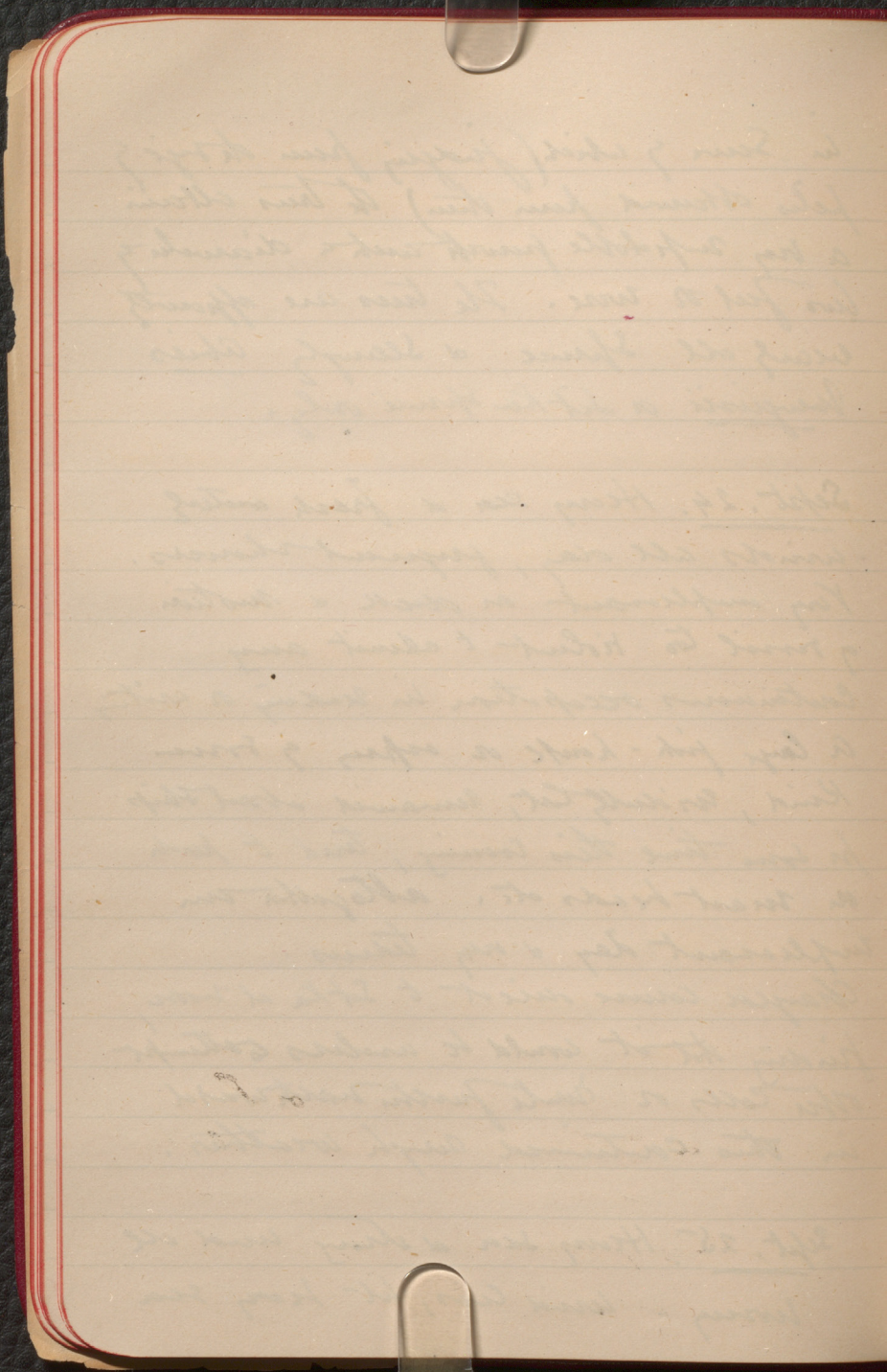
The south western part of the island of Kadiak
is treeless & covered with grass & sedge &
sedges on the hillsides. Scrub of shrubby growth
begin about Cape Sannabar, & appear
in the valleys & streams & the north eastern
part of the island is dotted over with
single trees & ferns, which colled together
in some places into considerable woods,

in some of which (judging from the size of
piles obtained from them) the trees obtain
a very respectable growth with a diameter of
two feet or more. The trees are apparently
nearly all Spruce & Seldomly Abies
Menziesii or Sitka Spruce only.

Sept. 24. Heavy sea & fresh westerly
winds all day, frequent showers.
Very unpleasant on deck & motion
of vessel too violent to admit any
continuous occupation in reading or writing.
A large fish-house or osprey of some
kind, evidently lost, remained about ship
for some time this evening, tried to perch
on mast heads etc. altogether an
unpleasant day & very tedious.

Changed course direct to Sitka at noon,
finding that it would be useless to attempt
other calls or route further northward
in this continued rough weather.

Sept. 25. Heavy sea & strong wind all
day. Wind less, but heavy sea

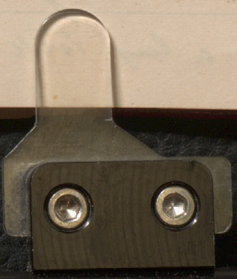


Continued in evening. Very tedious
as work of any kind scarcely possible.
sky bright with floating clouds &
barometer rising.

Sept. 26. Engines stopped about 2 am.
went on deck & found that air pumps had
again given out. Fortunately at time Celtic
wind & sea rather moderate. After about
half an hour got under way again.
On getting up in morning, off entrance to
Sitka Sound. Picked our way gradually
in through the maze of islets which lies
off harbour. Showers & sun alternately
& higher parts of mountains fully thick
covered with new snow. Found Vigotke
& Costa Rica in harbour & anchored
beside them. Corwin & U.S.S. Pinta, also
in harbour. Visit from Capt Turner,
also from Capt. Waynard, of Pinta.
Landed & called on Gunnar & Alaska
Knapp (?) Introduced to several ladies
in his office, also to Judge Baybee
& others. Had a long talk with several



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Settlement there on Selkij, seals etc in
this district. Afterwards with her
visited the Museum of the Ethnological Society
here, a very creditable effort. Walked as
far as the river & returned to town.
Looked up an Indian who had been
recommended to us & asked him to obtain
one or two of the older people to give us such
facts as they could in former conditions of
Selkij etc. Capt. Turner on board for
Anvers. Call in Evng. from Capt. W. S. S. of
the Costa Rica.

Sept. 27. Talked this morning on board
Danville with four Indians, three of whom
hunters, about fur-seal hunting etc, getting
some useful facts about this district.
Called on Capt. Maynard on board
his vessel the Pinta, where also met
Mr. Emmons. Got some information
about Indian villages to southward,
determining us to call at Shokan.
Dr. R. L. Landrum, called at Mr.
Emmons' home & saw part of his

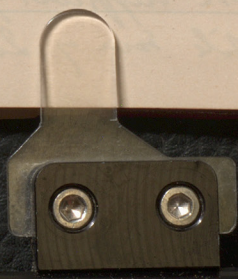
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Illicit Ethnological Collection, photos.
etc. Met Capt Hayward here again &
also Mrs Simmons. Back on board
& off at 4:30 P.M., following Myrtle
out of harbor. Myrtle was bound for
Seymour all direct. Got into a very
heavy fog immediately we reached the
open & had a distressing time rolling
about all night while steaming southward
slowly. Unable to go fast, which would
have decreased motion, as this would
bring us to entrance of Sumner Str.
before daylight.

Sept. 28. Got under way again at
full speed at early daylight this morning
& ran for entrance of Sumner Strait. Soon
got in to less troubled water & before
noon reached Shokan, in north part
of Prince of Wales Archipelago. Had been
recommended to call here by Lieut Simmons,
instead of going to Klawock, he telling
us that Klawock difficult of entrance &
not started while some of Indians would

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likely to find Tern. At Shokan a
Saw-wet & Indian village. Landed &
found an Englishman named Sarel, with
his wife & child & a Dr von Harslocher.
These people had lately purchased the mill
& are going to see what they can do with it.
Sarel is a very good-looking fellow &
the French Dr is a man of varied experience.
Informed us that he is an Alsatian &
had been a surgeon in the French Army, in
Algeria. Afterwards in the Sandwich
Islands & accompanied Queen Emma on
her trips to Europe, then he afterwards for
a time resided at the Hawaiian government.
Has, with Sarel, lately been endeavoring
to make a success of hydroelectric energy
on the Shokan River, at Buck's Bar.
This appears to have fallen through in some
way. Singular to find him & his
partner now stranded in this lonely
place, with only Indians for companions.
Appeared to be delighted to see us, & got
together some Indians, including a couple of
Klawaok people from whom we got some

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interesting evidence in the pre-seal question.
Catched the fish on board for lunch. Got
off again about 3 P.M., a finding that
we would be brought before long, anchored
at 5 P.M. in Protection Port, with end of
Pinnac of Wales Island. Took a row up to
head of harbour before dark & then back
on board. Blessed serenity of rest tonight
in these quiet waters after our experience of
last night.

Geol. at Shokan hard argillite-like rocks
with much grey granitic material lying
about. Had no time to examine carefully.
At Port Protection, see similar rocks, black or
blackish & in some places evident argillites,
hardest. & striking about NW-SE parallel
to vein of induration in coast which forms
this harbour. There are crossbedded with a
rather wavy grey limestone, which shows
on the west side of the harbour. There
stand rocks cut by numerous laminae or
nearly black dykes of traps of some kind.
Too dark to see much of geology.

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Sept. 29. Got off about daylight
a steaming all day through Channels
toward Port Simpson. Capt Myers
being quite familiar with these waters,
able to keep us after dark. Reached
Port Simpson & anchored there about
9 P.M. Very fine clear day, &
calm water enabling me to get through
some work, notwithstanding the difficulty
of so doing because of having to write
in deck cabin at head of stairs where
current passing too a part.

Sept. 30. Landed immediately after
breakfast & saw Mr Clifford, in charge
for H.B.C., Mr Lockery of Company
& a couple of Indians, getting some
interesting additional evidence, particularly
as to presence of fur-seals on coast in the
winter about here. Off at noon for
Netta-Ketta, anchoring there about 3 P.M.
Landed & saw Bishop Ridley, Mr Todd
(Indian agent) & others. Mr Todd
handed over the reports made by himself

Sept. 29. Put off about daylight
a train, all day through channels
around Port of Spain. The papers
and first furniture out to water
the steps in after dark. The
Port of Spain is situated the west
of the bay for the day, a
large area looking out to the bay
is a wide, flat, level, light
in the form of a bay, a wide
channel runs through the

Sept. 30. Lunch in morning at
the Port of Spain, in the
for 11:30 P.M. the school of
a school of children, playing
in the school building, playing
in a number of games, and in some
with that for the afternoon
with the children, the
with a number of children, the
with a number of children, the

a agents at Albat Bay & Hanaimo
(W. Coast Agency) on five seeds in their
respective districts. These reports made in
conformance to my circular of inquiry transmitted
by Sam Vowell. Spent a short time talking
to people & offered afternoon tea by
Mrs Ridley. Off about 5 P.M., for
Port Eslington, on Skeena R. estuary,
where some information to be sought &
where also the Captain informs us he
wrested water & clean out his boilers.
Captain made an attempt to go in by
N. channel, but eventually came to an
anchor about 7.30, apparently finding it
too dark to go further in this narrow
pass. Delay rather annoying, particularly
as Sir George is getting very impatient
& there are still several places at which
we should call. A beautifully fine day
& fine sunset.

Ascertained distinctly today that seeds
found in Heede Straits & Dixon Entrance,
& also begin to see that pretty conclusive
evidence that a considerable portion of the

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fur-seal tribe actually winter along the
B.C. coast. This appears the particularly
indicated by accounts & circular notes
referred to, & if correct & possible will
disprove the supposed emptiness of winter
haunts of seals.

Oct. 1. Got off this morning when tide
sailed down to Port Essington. Found that
we should have to remain here all day
to get water & in consequence of various
difficulties. Saw Mr Cunningham & his
son George Cunningham, a Kit-Kelta
Indian & others from whom got some
evidence of interest. On went & stayed
most of day. Mr Mahood here working
some surveys appeared in some amount
in a pretty well bristled condition during
the evening.

This is the place from which I started
about May, in 1879 for the Peace River
etc - a long trip ended only at
Umanijay in December.

Tobaccian name for
tobacco.

Derivation of name
Skona.

The Tshimians used to obtain the native plant used as a narcotic in place of tobacco in early days, from the Haidas. Haida name of this plant win-daw & this adopted as the Tshimian name. Um-shi-wa is Tshimian for a foreigner, as a white man, & therefore win-dum-shi-wa = "white man's tobacco", the present name of tobacco. So far from R. Cunningham. Intending to note further that Cumshiwa on I.C.S. appears to be the same as the Tshimian word for "foreigner" & that Cumshiwa was one of, perhaps the chief, place where the native tobacco was produced.

Cunningham says that he has made this out as follows, & from his statement I believe him to be correct in his explanation. When he first came, was than 20 years ago the name was written Skeena was commonly known as ak-shen, this being the correct Indian word, from which the

Indian Commerce.

Indians themselves have since been
led away to a great extent by the whites.

ak in Johnsonian = "water"

shen " " = "unlucky"

Find that the latter, or "Unlucky Islands"
is the name of Smith & De Horsey Is
at mouth of Estuary. On these islands
the Indians will not eat even the
berries which grow on the shellfish
from the shores.

ak-shen may therefore be translated
as "river of (or at) the Unlucky Islands".
This seems to afford good presumptive
evidence that the Eskimoes did
not come down the Skeena to the coast,
as has been asserted, but that they
explored the river & occupied it from
the mouth upward, naming it after
the previously known islands at
its mouth.

Find that Cunningham has become -
as he himself states - the principal
intermediary between the Indians
of the upper Skeena & those of the

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Coast, in trade. This river & the
Nass have always been important
trade routes, but in old times the
Nass probably rather than the Stecna,
as the main (local) 'grease trail'
runs on into the interior from the
upper Nass. This way, however, depends
on the great abundance of the
Dolichen on the Nass & may thus apply
to the Dolichen grease commerce chiefly.

In Cunningham's store at present
large quantities of ~~of~~ berry cake prepared
by the interior Indians & brought down
to sell (at very good prices) to the
Indians of the Coast. This berry cake
is neatly made up in packages of 10 or
15-lbs weight, wrapped & lashed in
birch bark. It is of two kinds,
the ordinary Service-berry cake &
cake made of *Shepherdia* berries,
in the Sap-olallie. The coast
Indians again, Mr Cunningham says,
gather large quantities of 'dulse' on
the shores, dry it & press it into

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Cottles, which are highly (and very
justly) valued by the interior Indians.
Cannibals buy lots of these & sell
it to Sandwiches coming down to trade
from the inland. He says that they
chop it up fine & boil it with grease,
before using it for food, but probably
use it in other ways or will.

Oct. 2. Got away about 2 am., when
the tide served & dropped down the
river. Anchored once for a short time, prob.
on account of darkness. When I came
on deck about 8 am. was just outside
Edge Pass. Crossed Hecate Strait.
South-easterly wind, thick & dirty, but
not very strong. Saw only the beaklers
tumbling about point of Rose Spit.
Got into Masset about 3:30 P.M. Went
ashore at once & met Mr Alexander,
in charge for H.B.C., Mr Keen, the
missionary here & others. As neither
of these gentlemen had been long at
Masset, enquired for Mr A. McKenzie

a finding that he lived about 3 miles
away, sent a note to him, asking if he
could come to see us. Had an interview
of an hour or so with Chief Edensaw
& a number of Haida hunters, a son
of Edensaw's proving a very efficient
interpreter. Talked for a time with
Mr & Mrs Keen & then returned on
board 'Danube' where found Mr McKenzie.
He & Mr Alexander dined on board.
Afterwards had a long & interesting talk
with Mr McKenzie, first about fur-seal
question & later on several subjects,
Indians etc.

Found market considerably changed
since I saw it 13 years ago. Still
many totem poles standing & some of them
in good preservation, but most of the
old native houses have either disappeared
or have been abandoned. Commonplace
frame houses of rather small size taking
their places. Even Mr Keen admits that
the old style of house probably healthier

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a better than the new. Saws, hammers,
that work out the old slave labour can
scarcely build now great houses of the
old style. The new houses are made
by the Indians themselves, some of whom
are excellent Carpenters, & are much
cheaper than the old, but requiring
great patches of efforts to secure the
necessary cooperation in construction &c.
Edusam is the same sort of man
here in 78, but now quite an old man &
rather feeble though able to get about & quite
clear in mind & talkative, expending himself
with energy & nerve, when interested. Seems
to remember meeting me here before. Presented
him with a little tobacco as a souvenir.

Oct. 3. Off about daylight, steaming back into
Edie Pass & then on down Steamboat
route, anchoring after dark in Greenville Canal,
near North End. South westerly wind all
day, giving us a little tossing in the short-
sleep sea of Hecla Strait. Blew a
gale this evening: showing thick & dark.

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Soon lying at anchor here we jolt
about a little evening in the choppy sea
blown up in the Channel.

October 4. Off before daylight, & soon
after passed steamer going north, supposed to
be 'City of Topeka'. Later we passed tug
'Chief', going south, just as a couple
of deer sighted close by in the water. G.
Cunningham on the 'Chief' & owing to
changing steering when occupied with the
deer, gave us quite a bump, but without
serious consequences to either steamer. Day
cloudy, with flaking wreaths of mist about
all the hills. Just before entering Milbank
Sound, when nearly dark, ran into a very
dense fog & after a good deal of fogginess
went got into a cove on South side of
Cross Pass & anchored.

Oct. 5. Anchor up early, & got to Bella
Bella about after 8 am. Landed, meeting
Mr Hopkins, Methodist Missionary,
who kindly looked up a number of
Indians who were hunters & assisted us

October 1. Off the coast of
the great ocean for back, returned
to the 7th of the month. Still in the
Chapman, for that part of the
of the night the 2nd of October.
Remained in the Chapman, a day
during which the engine and the
also for a part of a week of October
some repairs to the steamer. By
the 10th of the month I had
left the ship. For the following
part of the month, I was
employed on the 11th of the month
and left at a time in the
month of October.

Oct. 8. Under way, off the
with the 11th of the month, returned
in the Chapman, for the
the 11th of the month.

to interview them. Found the Indians here
have a store which they arrange themselves &
which does most of the local trade affairs,
though Mr. Clayton has also a store here. Eff-
immediately we had finished our talk with
the Indians. When out in the open between
Letcher Sound & N. End of Vancouver,
were passed by the Alaska steamer Mexico,
& nearly at the same time met the Princess
Louise, going north. Got a boat down &
communicated with Louise. Received course
for Behl Passage, intending to collect
Hawitt's village for information. Surprised
to find the S.S. Delander anchored in Shodwell
Passage. Anchored here too at 8 P.M.

Capt Spring came on board. Found that the
Delander had been detained here all day by
fog. Weather fine & barometer high, but
rather stormy as continuing descent.

Oct. 6 Went ashore early in boat, to
Hawitt's Village. Found that many of people
away visiting Holibut & the remainder
rather sleepy & indifferent. Some women

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squatted on the beach letting up holdout.
After a time found a couple of men &
got out some others, including Chief
'Cheap'. Had a consultation with these
people, not being satisfactory because of the
very limited acquaintance they had with
Chinook. Returned on board a hot
breakfast about 9 am. Steamed off to-
wardward, at first in flooring fog banks,
but afterwards clear & a remarkably
fine night. Cruising down along West-
Coast at a considerable distance from
Land. At 8 P.M. slowed down in order
not to reach Clayoquot before daylight.
Packing up in anticipation now of
an early termination of the voyage.

Oct. 7. Got into Clayoquot Id this
morning, but found some difficulty in
deciding where Indian village was.
Eventually talked to some Indians fishing
in Canoes. An informant offered
went off in boat, but missed the village.

[Faint, illegible handwriting on lined paper, possibly bleed-through from the reverse side.]

Returned to steamer, & found much
Carves about, most of them fully pulled
large sebines, which the Indians were
selling for food. Had a talk with many
these people about seals & without
making further search for hallops, pulled
out & steamed for Clark's Sound.
Reached the land about 5 P.M. &
left the steamer to go to hallops on
Deer Islands. Found the village looking
abandoned, & had to follow steamer in
to anchorage without seeing a single
Indian; which gives a disappoiment.
Another unquiescent day today.

Oct. 8. Off very early this morning, shortly
after midnight & arrived at Neleh
Bay, Mt. Bay after 9 am. Landed &
found the signal officer Mr. Adge & Mrs.,
who assisted us to look up some
Indians, with whom we had a
rather protracted conversation, getting a
good deal of interest respecting seals.

Off again tonight, about 9 am.
a fine fair run, loaded Esquimaux
shells of the 3 Ben. Laid up to wharf.
Here. Found a job in progress —
the 'spots' by the Wasp women. Got
mail, which was waiting for us here
a after a very examination, landed
a with the Admiral & Mess at the job.
Sir George decided to stay & dine with the
Admiral, while self & Mess dine out
to Victoria & get quarters in Bristol
House there. Sent Telegraphs home,
to Hon C.H. Jupp & to Dr Selwyn.

Oct. 9. Met part of the Sealers' comm.
this morning in Mr Milnes' office —
Customs House. Long conference with
them & talk with Mr Milnes. Ben.
Money out on various matters. Call at
H.B. Co's place & have a conversation
with Mr Hall, at present in charge, in
Mr Smith's absence. Hall promises
to get memo. of seal skins furnished by
H.B. Co. Evening with Sir George & family

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† Esquimault, were dined with
Admiral Hornum in the Warsprite, now
in dock there. Met Sir M. Byles, Mrs
a Mrs Vernon, Mr & Mrs Baellie Fishburn,
Mrs Jones & several officers of the
ship.

Oct. 10. Met a lot of West Coast Indians
at Mr Dowell's (Indian) office & had a
talk with them on feeding matters & habits of
feed. Not wholly satisfactory as the Indians
were not especially intelligent & the conversation
was taking in Chinook. In P.M. again
met a committee of the Seclus Assn. at
Hall & Soepell's office & had a long
conference with them. Drove out with
Sir George & Franke & called on the St.
Governor, who was, however, from home.

Oct. 11. Spent morning writing a party
afternoon. At 3.30 took train to
Point Ellice & called at O'Reilly's,
found Mrs & Miss O'Reilly at home.
Stayed some time there & then back to

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Hotel. In talking to Mrs Hammond, of
Toronto, there, heard that Mrs Peter
Redpath was in town & staying at
Hotel Dallas. Took train & went out
to see him, spending half an hour or
so there. A fine warm day, with
occasional light showers. Sir George &
Mrs Froese left early this day for
Seattle, intending to get back tomorrow
morning.

Oct. 12. Monday. Very busy all day in
one way or another. In morning, interview
with Mr Milner, at Customs house.
Met various people looking to see us, in
the streets. Call on Prior. For waywards
about photos. etc. Afternoon spent some
time looking for Capt. Spring, unsuccessfully.
Called at Crear's & Dupont's. Interview
with Mr Fairbairn & a call from
Crown Baker, who has just returned
from England. White & dinner
Borcuty came in, & then Mrs Hamley,
the retired Customs collector. Very

Oct. 12. Sunday. For breakfast
I had a bowl of porridge with
milk & butter. Then I had
a slice of bread with butter
& jam. I had a cup of tea
with a slice of bread & butter
& jam. I had a cup of tea
with a slice of bread & butter
& jam.

Oct. 13. Monday. For breakfast
I had a bowl of porridge with
milk & butter. Then I had
a slice of bread with butter
& jam. I had a cup of tea
with a slice of bread & butter
& jam. I had a cup of tea
with a slice of bread & butter
& jam.

full of Sealing questions & enthusiastic
in information. Met Judge Seaman, who
had come over from Pt Townsend to see
us a Capt Spreng, who had heard my
search for him. Had a long conversation
with the gentlemen & took a number of
notes. Sir George, who had been with the
Admiral at Esquimaux, at last returned
in time to see the two gentlemen.

Called in & bought for some time by
a newspaper man. Sully got luggage
checked & sent down to boat, where
followed by Boreonty who stayed with us
late after midnight hammering away on
two or three unimportant points with
the same iteration.

Oct 18 Landed at Vancouver about
9 am., after a good passage. To Hotel
Vancouver. At 2 pm met the Sealers
of Vancouver, or their representatives, &
had some conversation with them.
Went on board S.S. Empress of India
which had just come in & had a look

[Faint, illegible handwriting on lined paper]

one her. Spent some time with the
Captain to. Evening dinner with
Wagon operators, also had got
up a little dinner party at Hotel in
our honor.

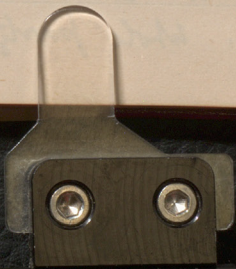
Oct. 14. Left on train for Port at 2:20
P.M., Mrs H. Abbott kindly giving us
his private car, in which we are to
sit till we meet another car at
Dickamons. Here in part of
passenger cars in this train, two
Car loads of silk, said to be worth
about \$500,000. This is being put
through with passenger train to
save time. Mrs a Mrs Cambie
on train.

Oct. 15. Got breakfast in dining
car & immediately afterwards transferred
from Mrs Abbott's car to Mrs Spencer's,
which has just come back from
Vernon after depositing Lord Aberdeen
there. On westward bound through

the mountains. Mr Cochrane from
Nuitford, met Sir George at Golden. Arranged
to have our car put off tonight at Camrose,
when Sir George wishes to stay over for a
day to look at a mine in which he
has some interest. Generally Cloudy &
sometimes drizzling today, but moonlight
& good views going through Riding Horse
Pass.

Oct. 16. Went up about a mile from
station & across Bow River to Camrose
mine, with Mr Cochrane & rest of party.
Examined the mine & its surroundings.
Back on board car for lunch, & other
bits, with Mr Cochrane, Mr Dickinson,
Manager of mine & Dr Hayden. After
some waiting, during which polished off a
little 'evidence' & had call from Dr Scott,
Sir George managed to arrange for an
engine to take car down to Nitford
where to wait for outboard train. Met
Lady Adela Cochrane & a miss -
staying with her. Whole party on board car

[Faint, illegible handwriting on lined paper]



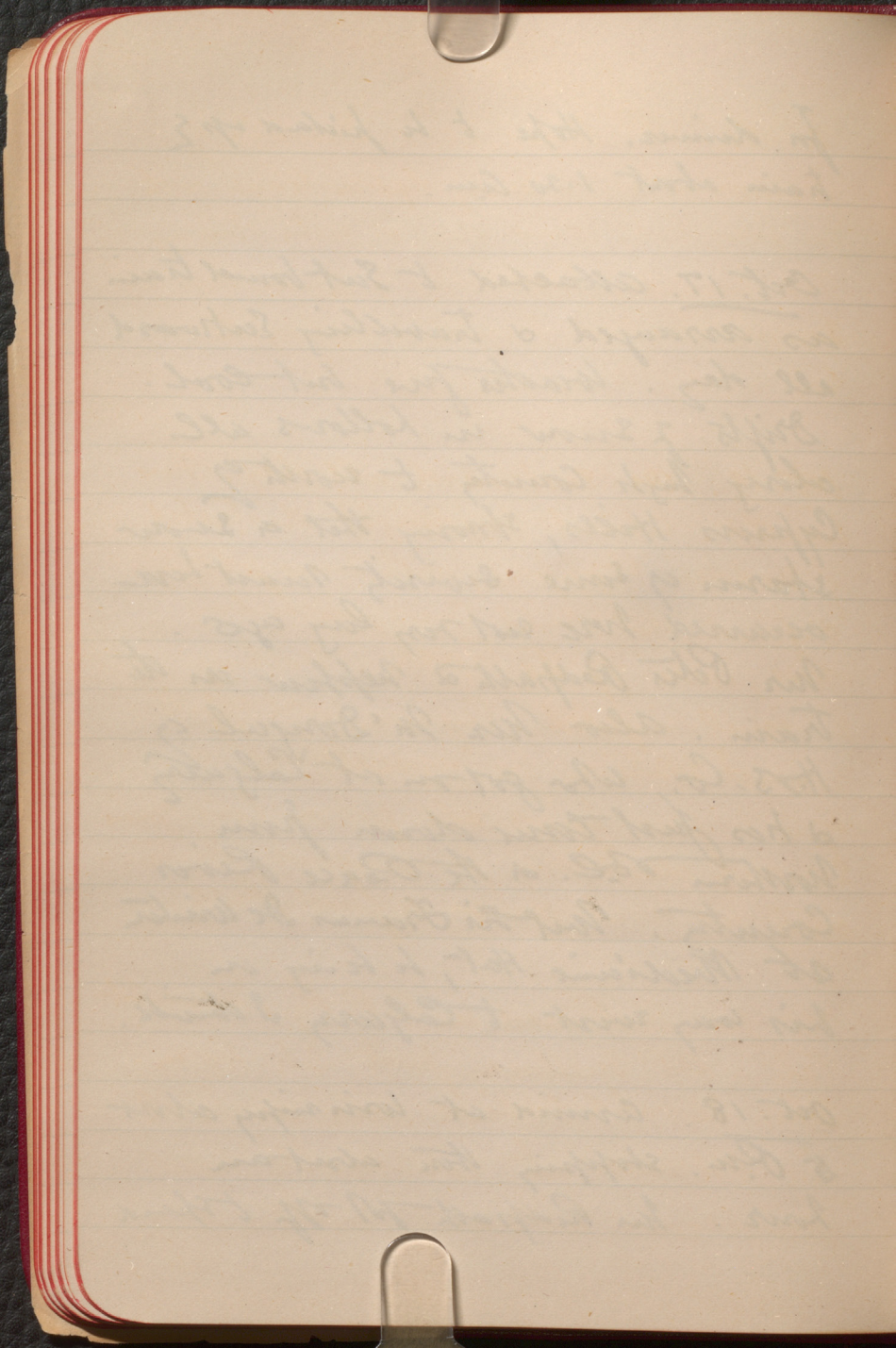
In dinner. Hope to be picked up 2
train about 1.30 am.

Oct. 17. attached to Sout bound train
as arranged & travelling Southward
all day. Weather fine but cool.

Drifts of snow in hollows all
along high country to north of
Cypress Hills, showing that a snow
storm of some severity must have
occurred here not very long ago.

Mr Peter Redpath & nephew on the
train. also Mr Mc'Dougall of
H.S. Co. who got on at Calgary
& has just come down from
Northern B.C. & the Peace River
Country. Met Sir Francis de Winter
at Medicine Hat, he being on
his way west to Calgary I think.

Oct. 18. Arrived at Winnipeg about
5 P.M. stopping there about an
hour. Mr Redpath got off to spend



a day at Winnipeg. Dennis of
Dominion Saw Survey left on train with
us going East. Fine day & rather striking
red sunset. Red crops of grain this
season stacked everywhere along the
line west of Winnipeg

Oct. 19. On eastward all day. Fine
weather. About midnight disturbed
by sudden stoppage, with some jolting
& found that eight cars, including
ours, were off the track. Nothing
seriously injured. Engine went off to
nearest station for assistance &
after a few hours all got on line again
scarcely disturbing passengers. Fortu-
nately we went off in a good place.

Oct 20. Eastward on C.P.R. Sawcut
late. At Sudbury just 3h 40 m.
This should ensure our arrival
in Ottawa at reasonable hour
Tomorrow morning, instead of

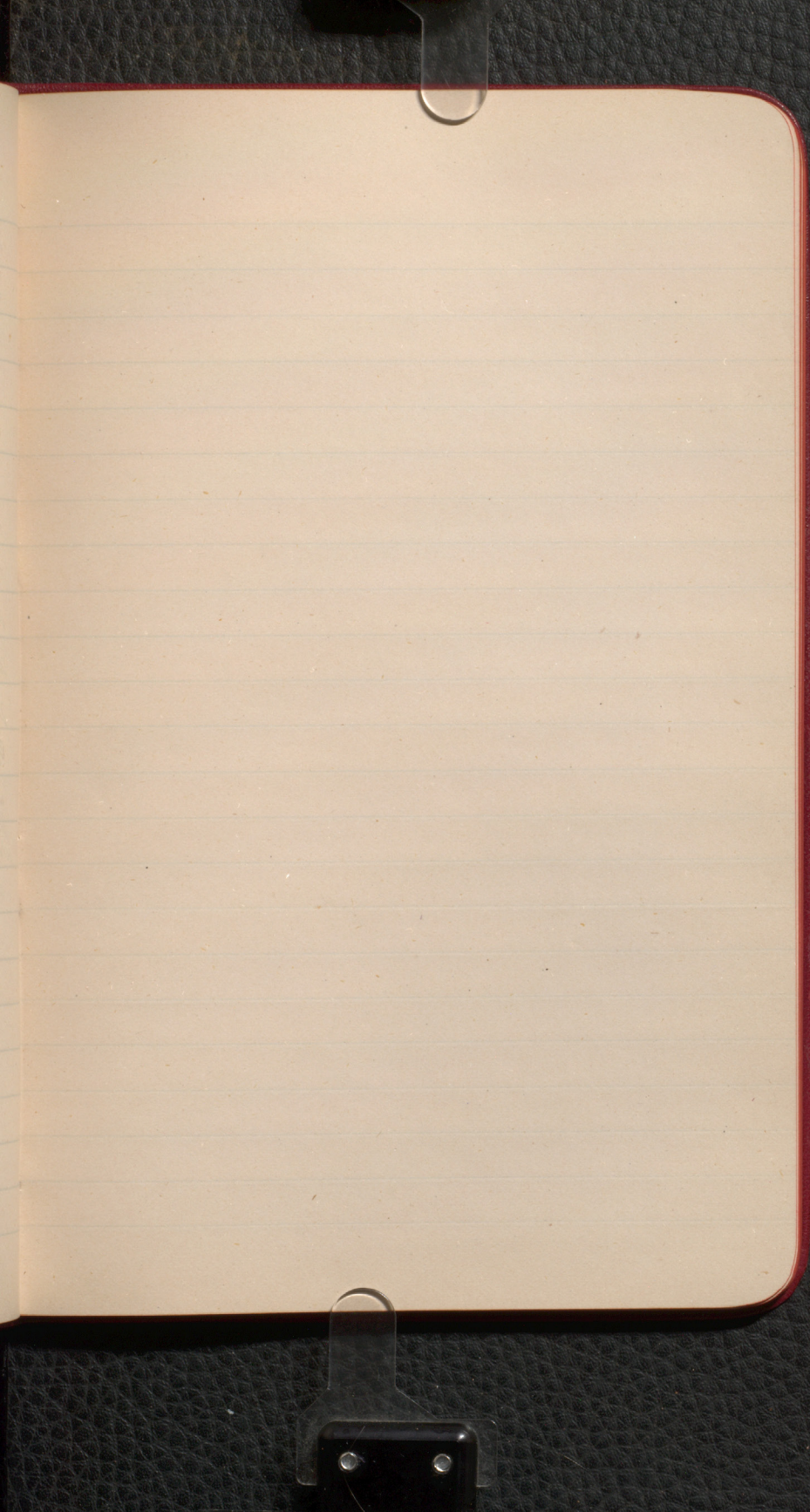
[Faint, illegible handwriting on lined paper, likely bleed-through from the reverse side. The text is mirrored and difficult to decipher.]

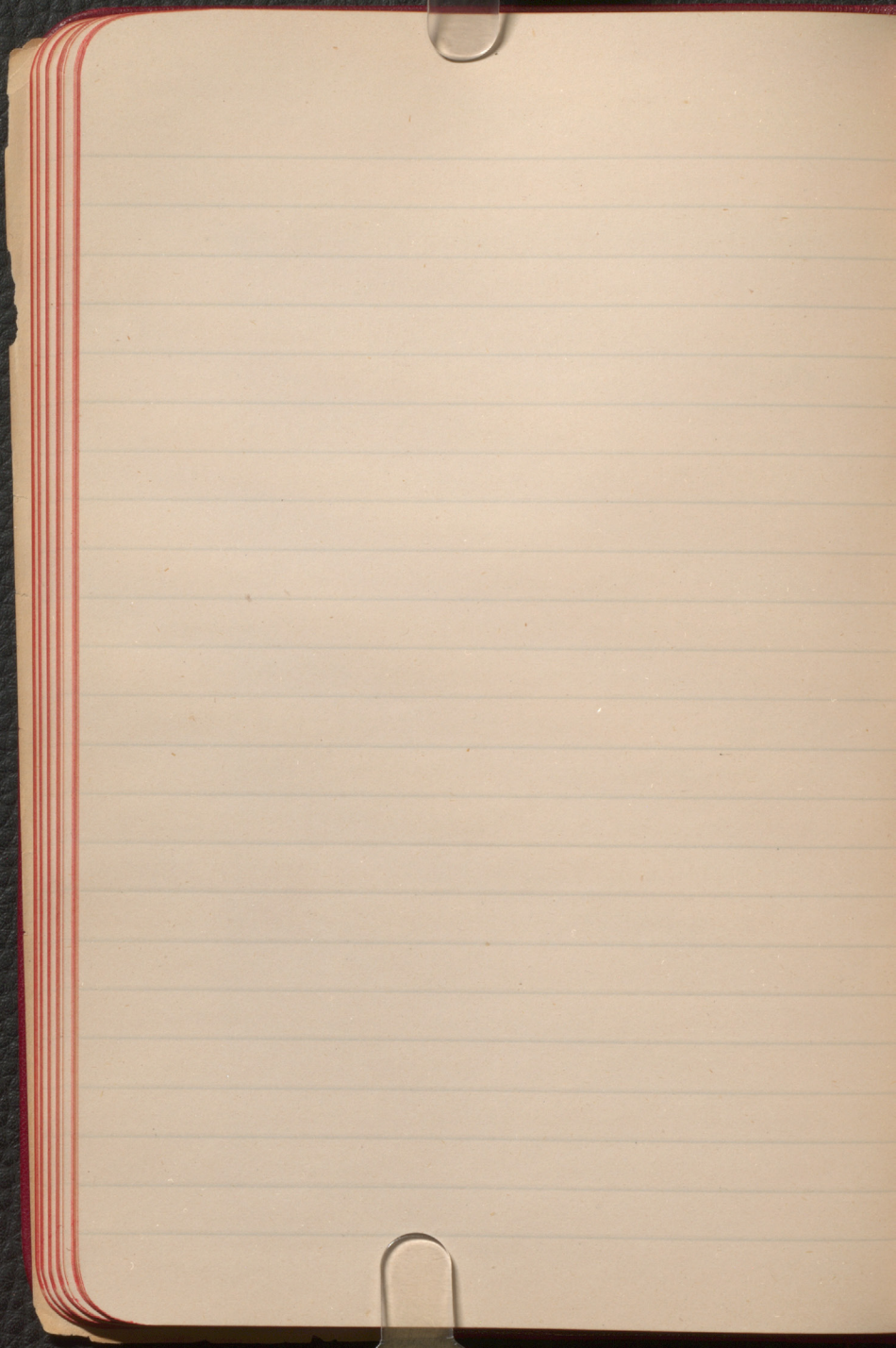
the usual of Oc. arrival. Some
however, to be running by fast now
in endeavor to make up as
much time as possible.

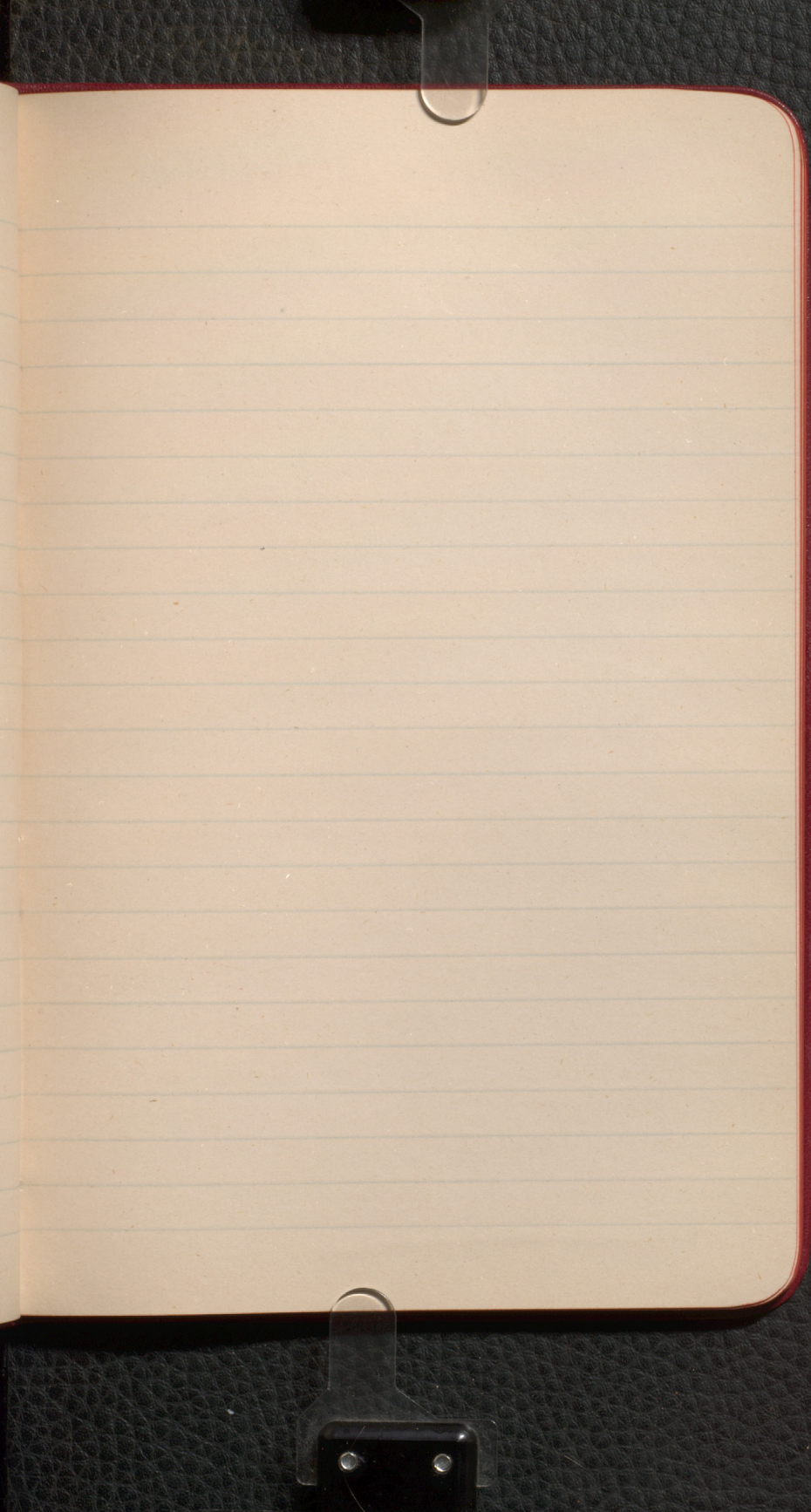
Oct. 21. Arrived in Ottawa several
hours late about 8 am. Drove
up to Victoria Chambers, finding rooms
there all ready. Saw Judge & Trude to
Reynold. After rearrangement & breakfast,
with Sir Judge & Trude to call on General
General. Then on to see Mr Abbott &
St. Joseph, at which we see the Col. arrived.
Then saw Sir Judge & Mr Trude returned to
Sert. House & I dined there in evening
with them.

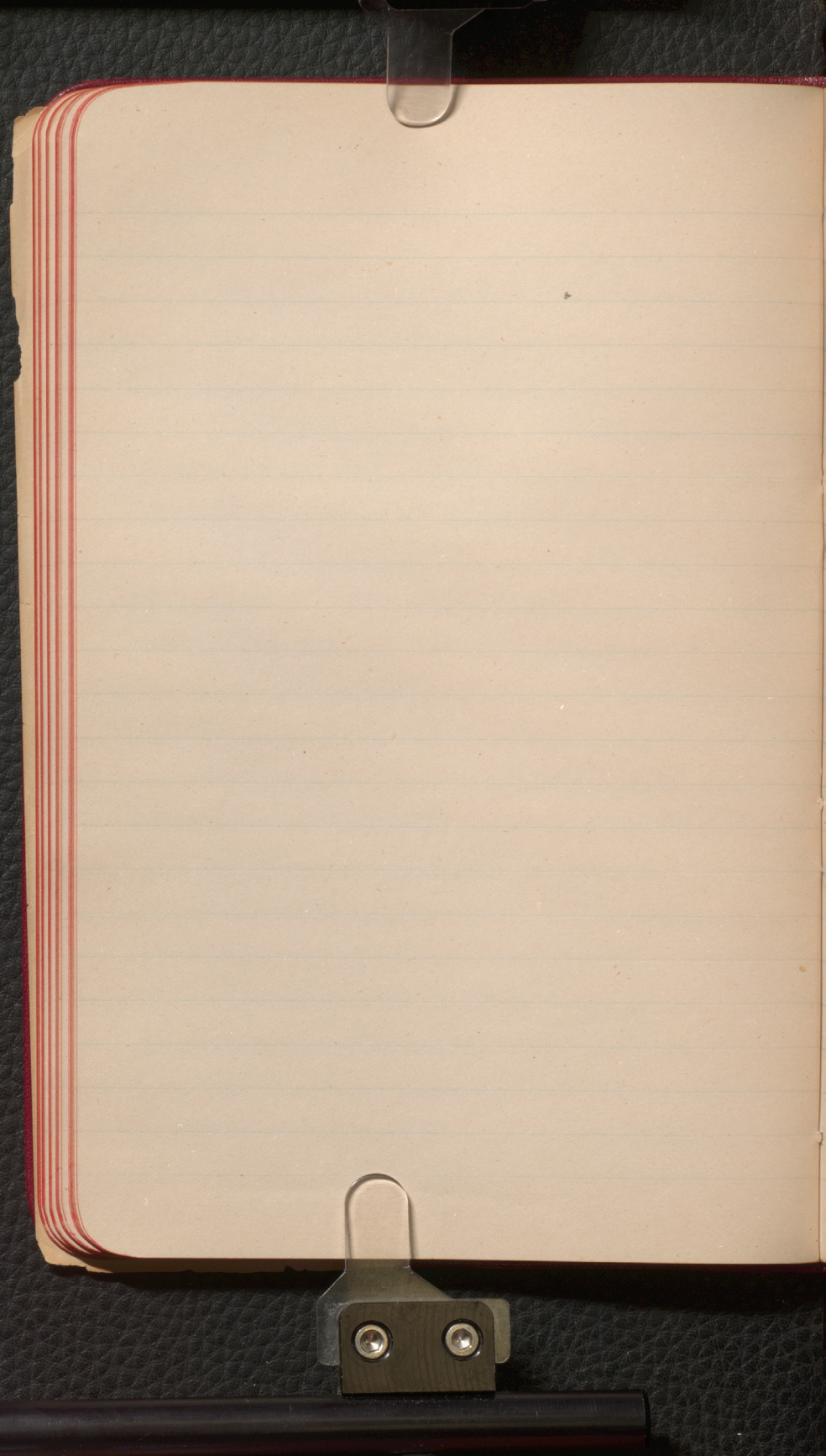
The second of the summer. The
country is the same as before
in the summer of 1864. The
mountains are the same.

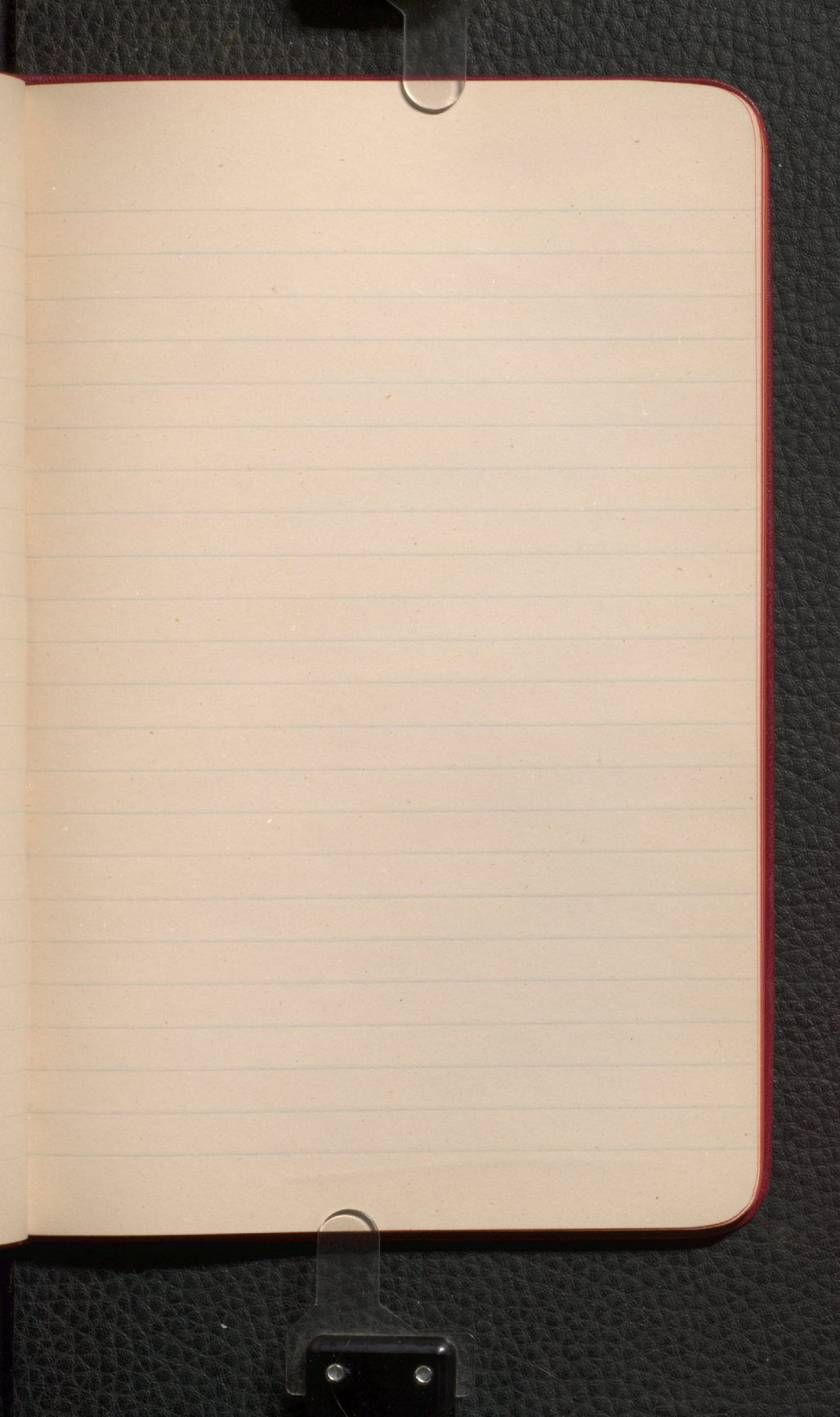
Oct. 21. Arrived in the morning
from the boat at 8 AM. The
up to the station. The
at the boat. The
mountain. The
at the boat. The
mountain. The
at the boat. The
mountain. The

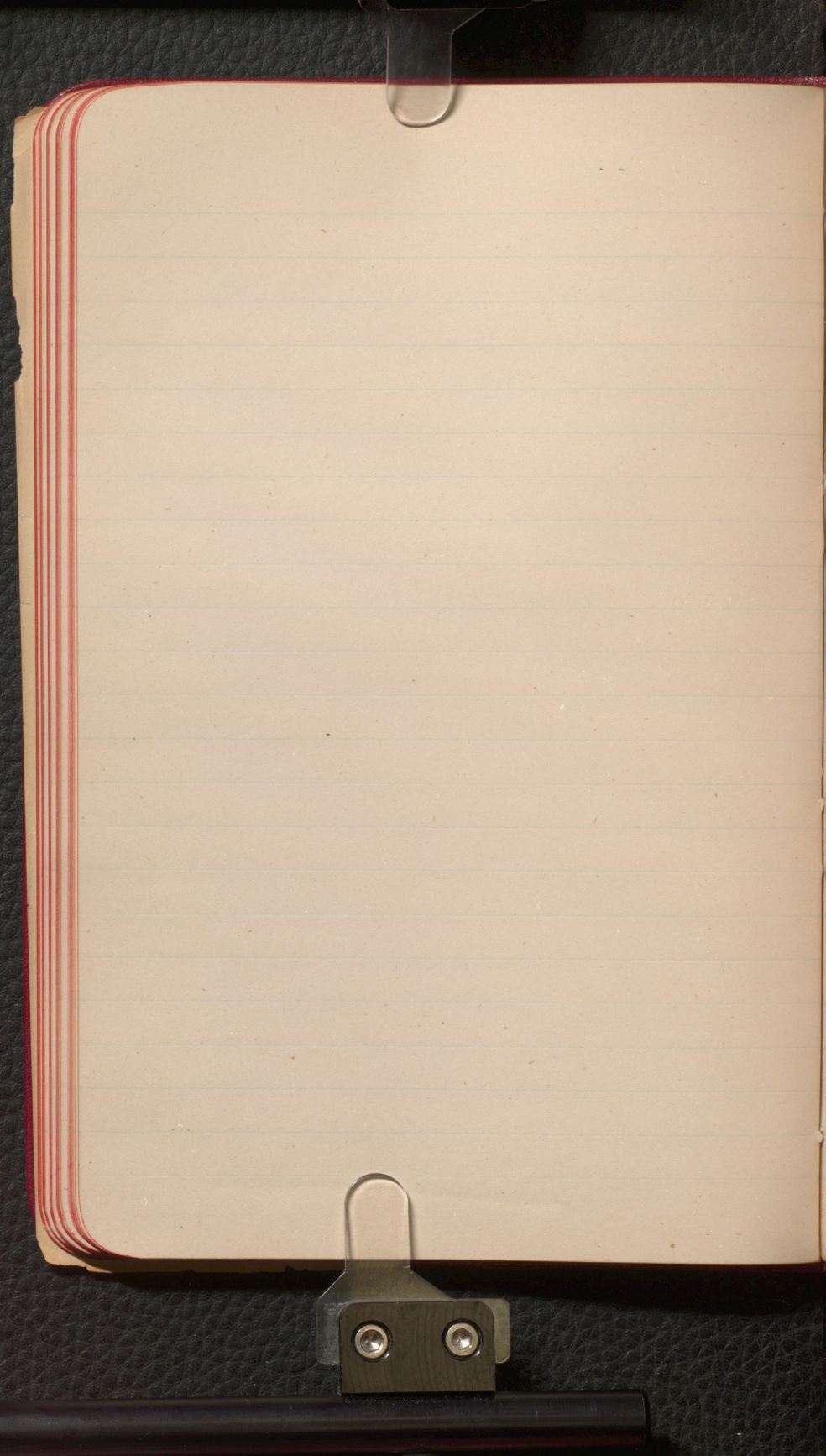


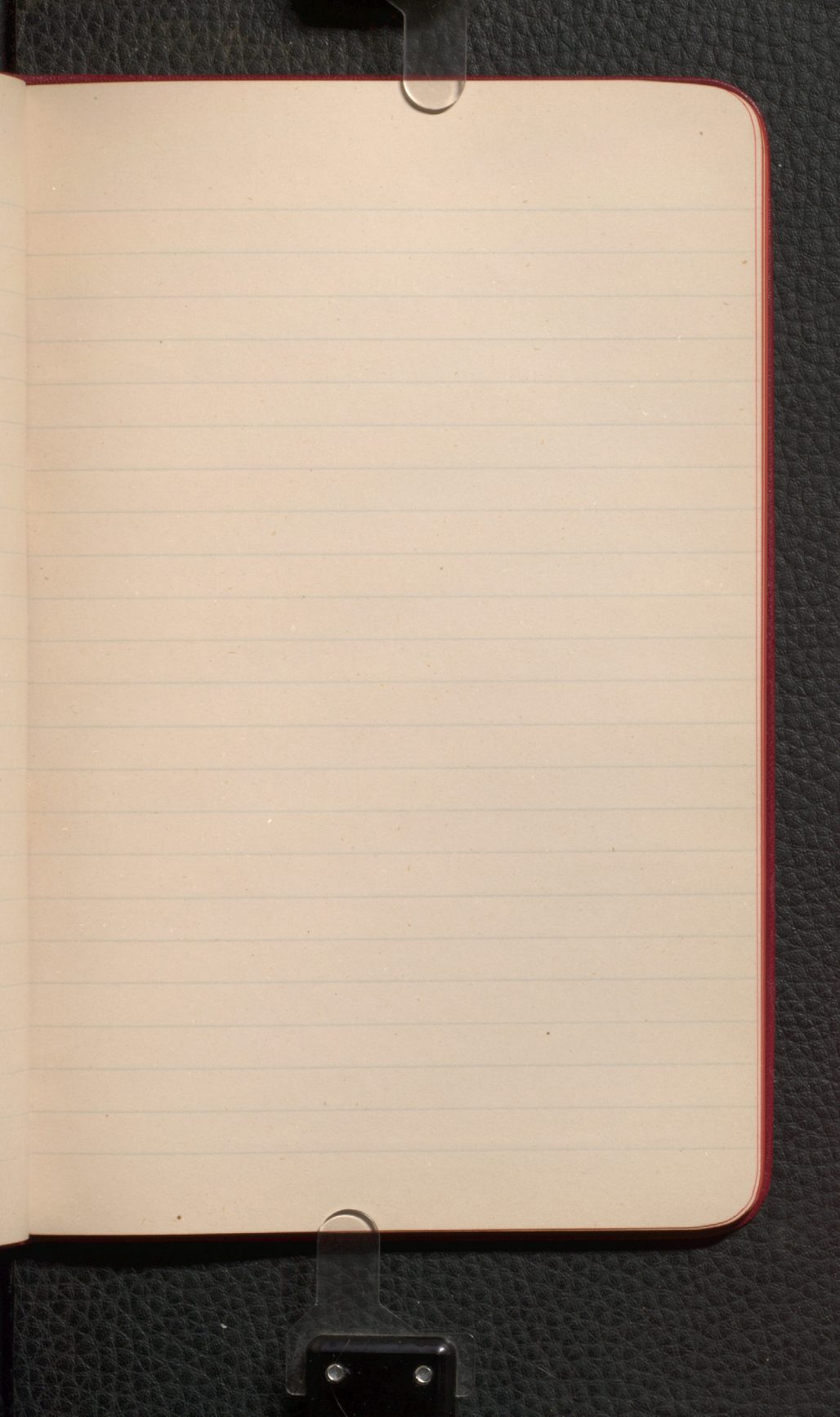


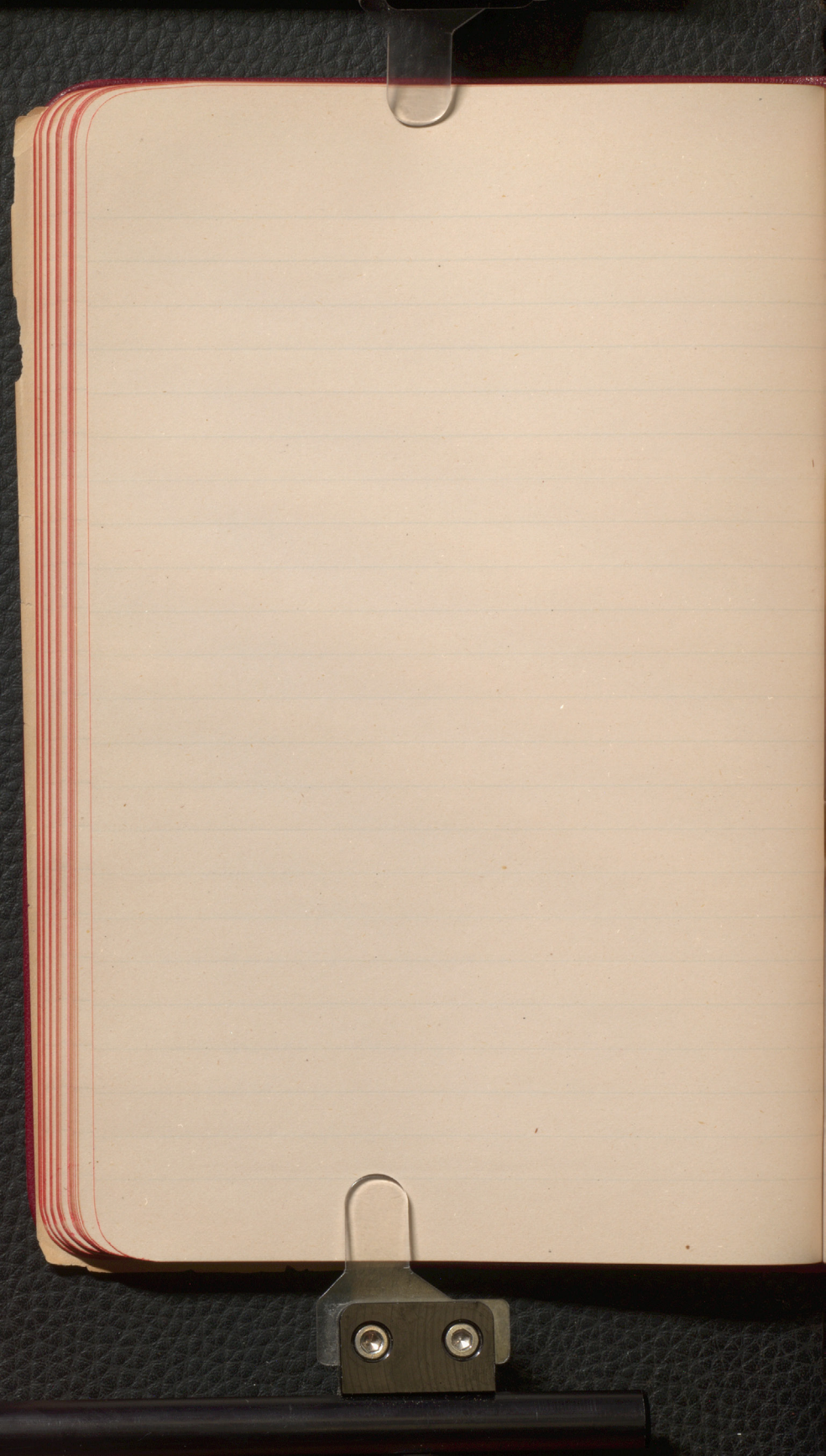


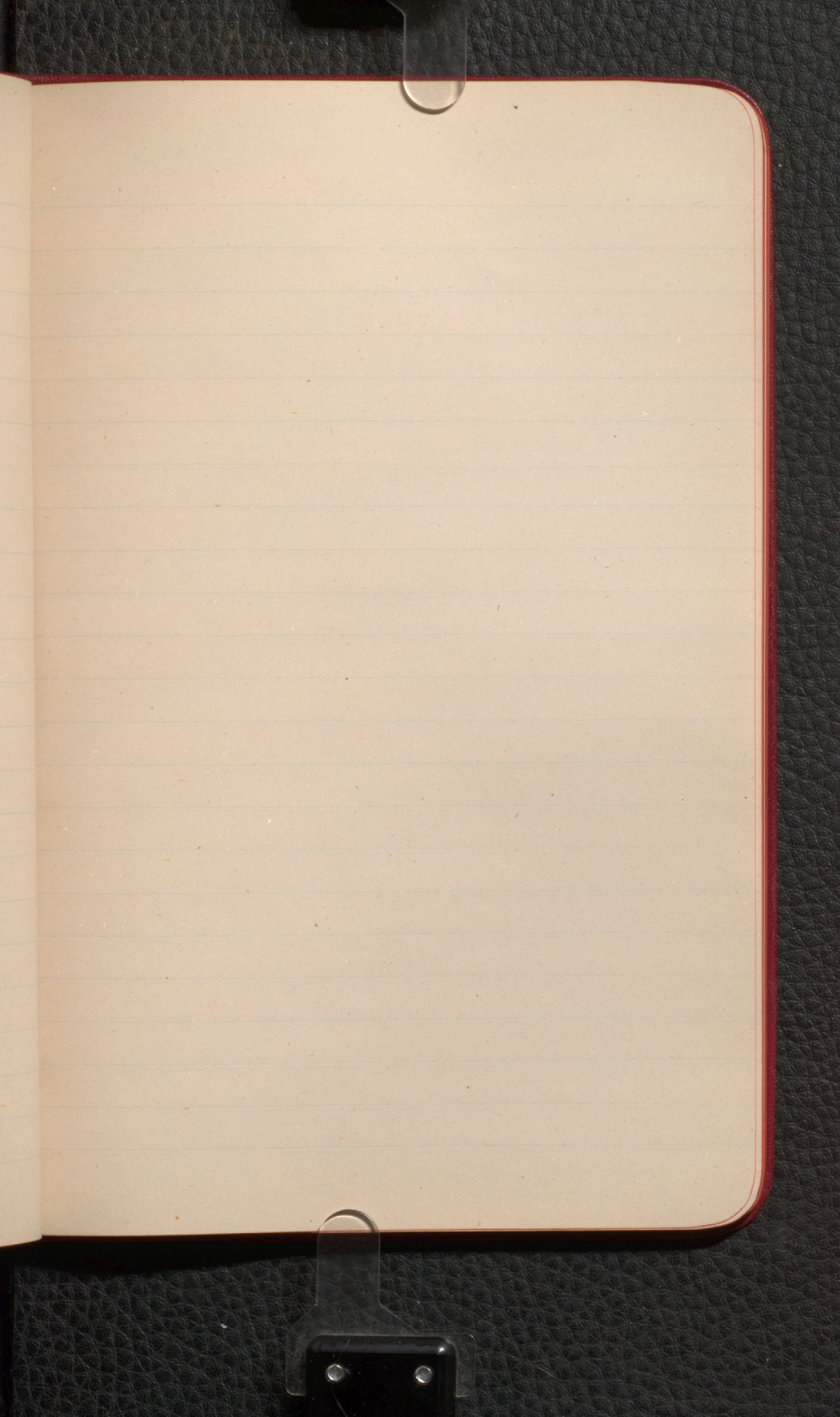


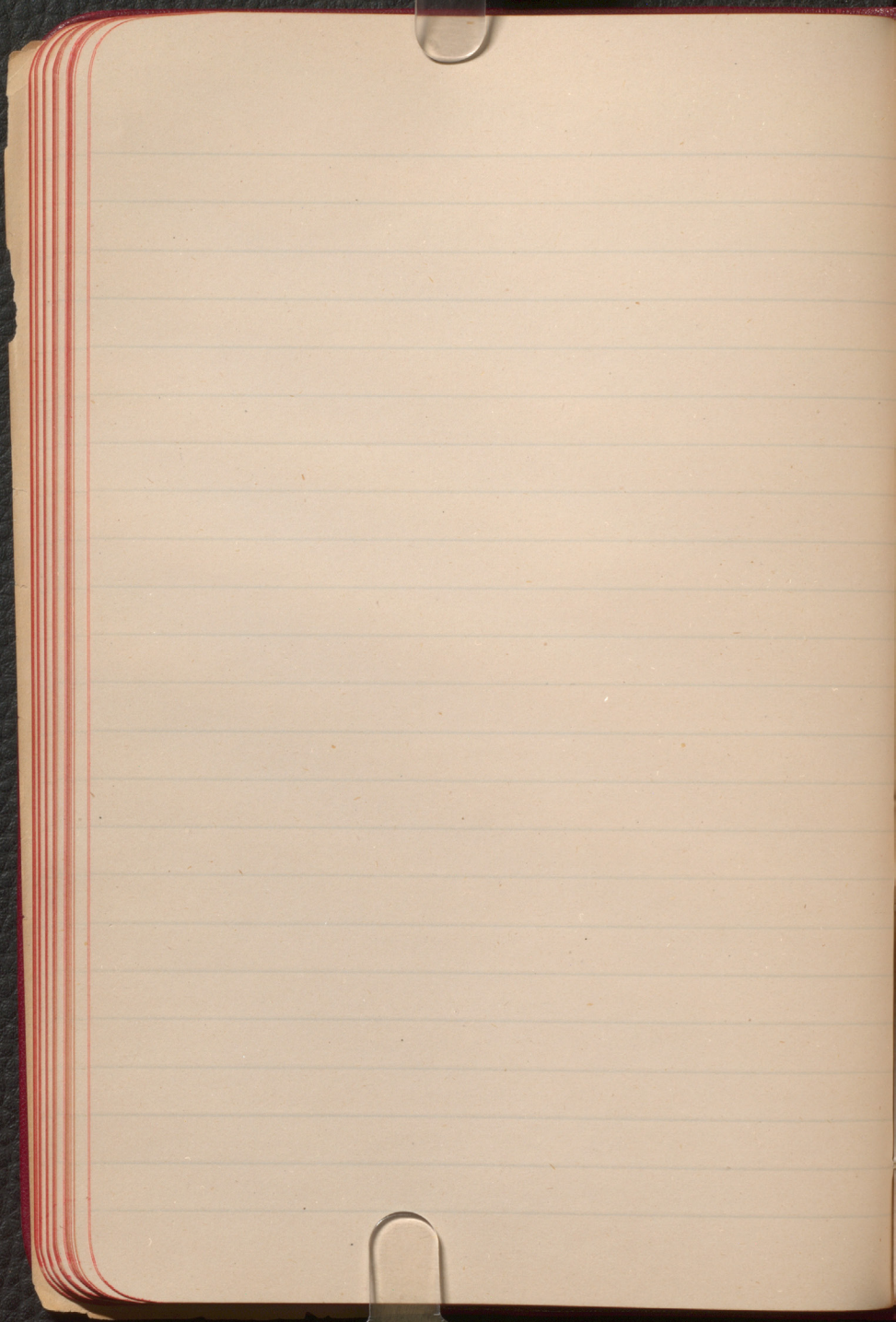


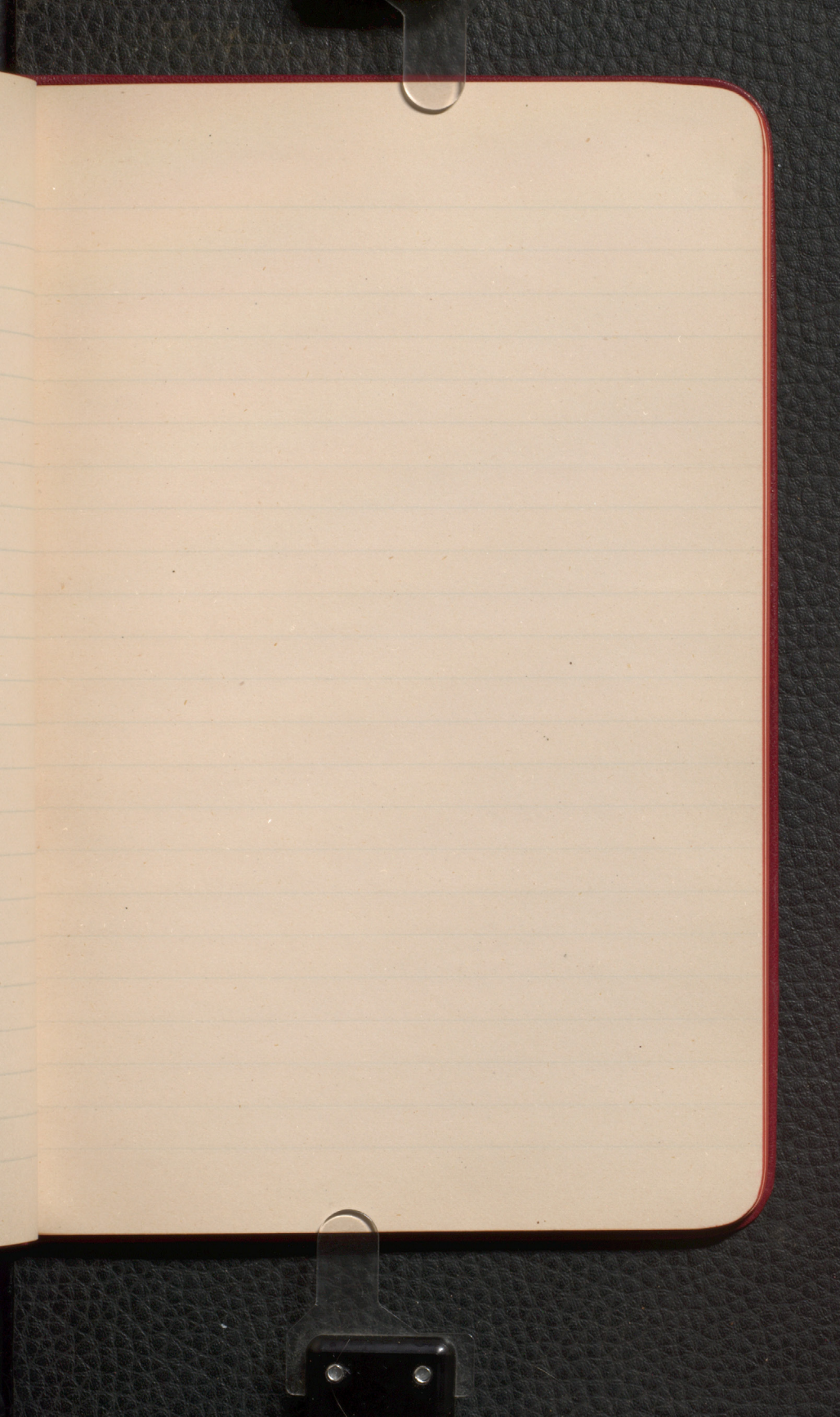


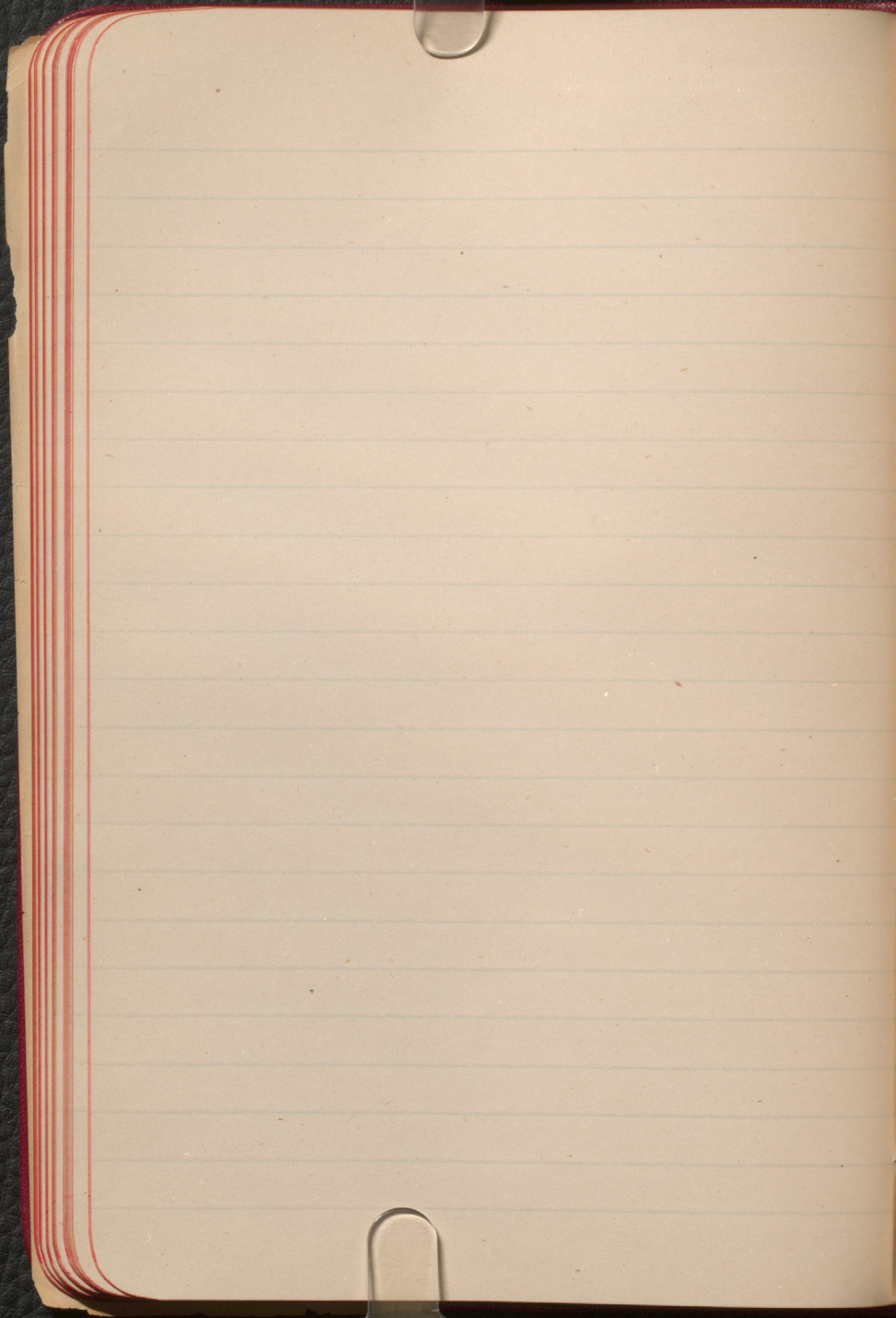


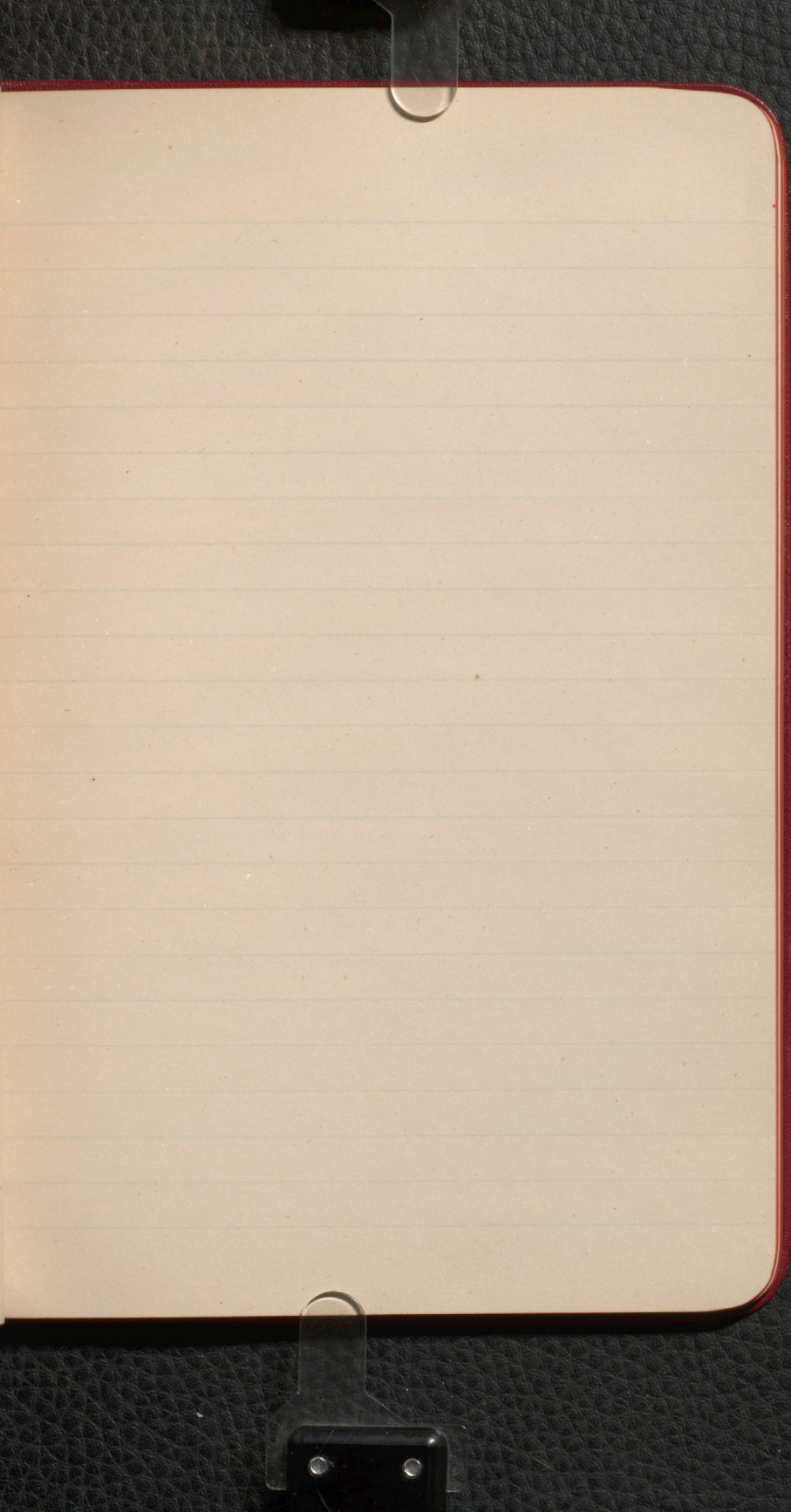


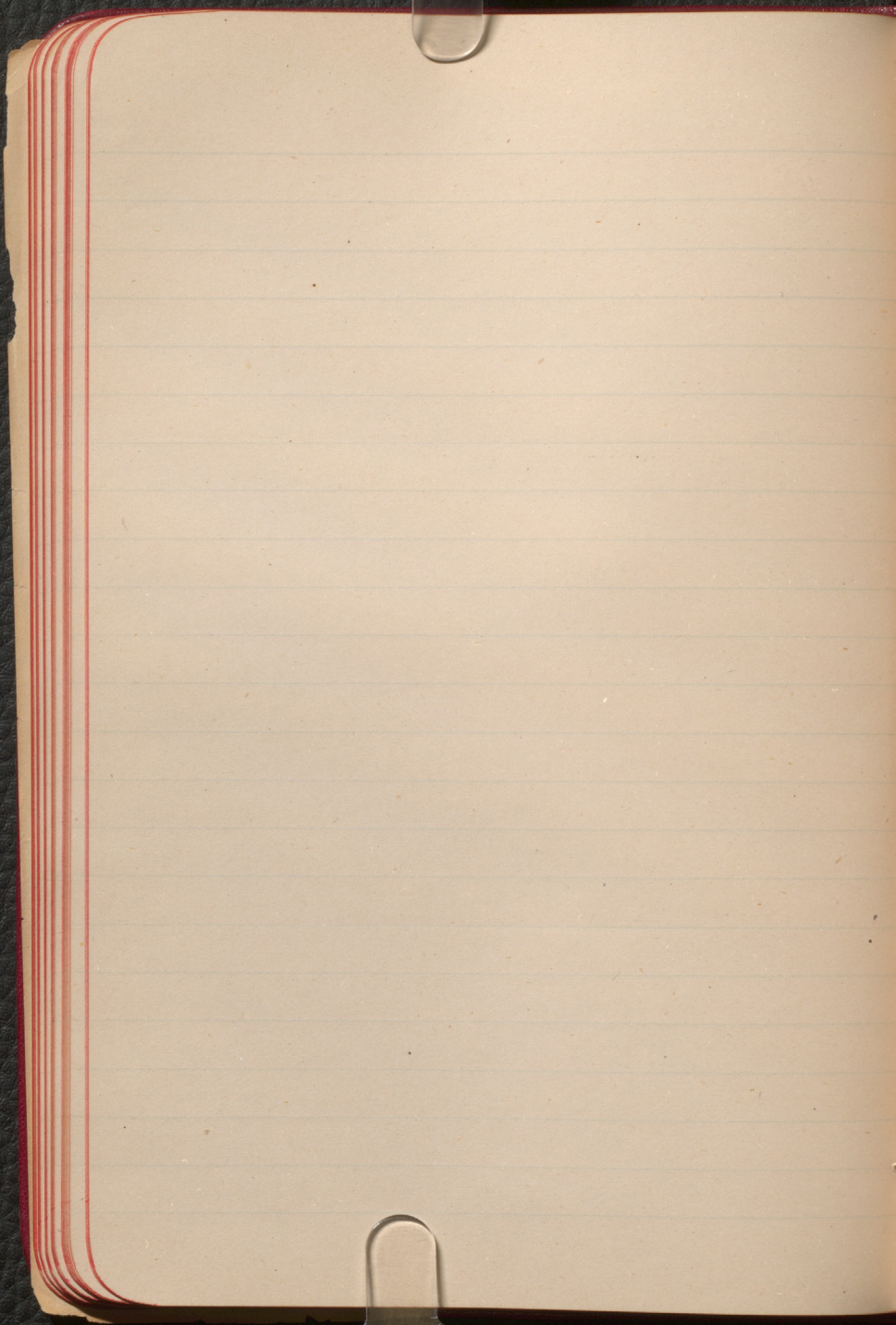


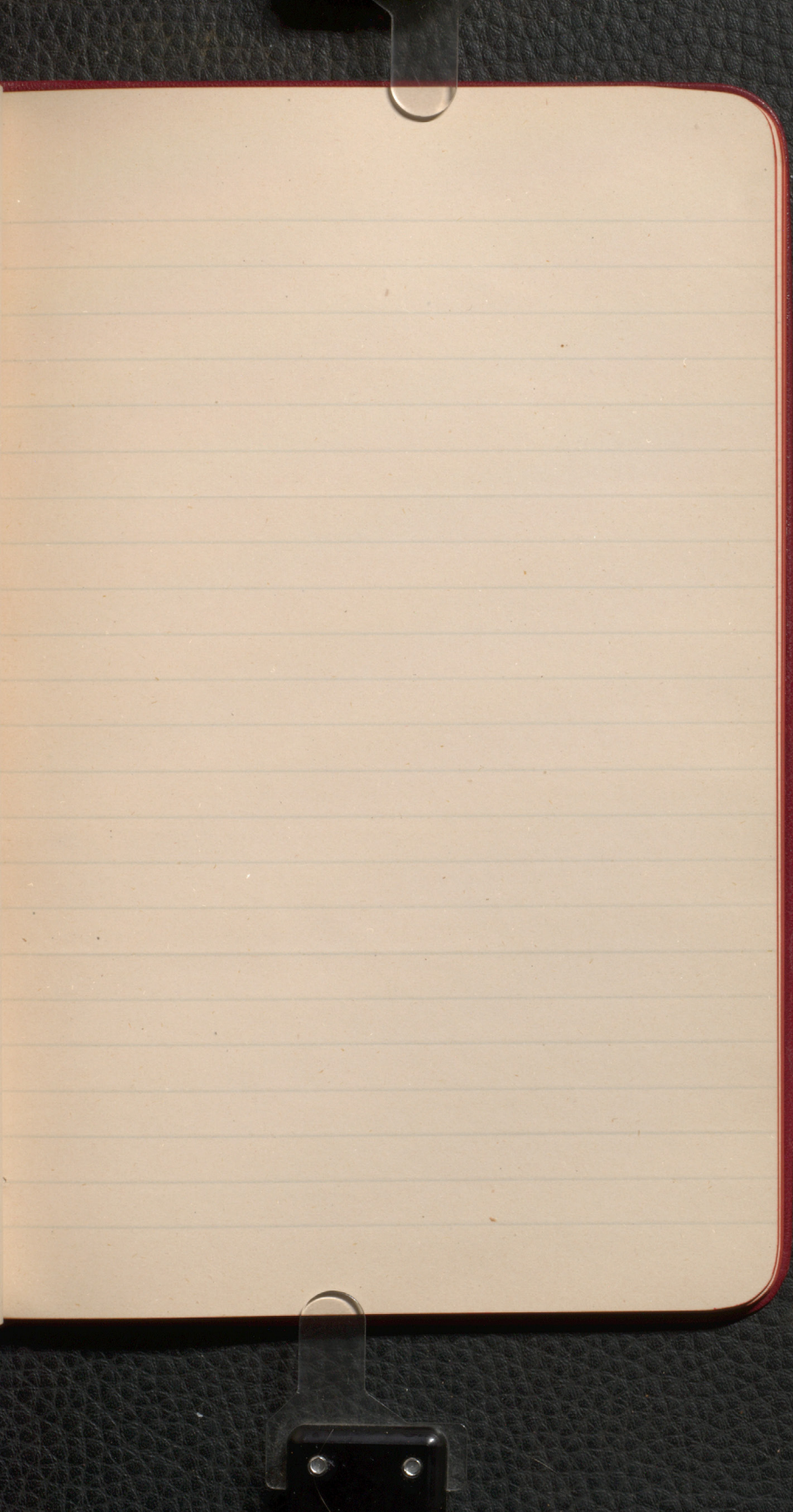


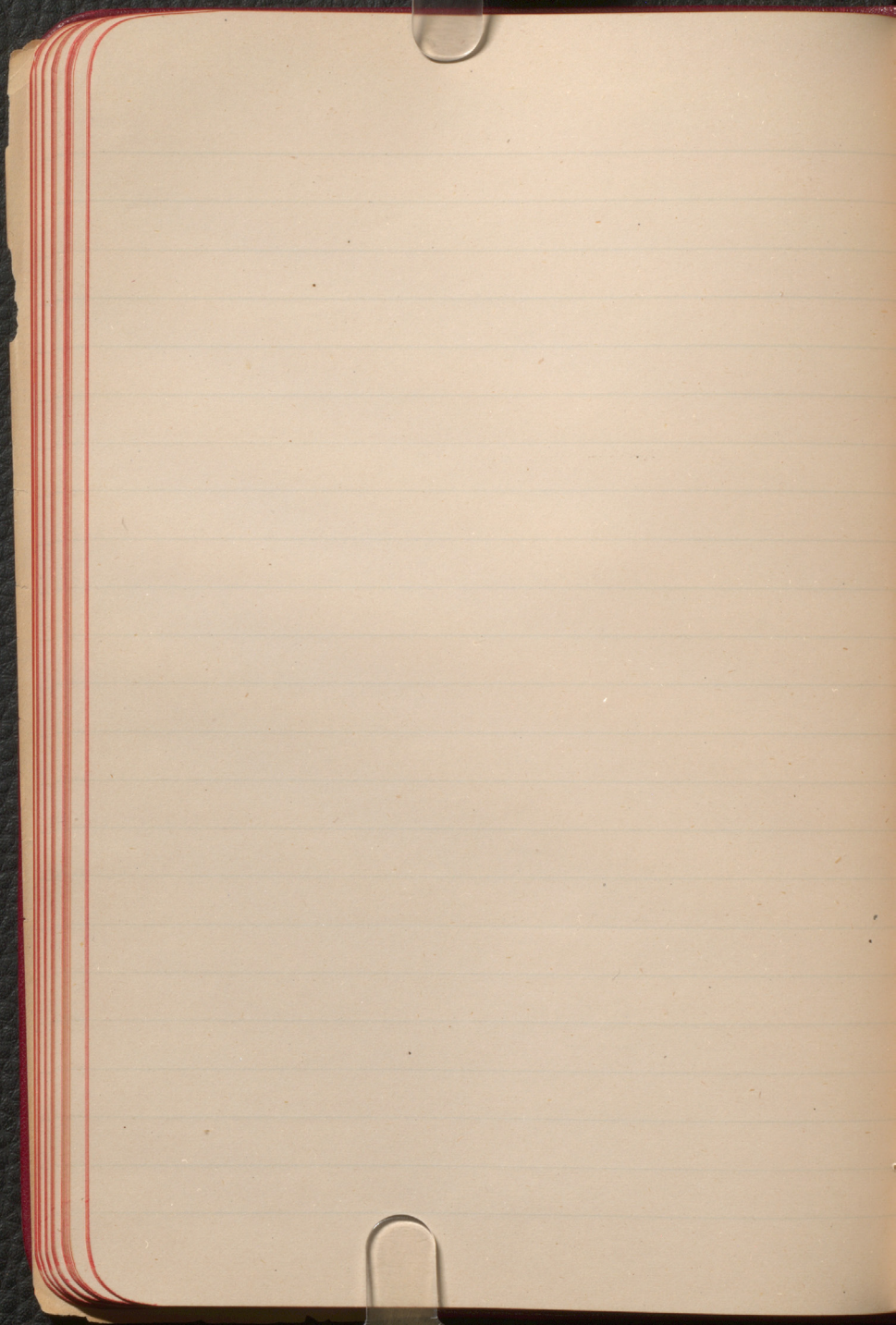


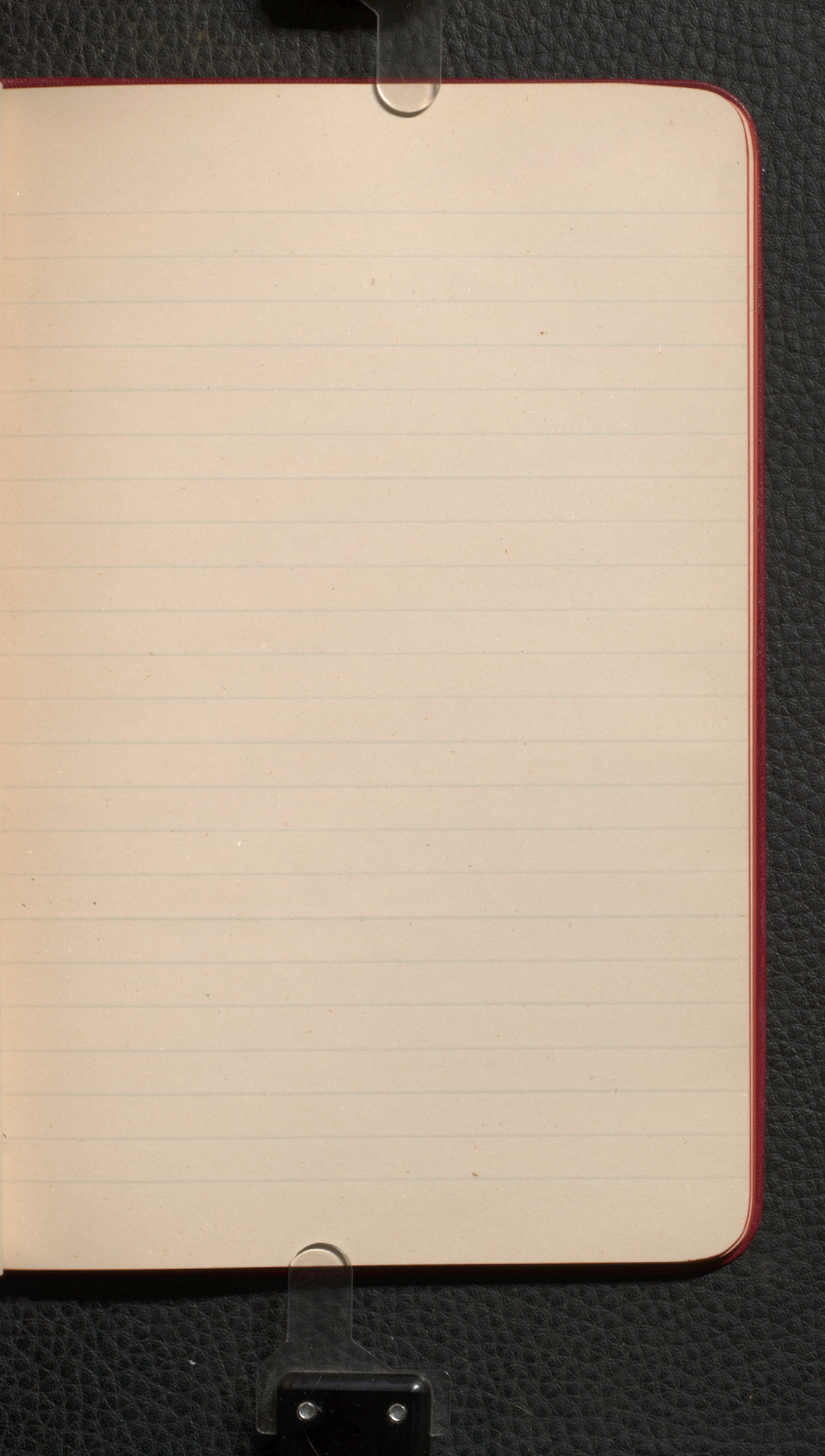


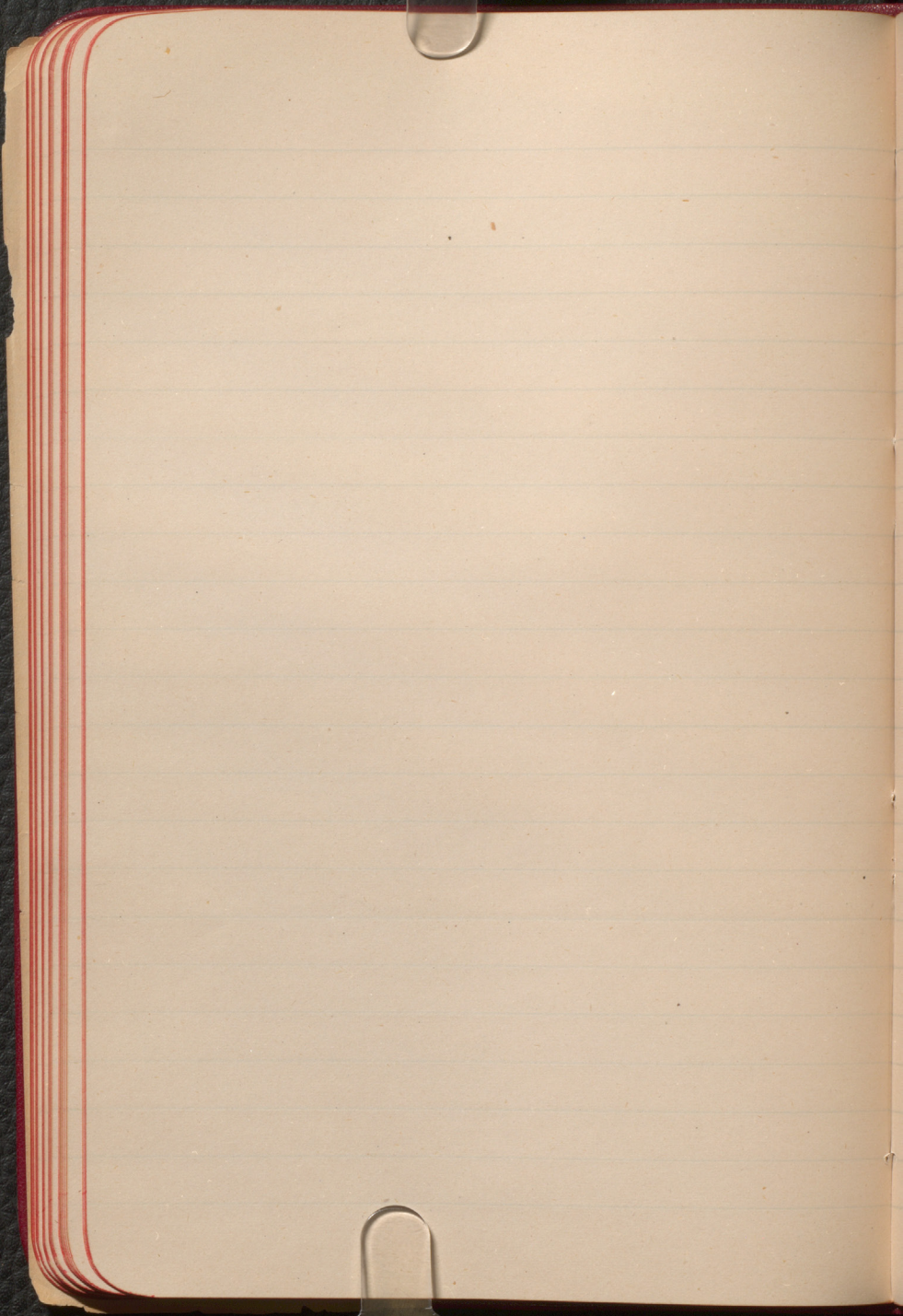


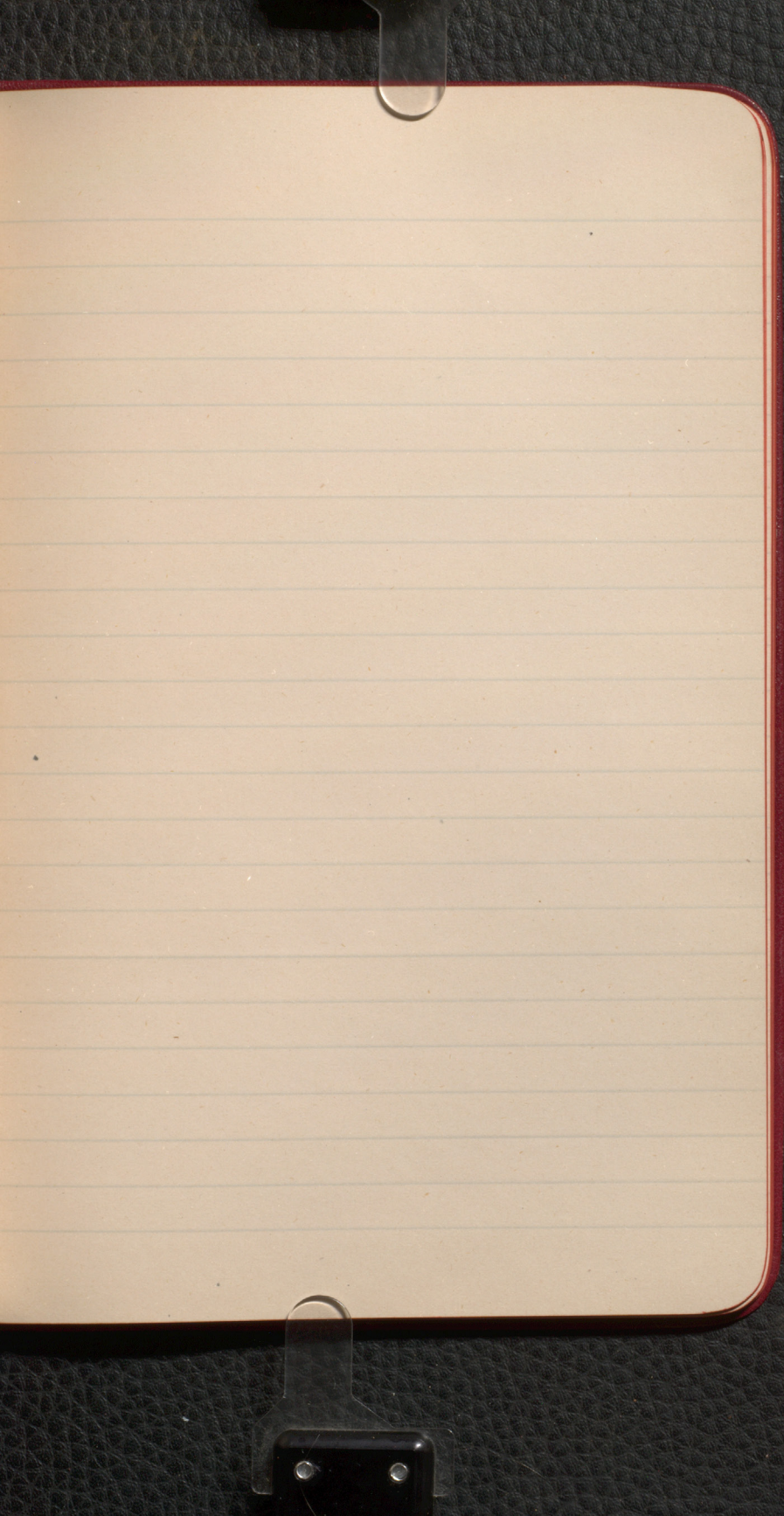


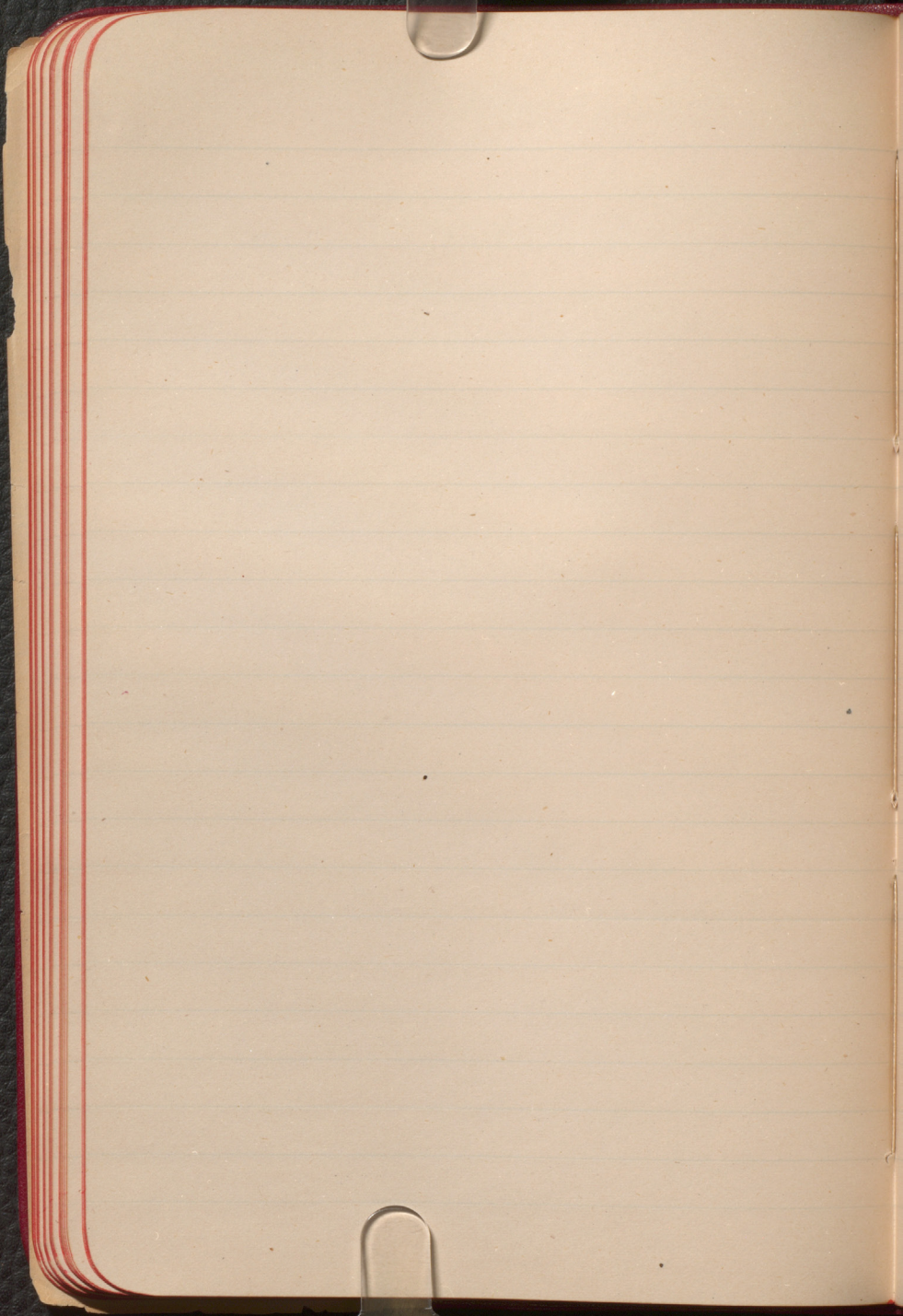


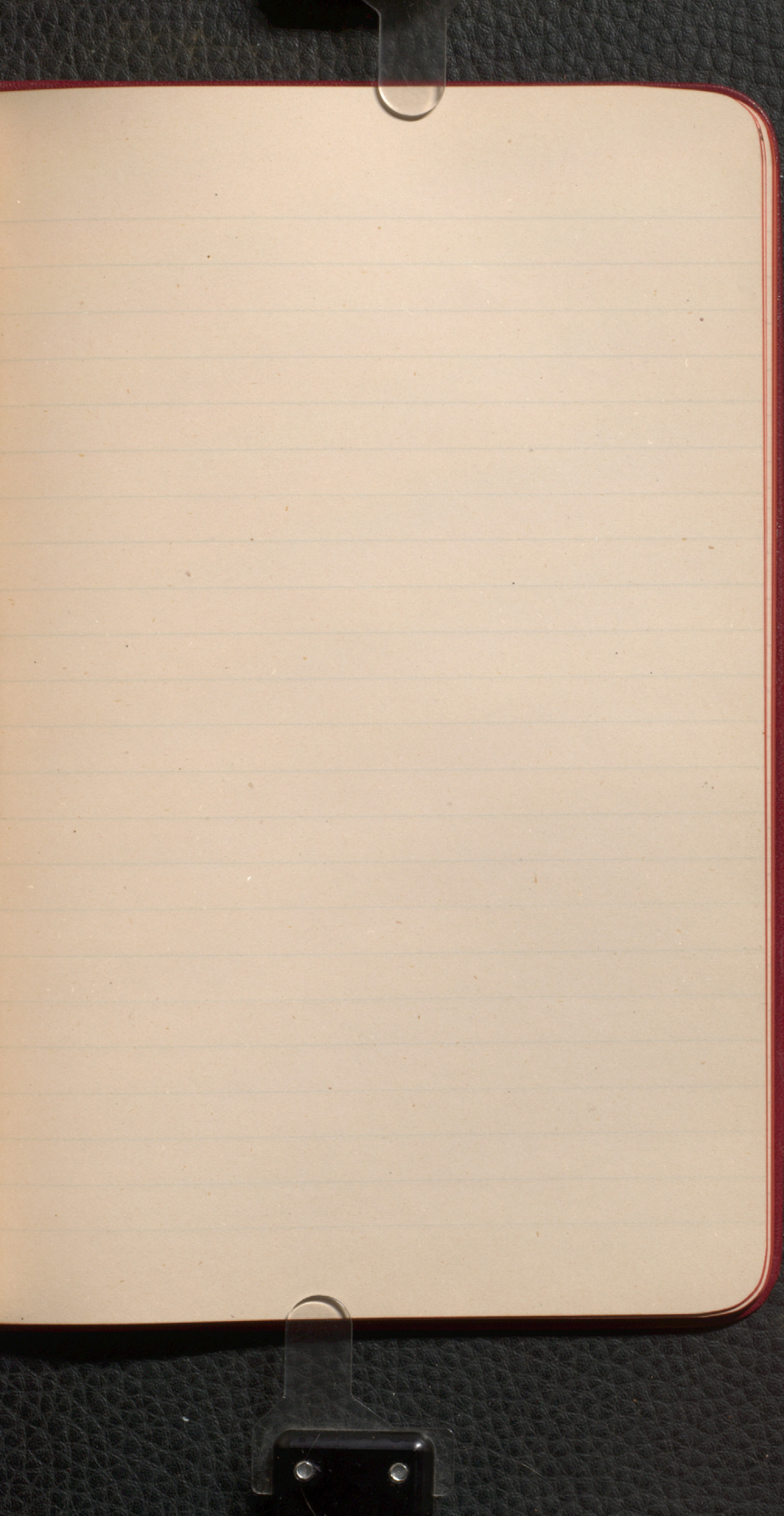


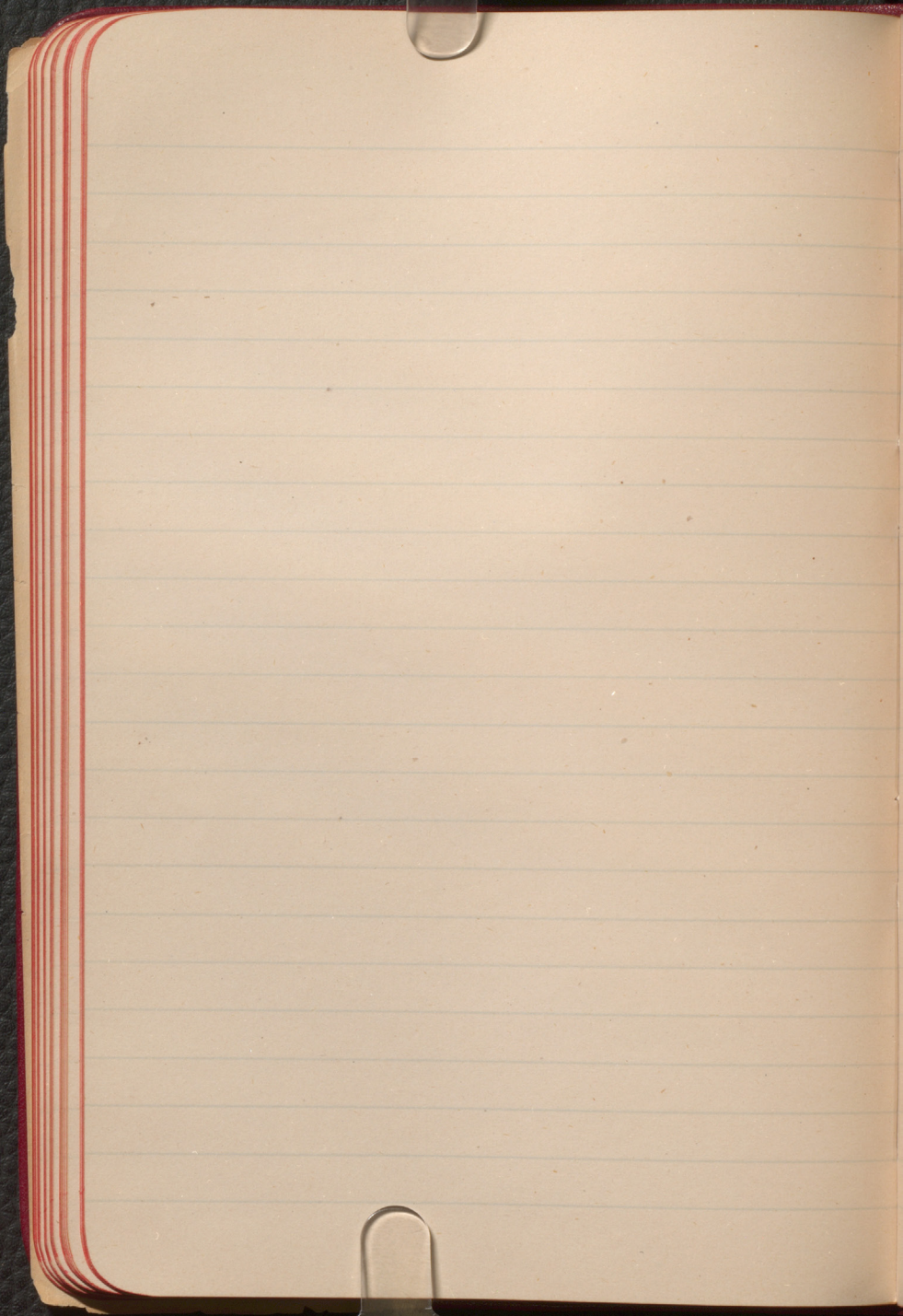


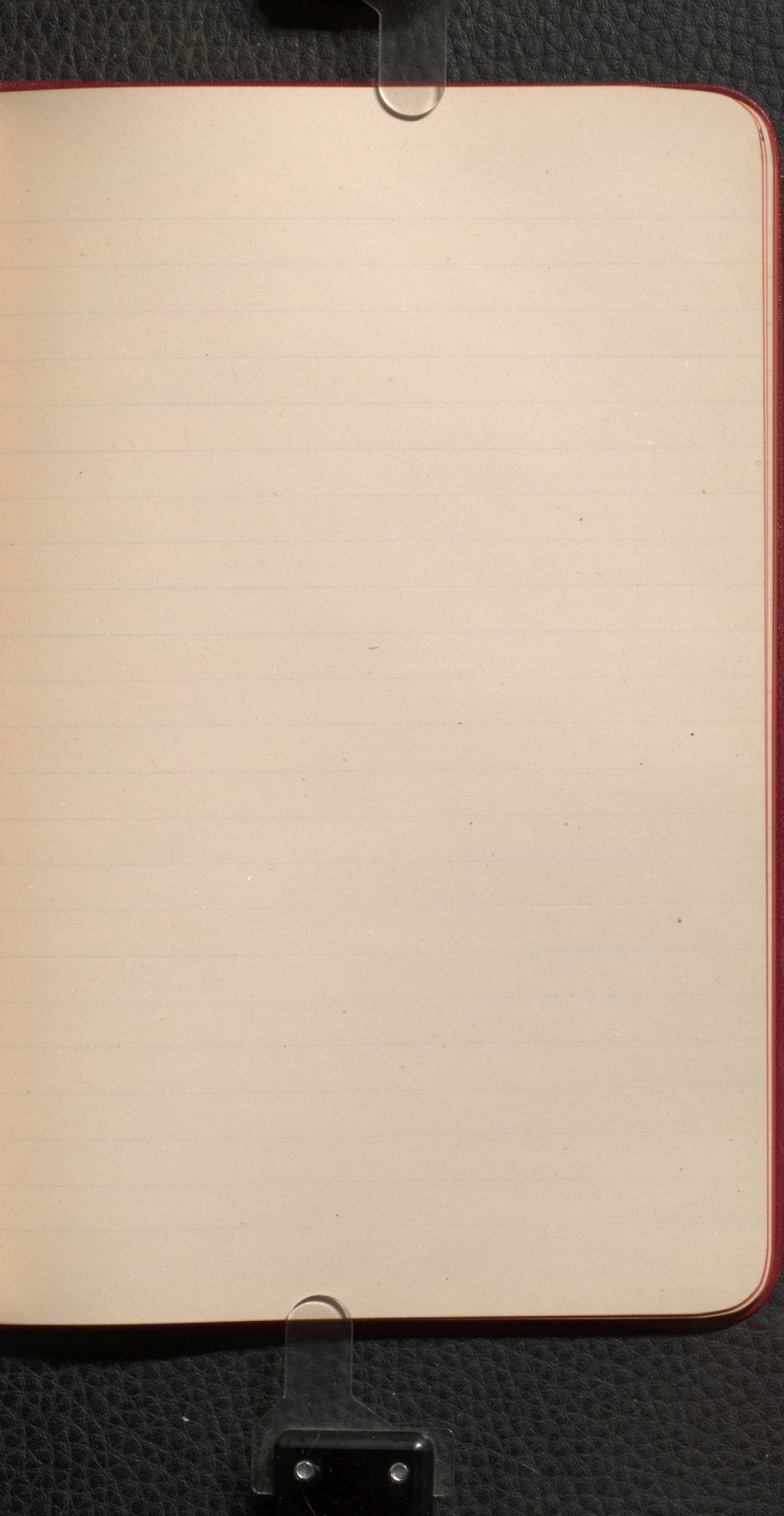


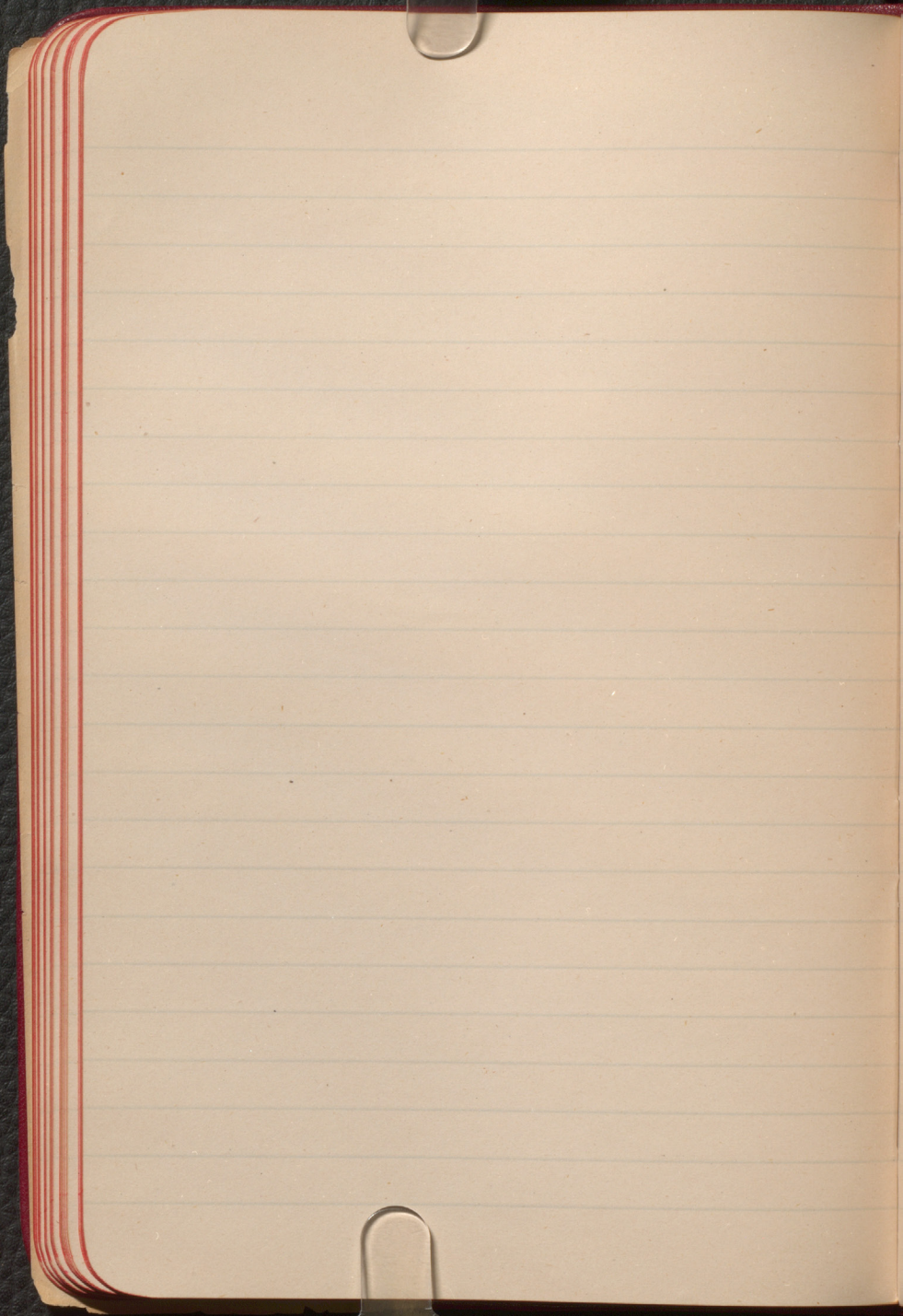


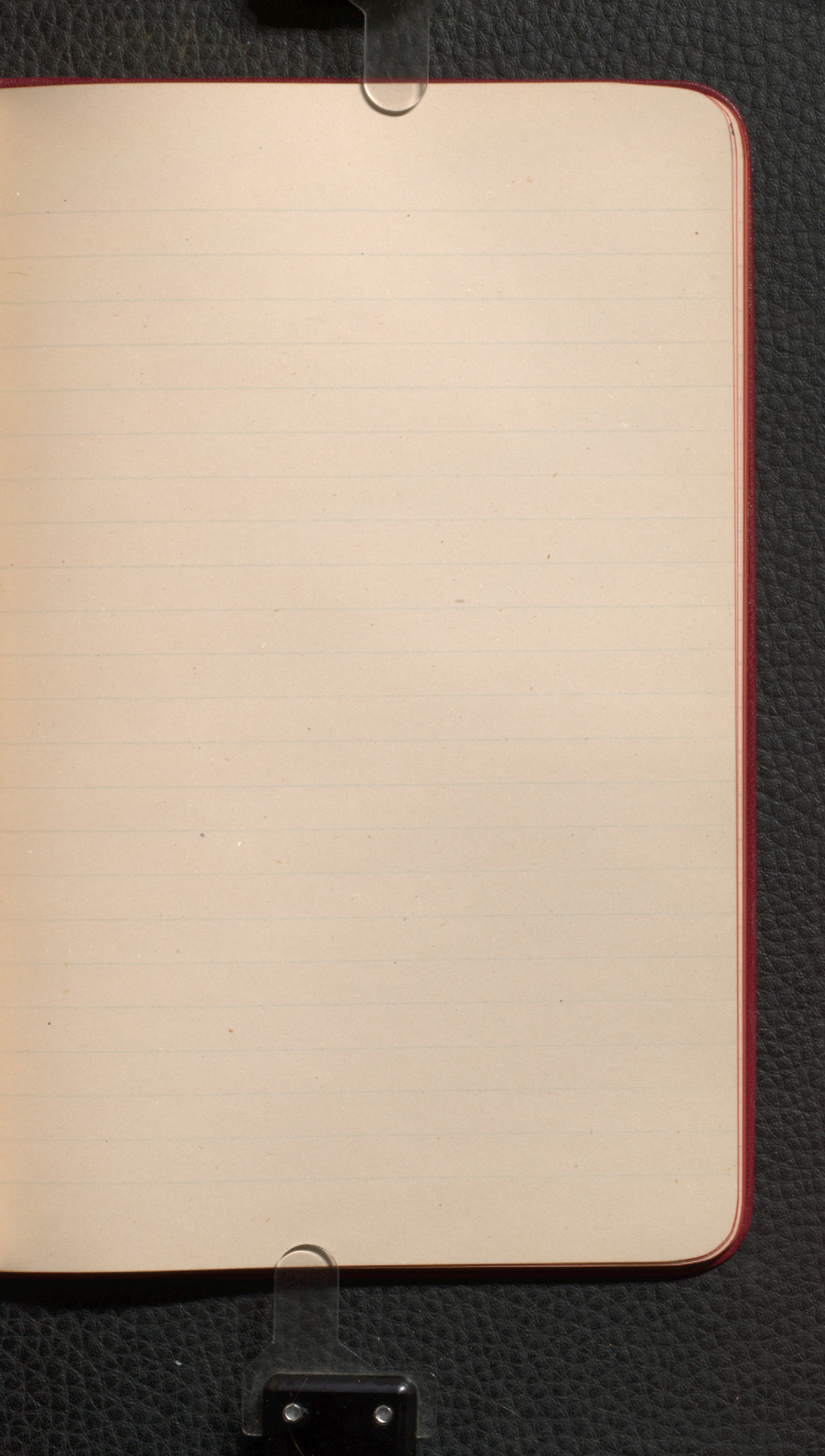


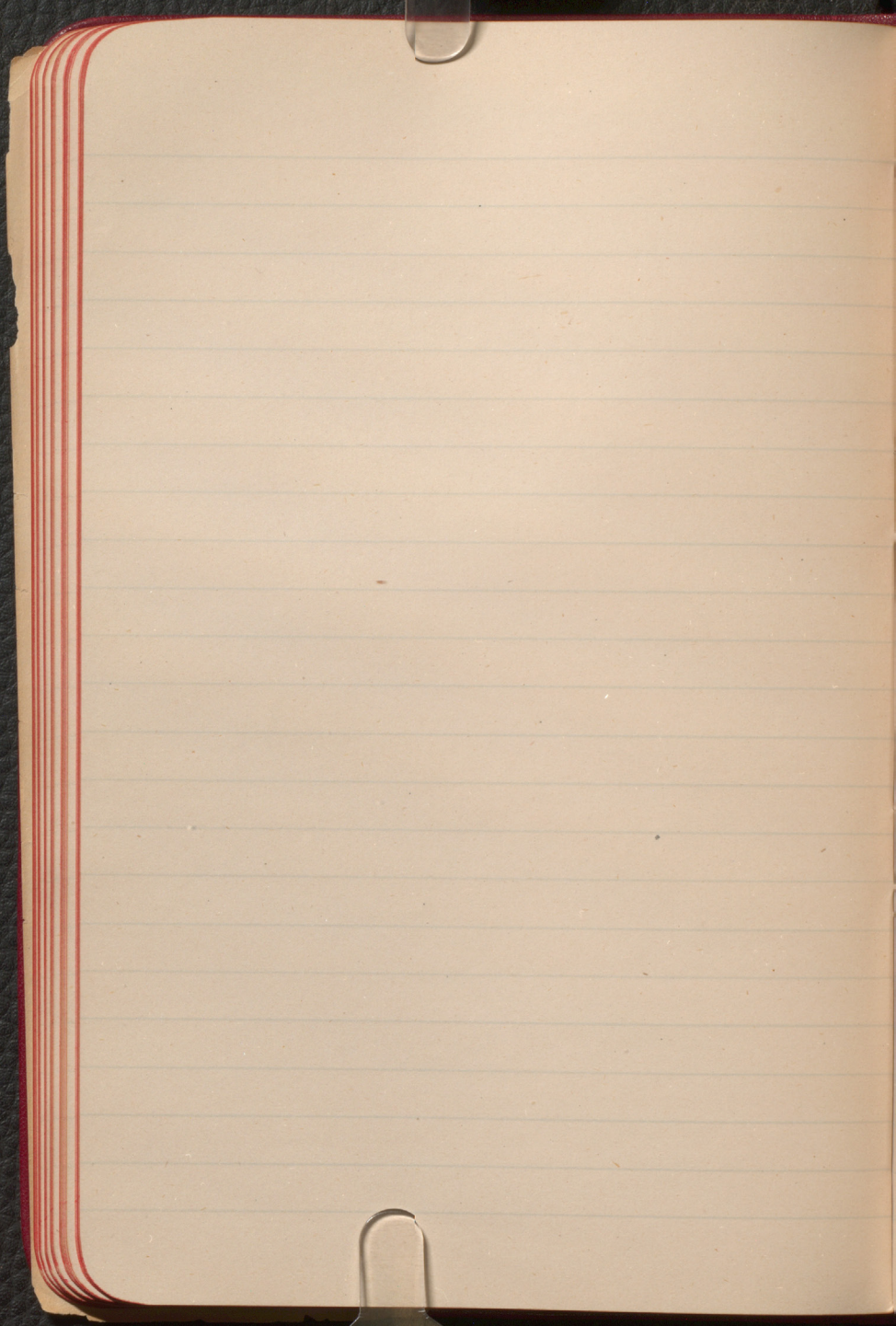


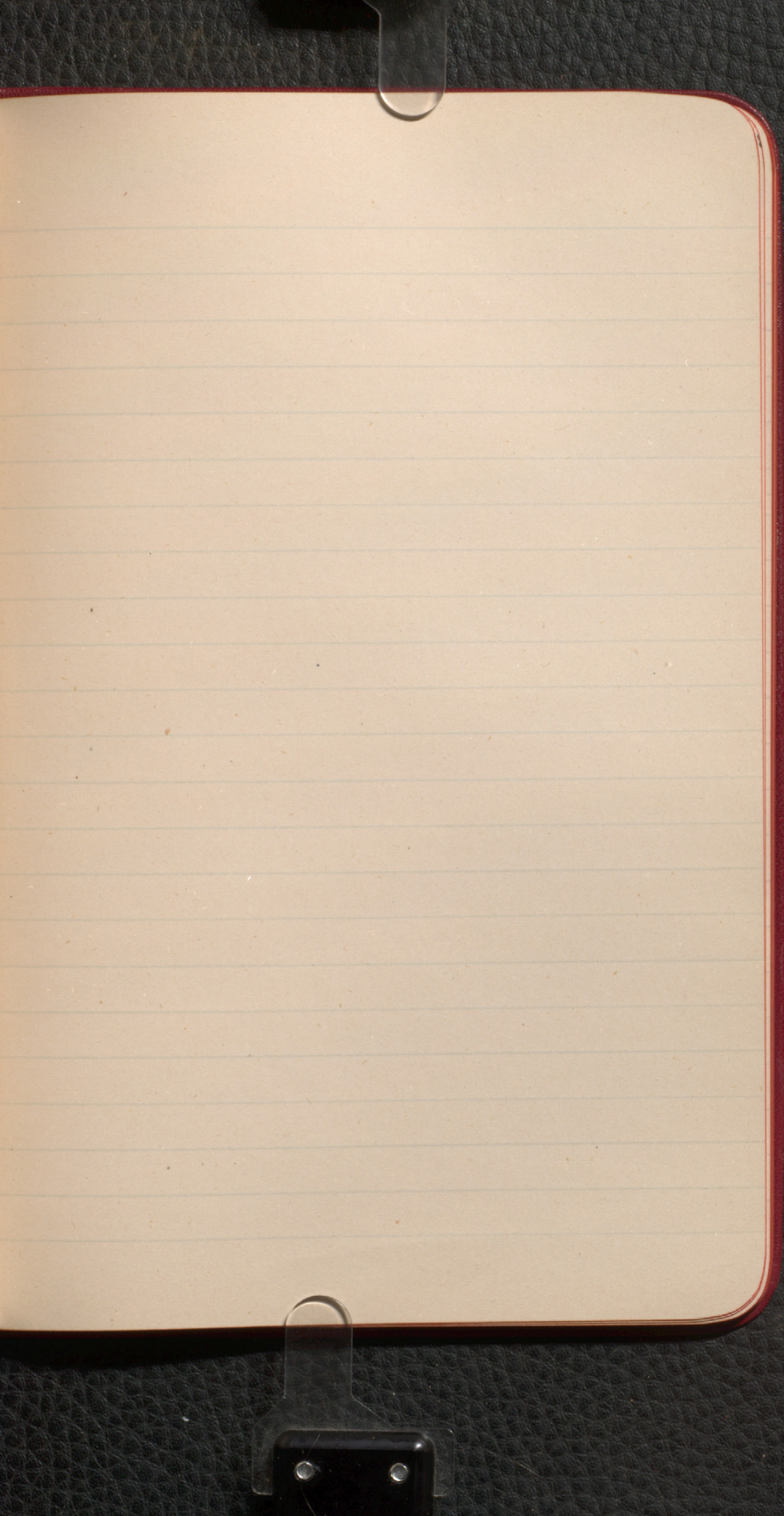


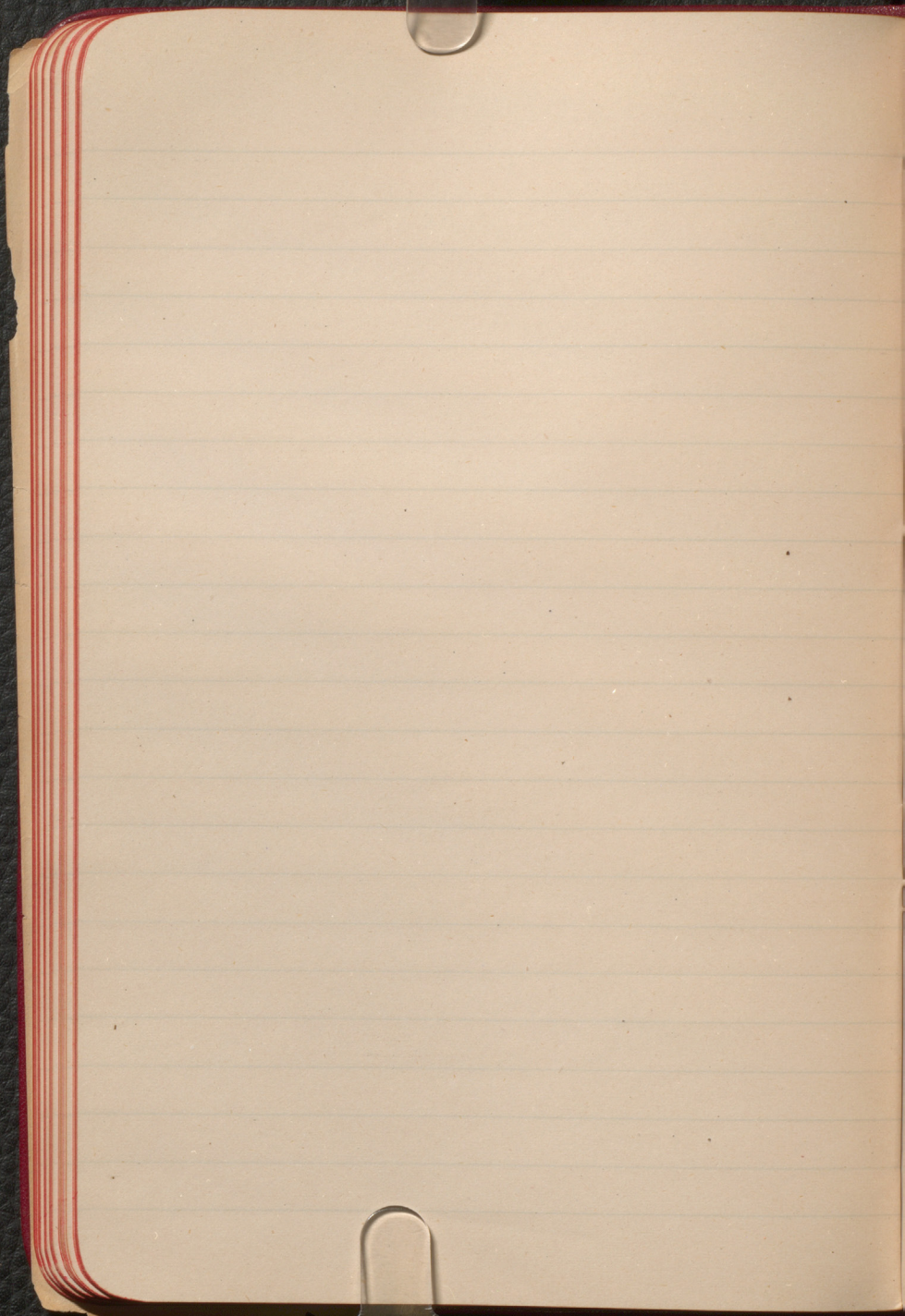


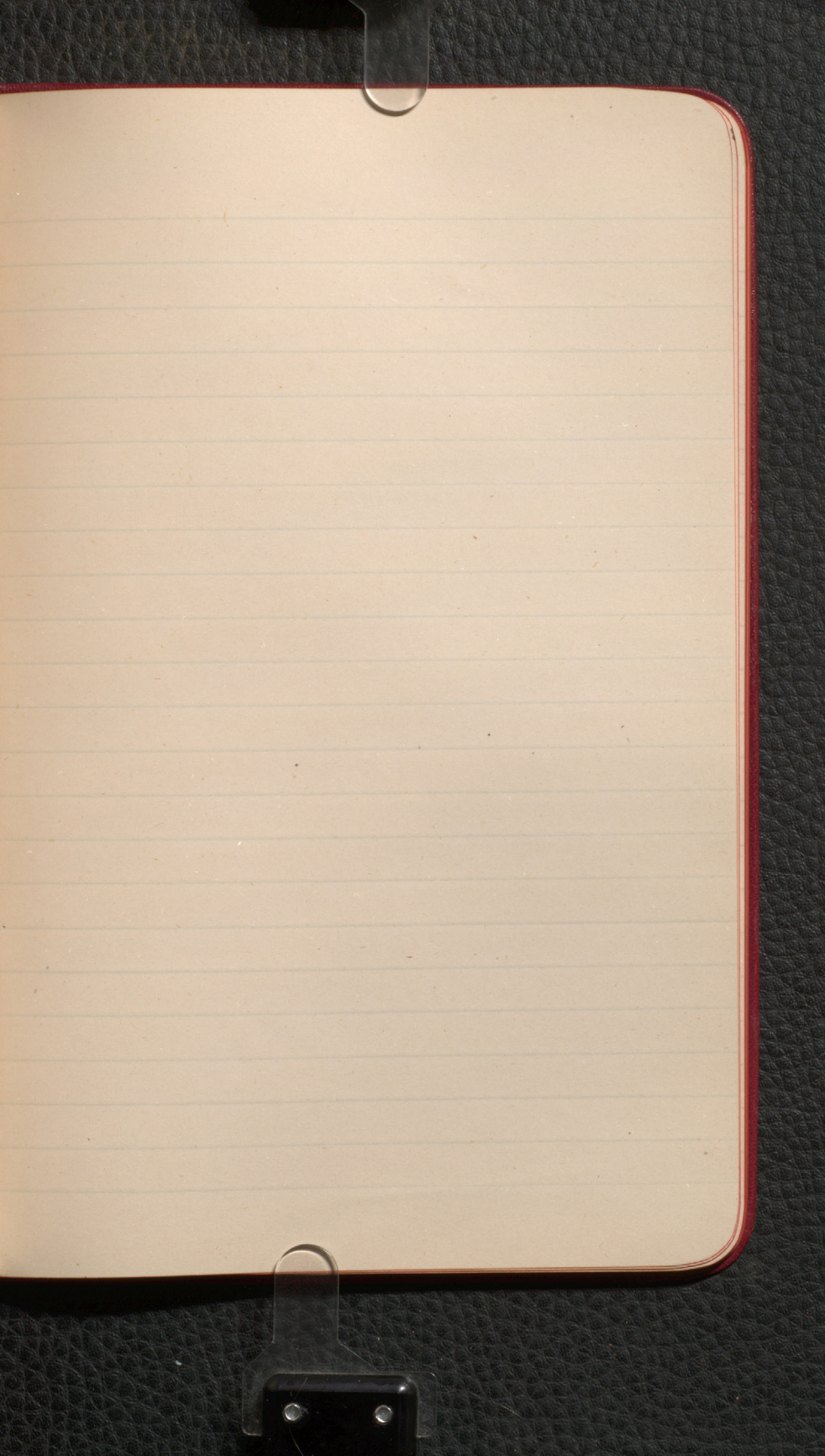


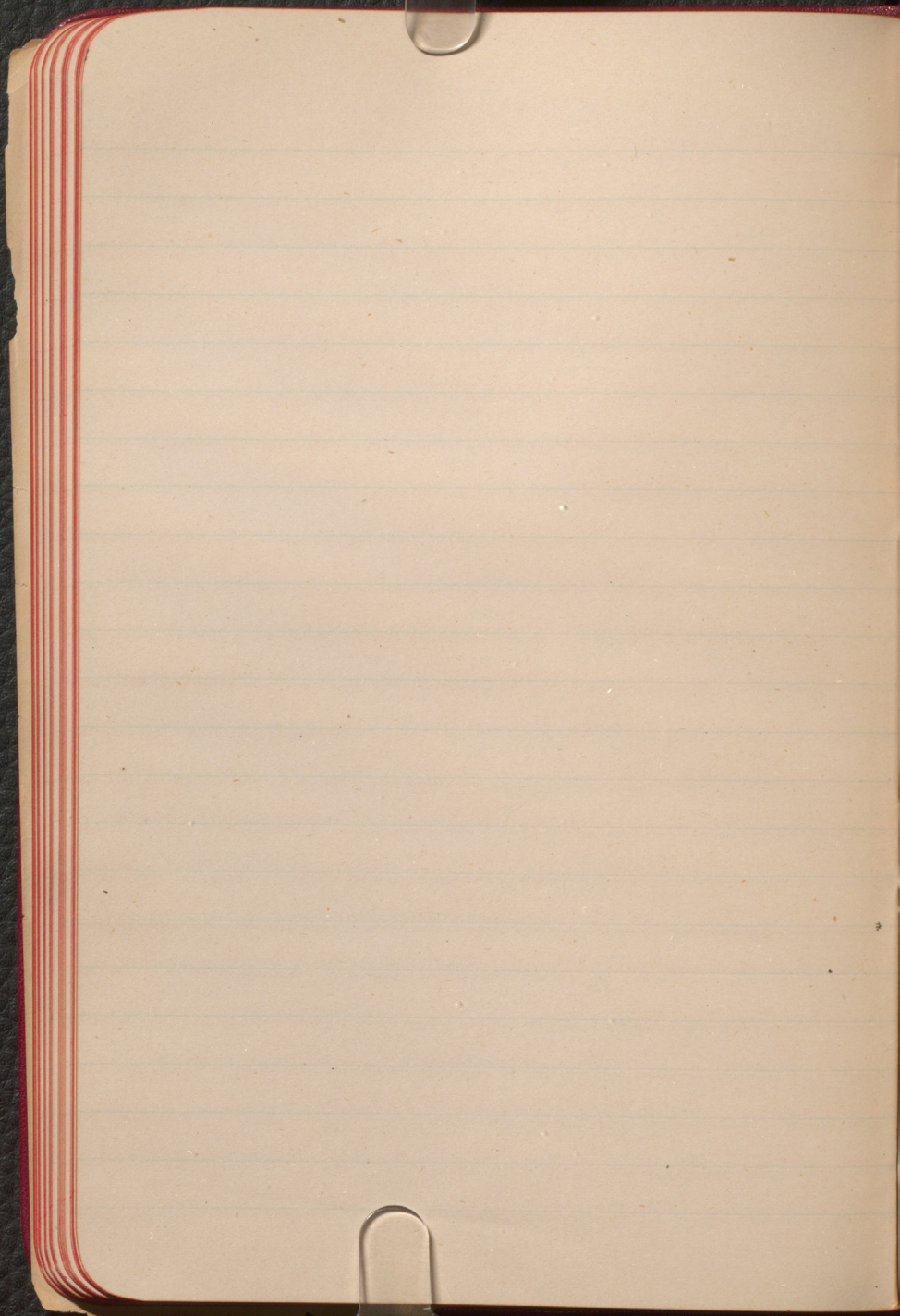


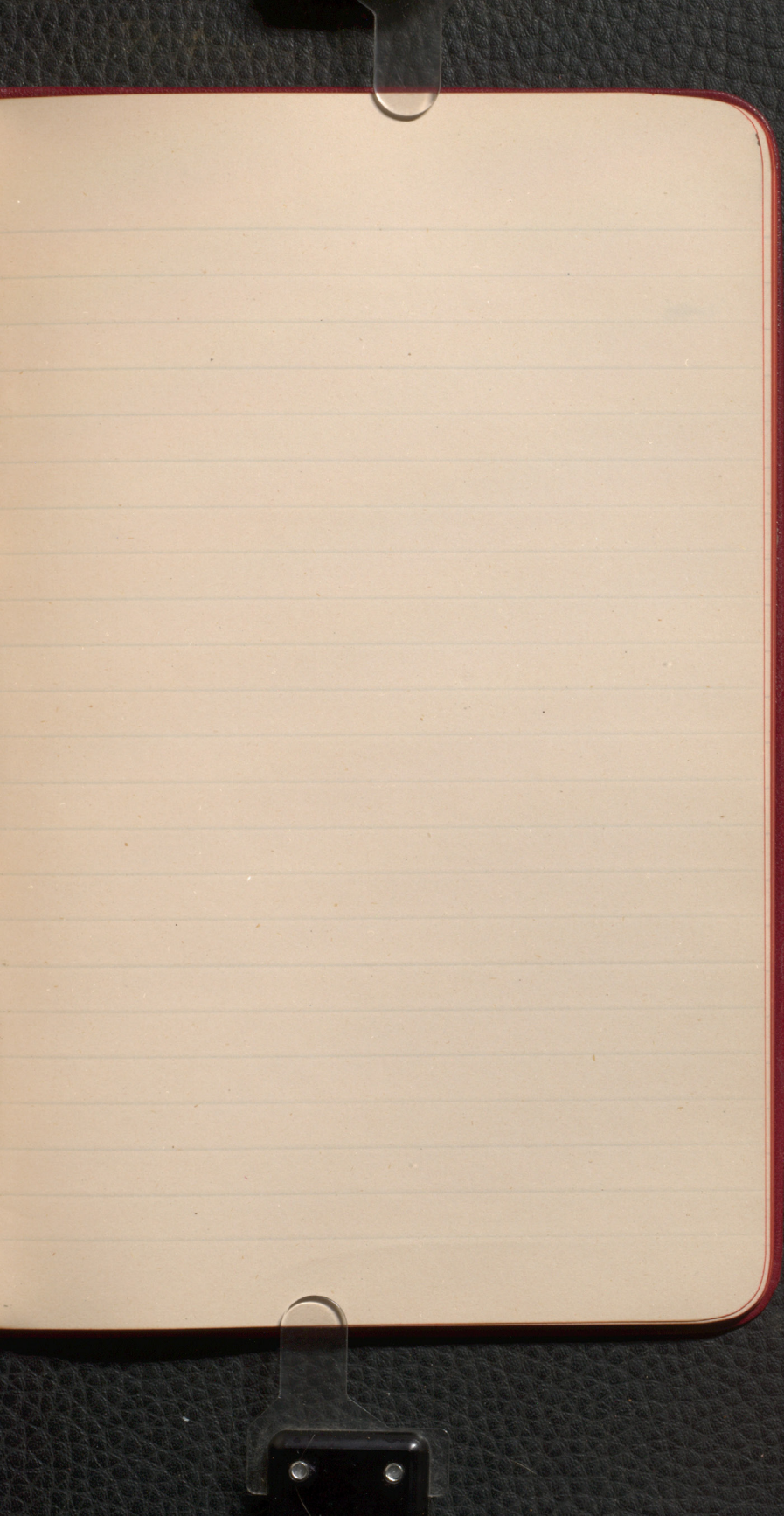


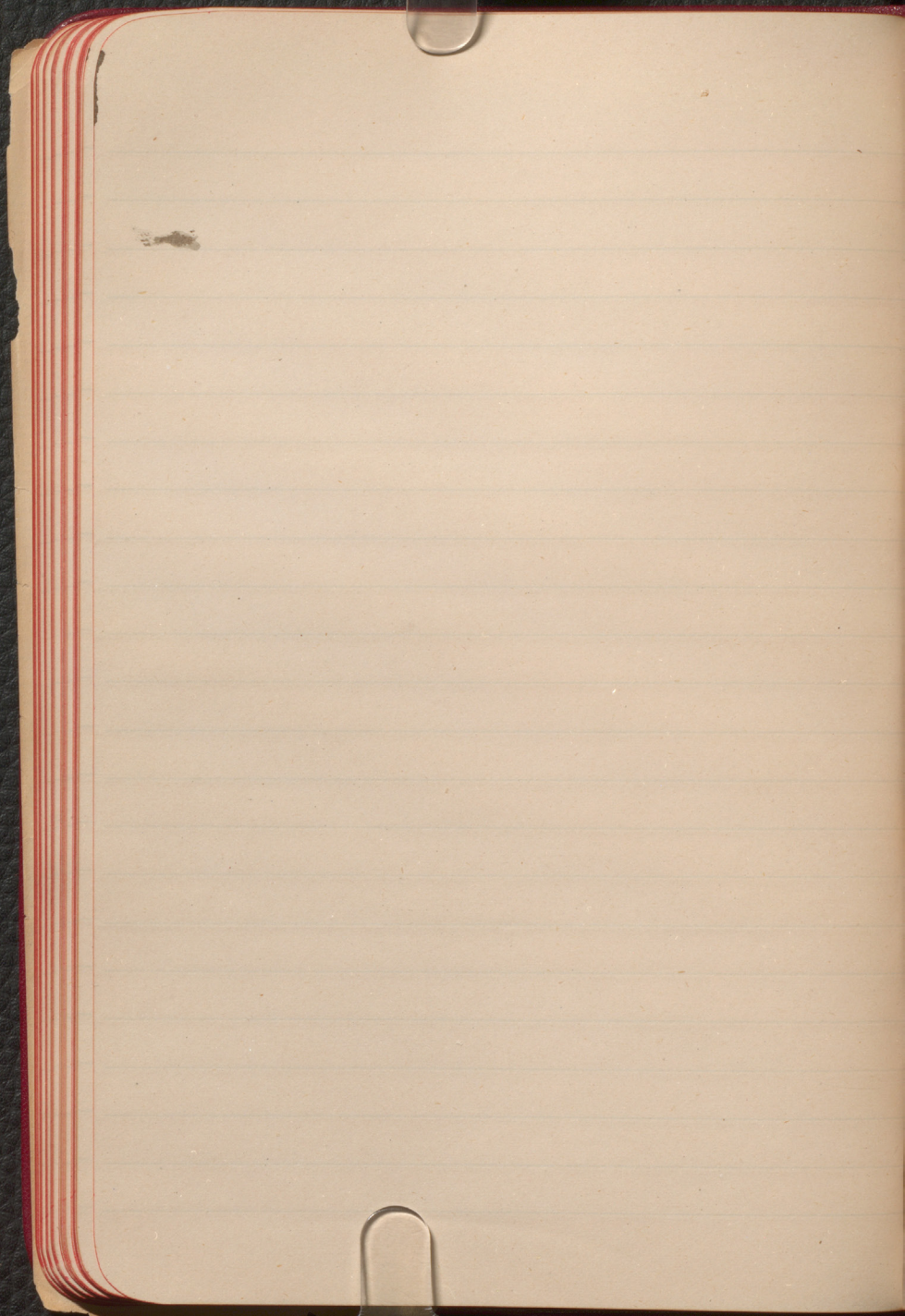


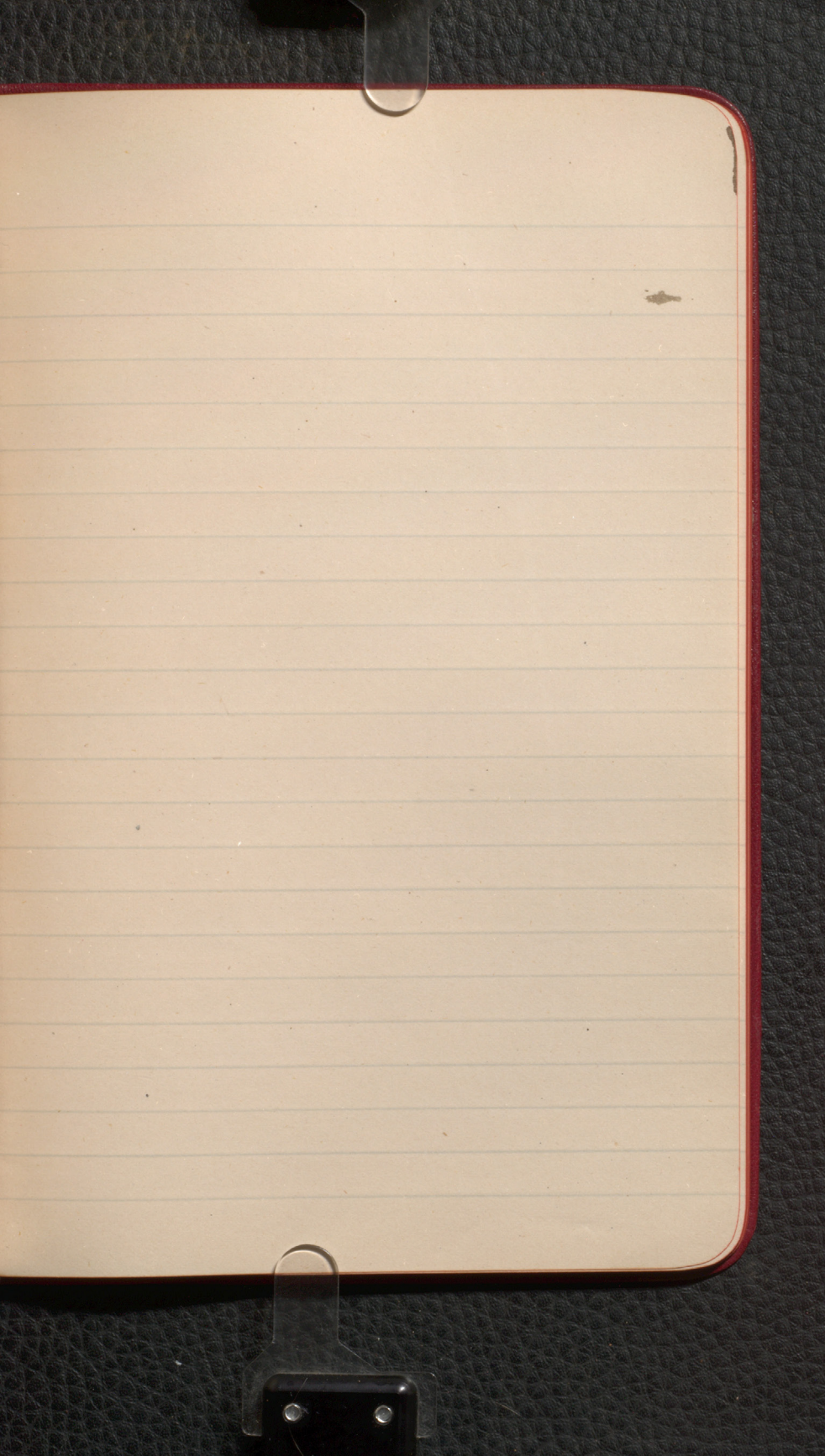


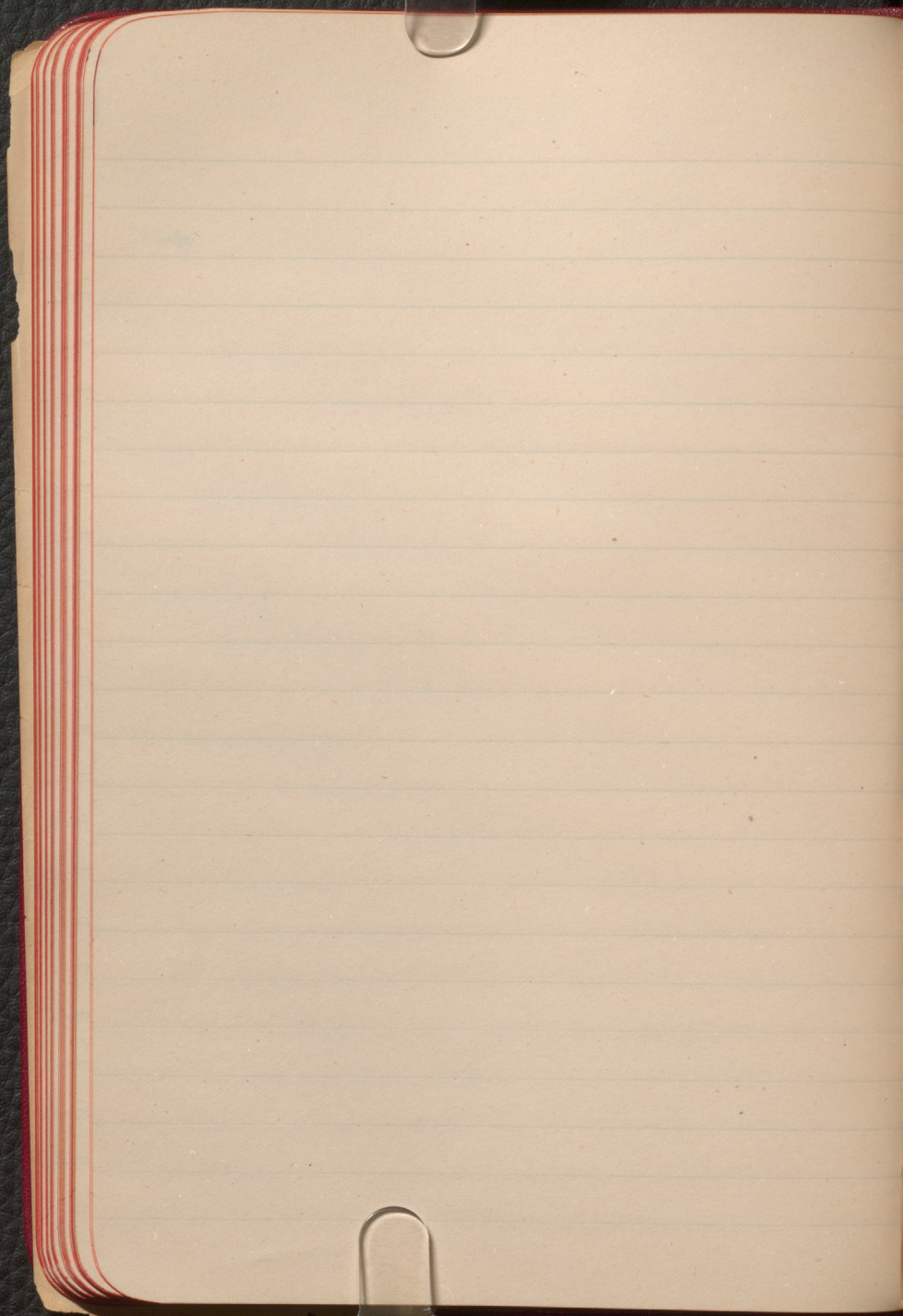


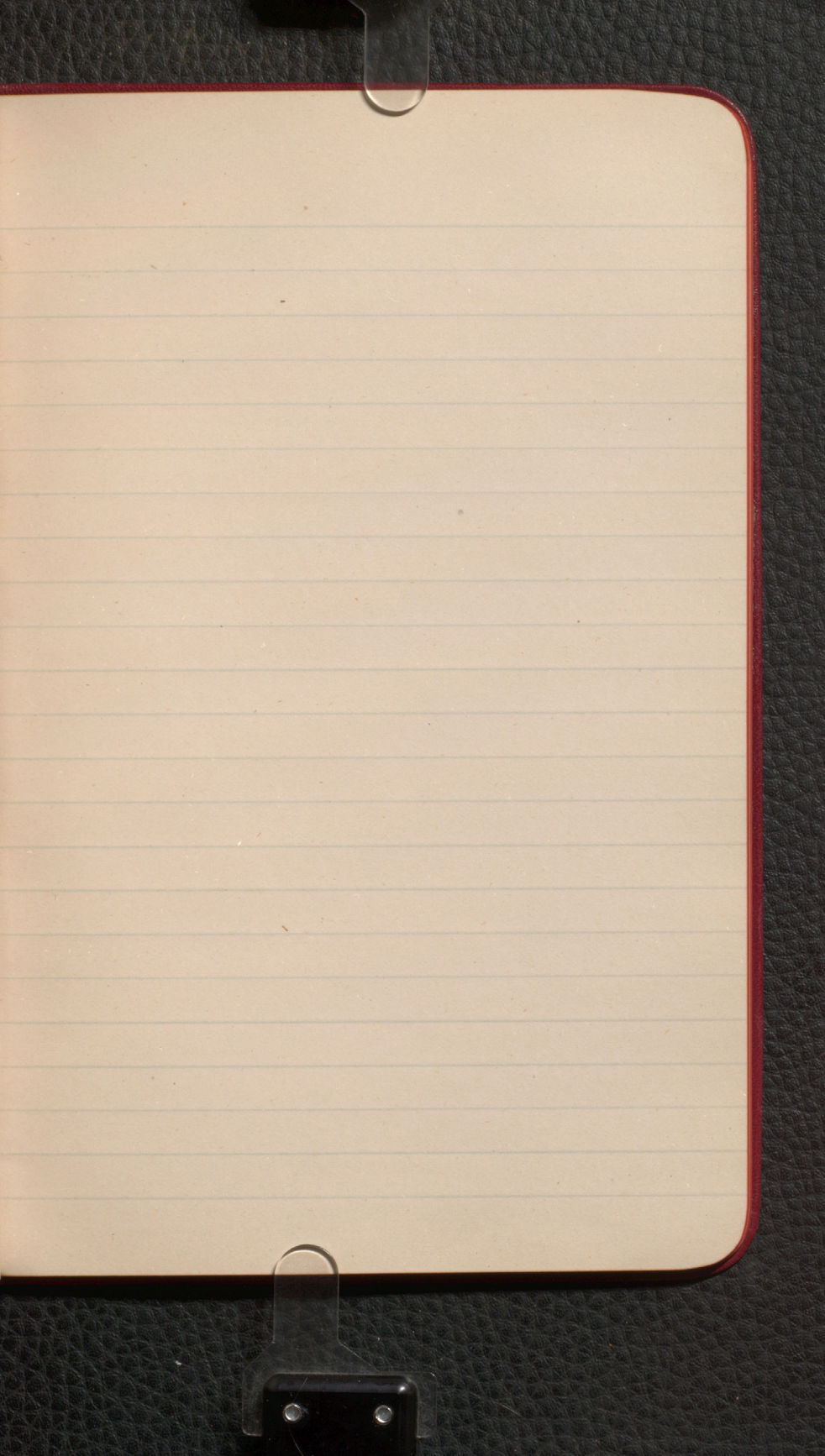


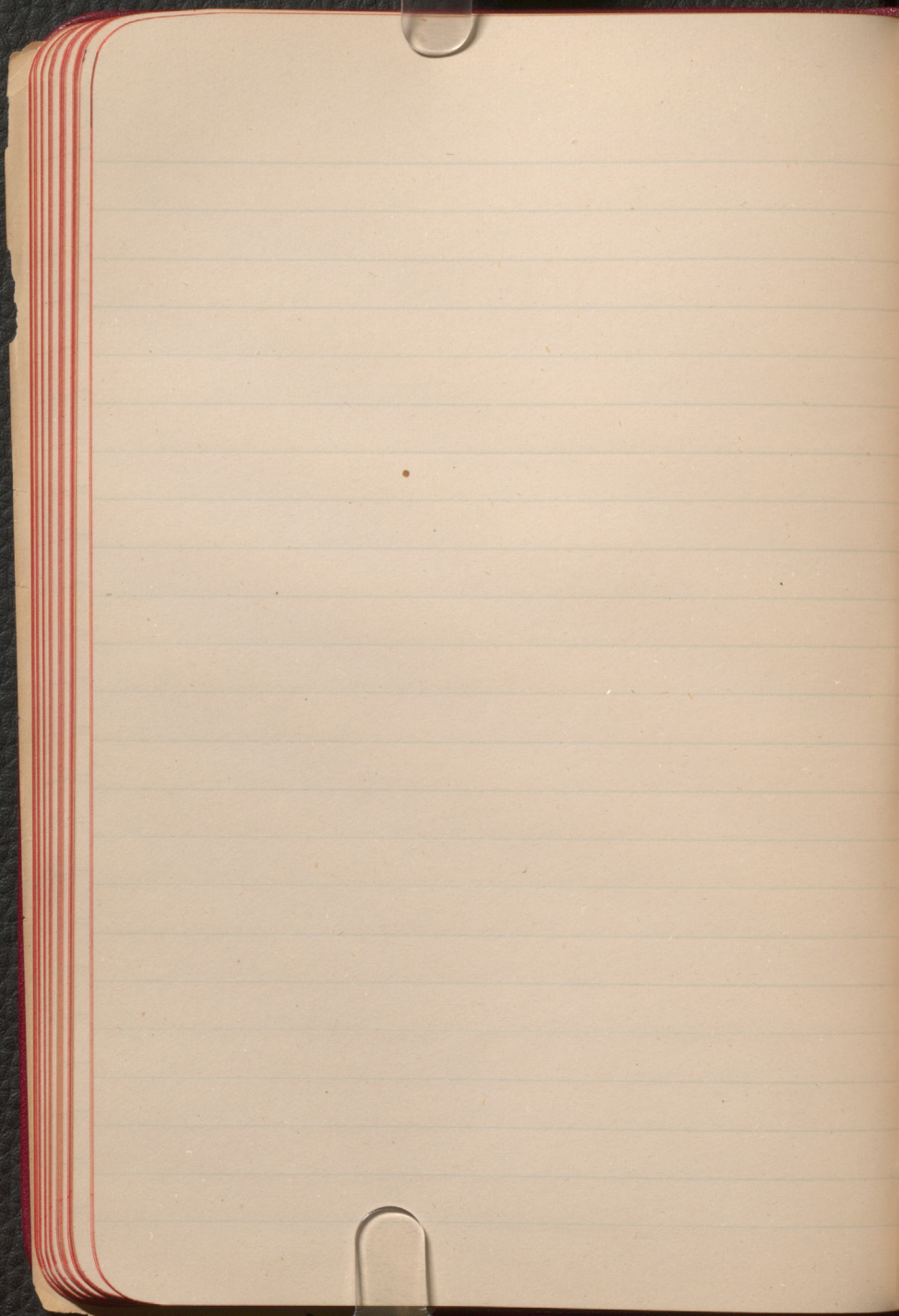


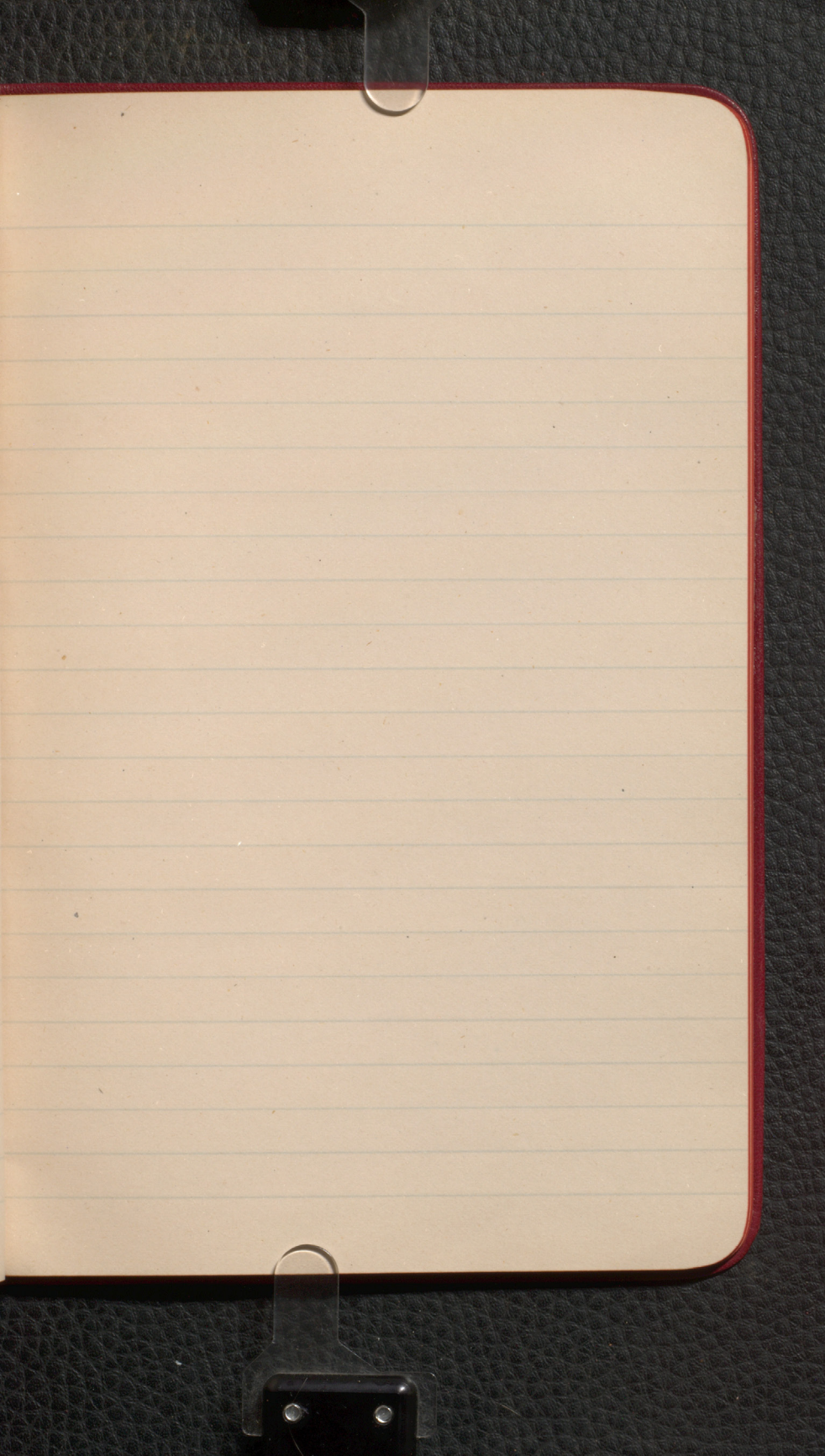


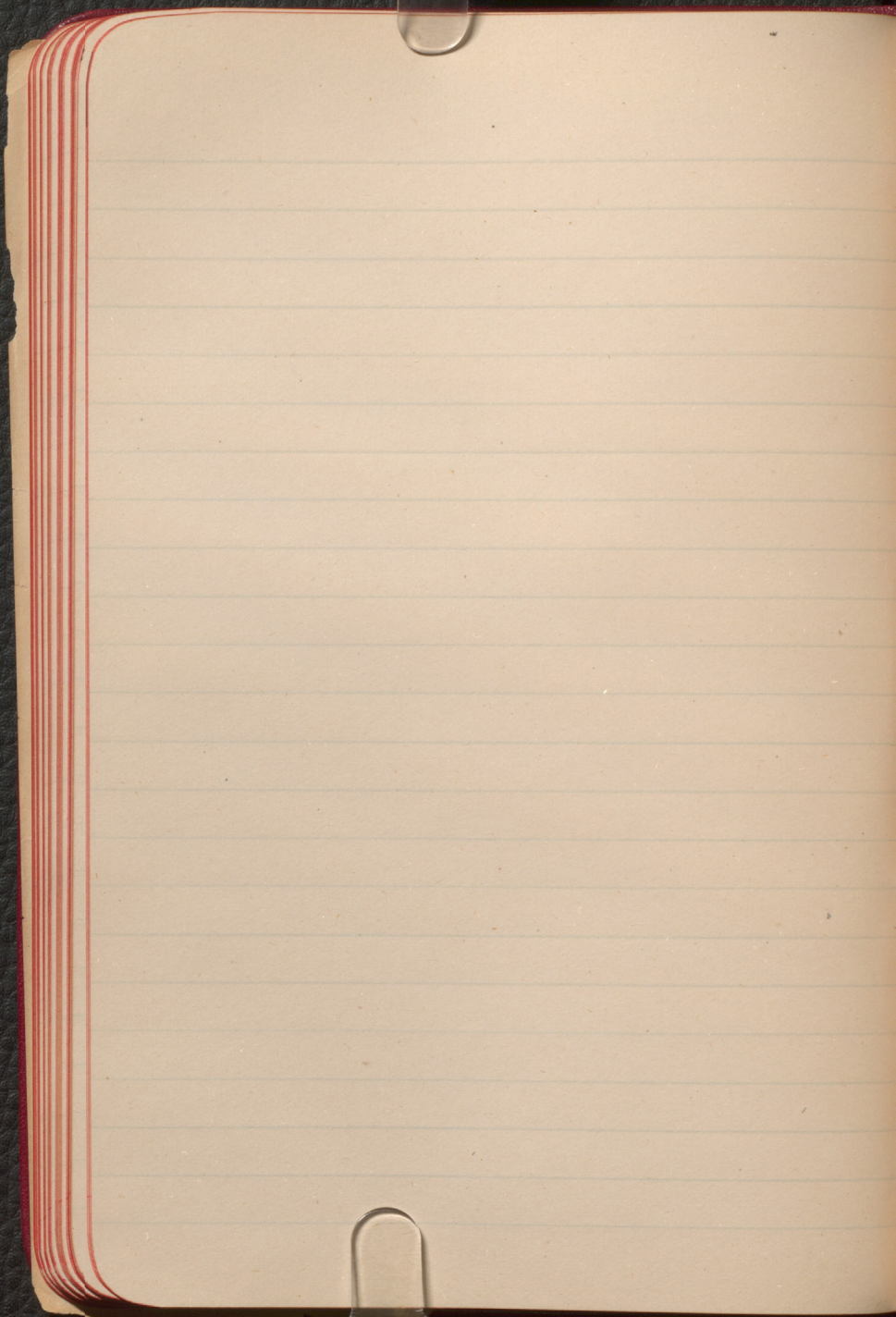


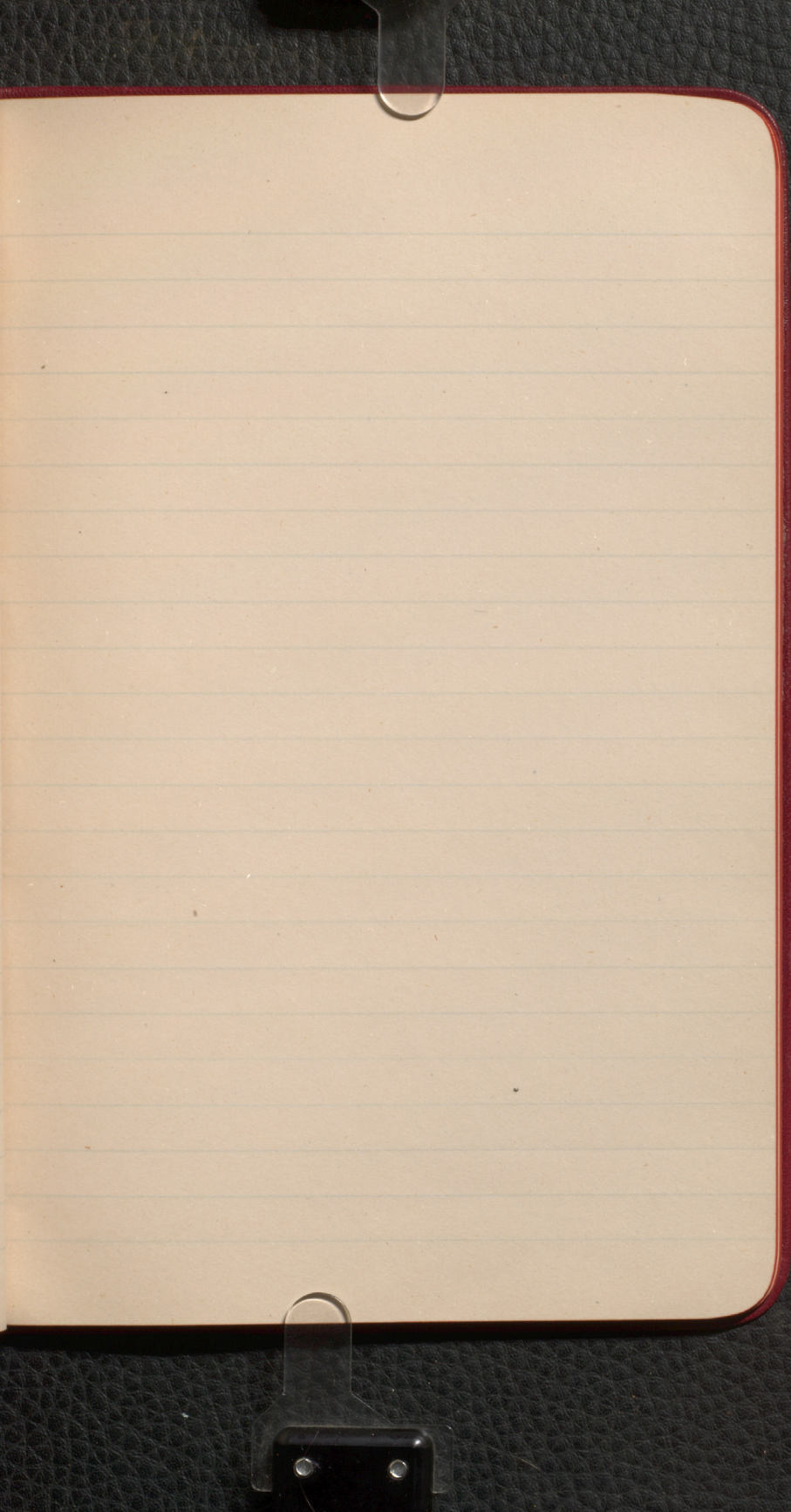


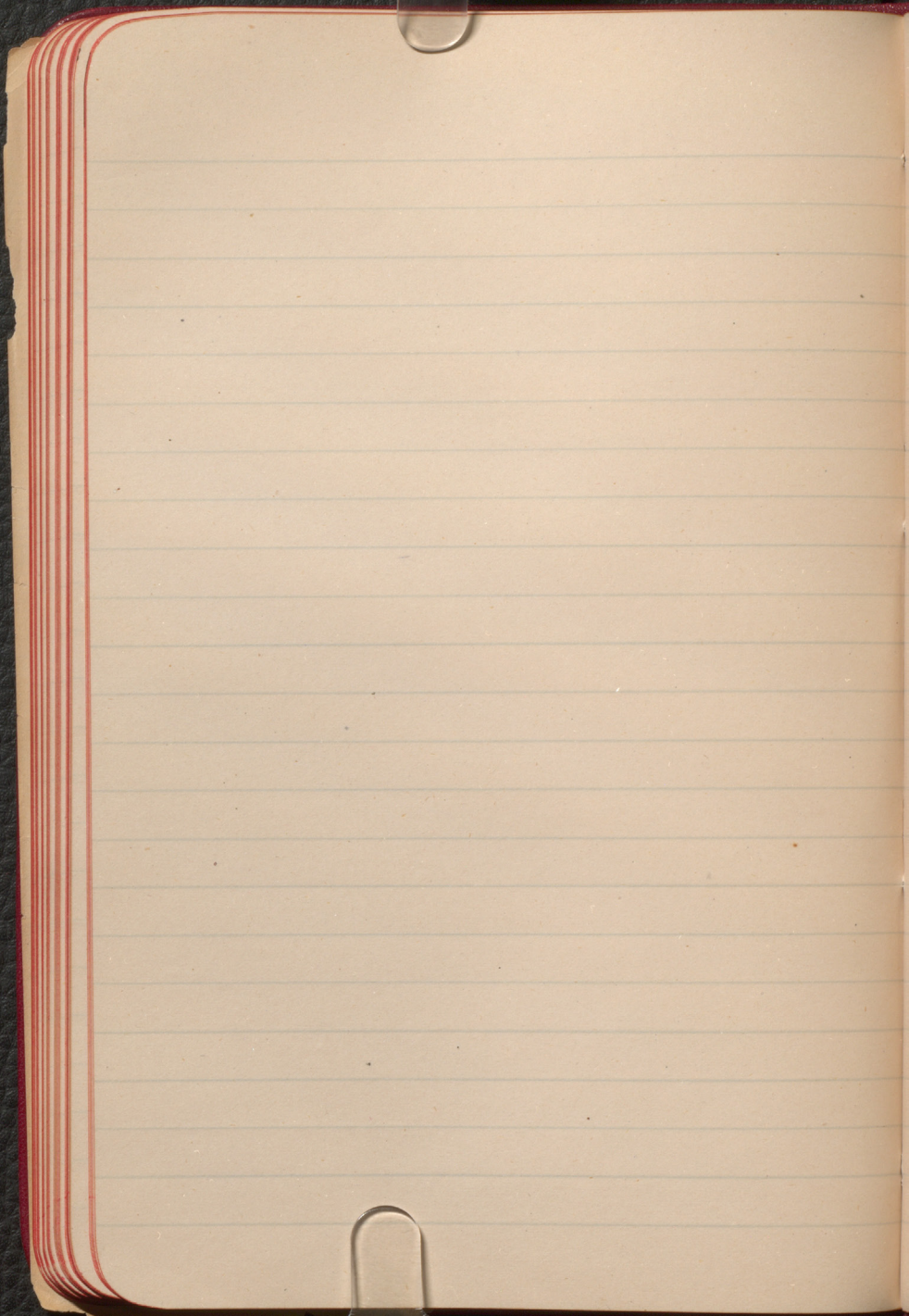


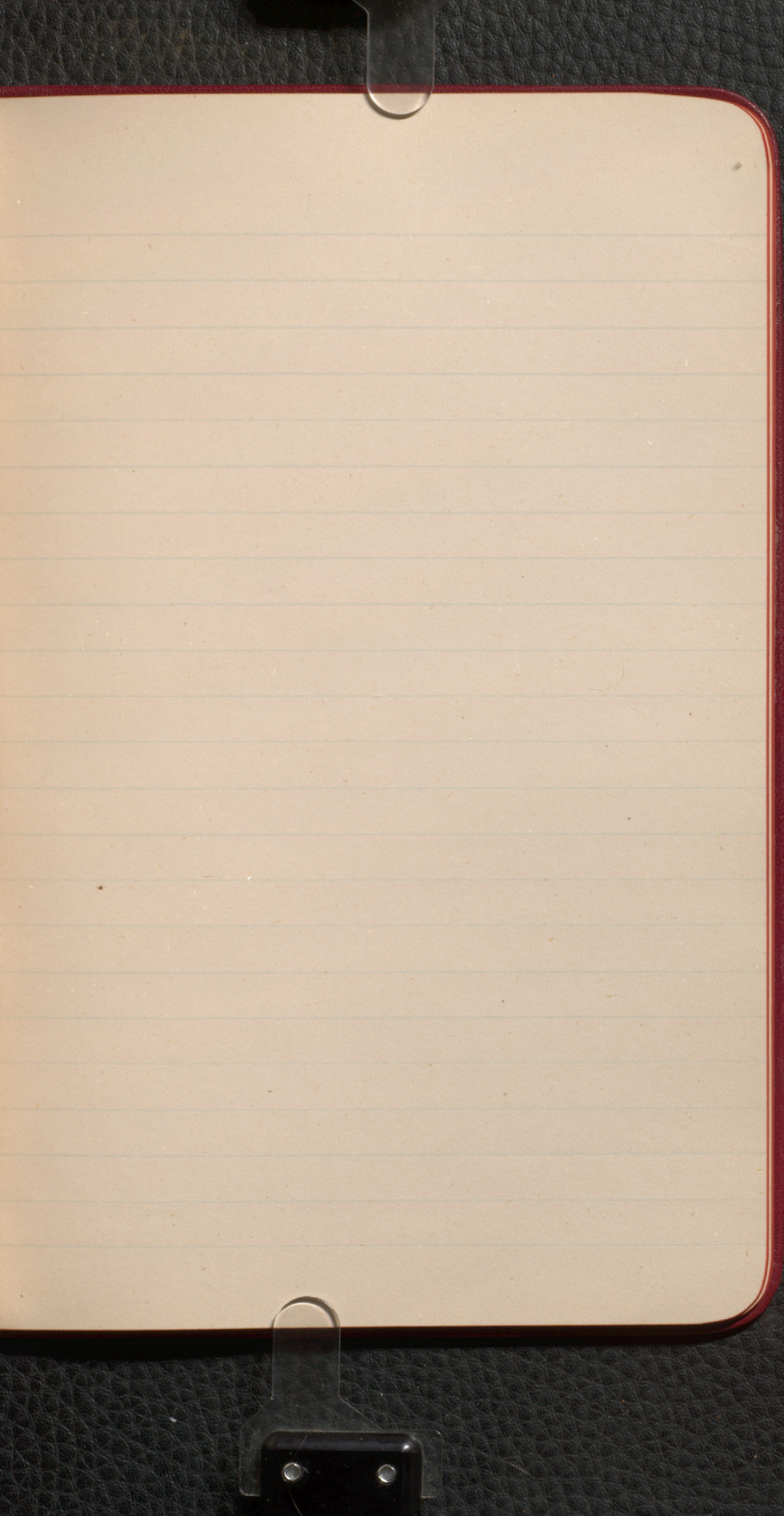


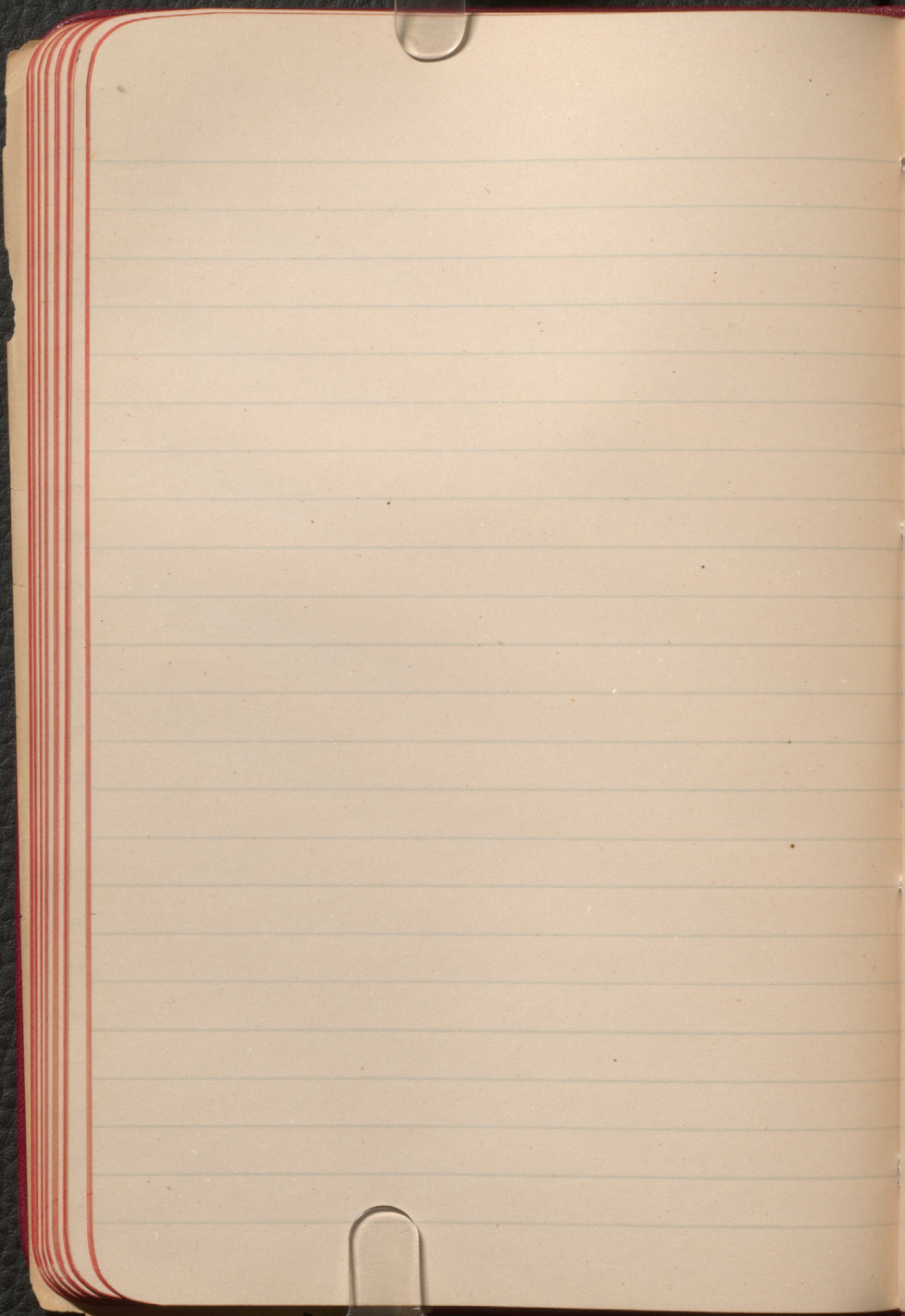


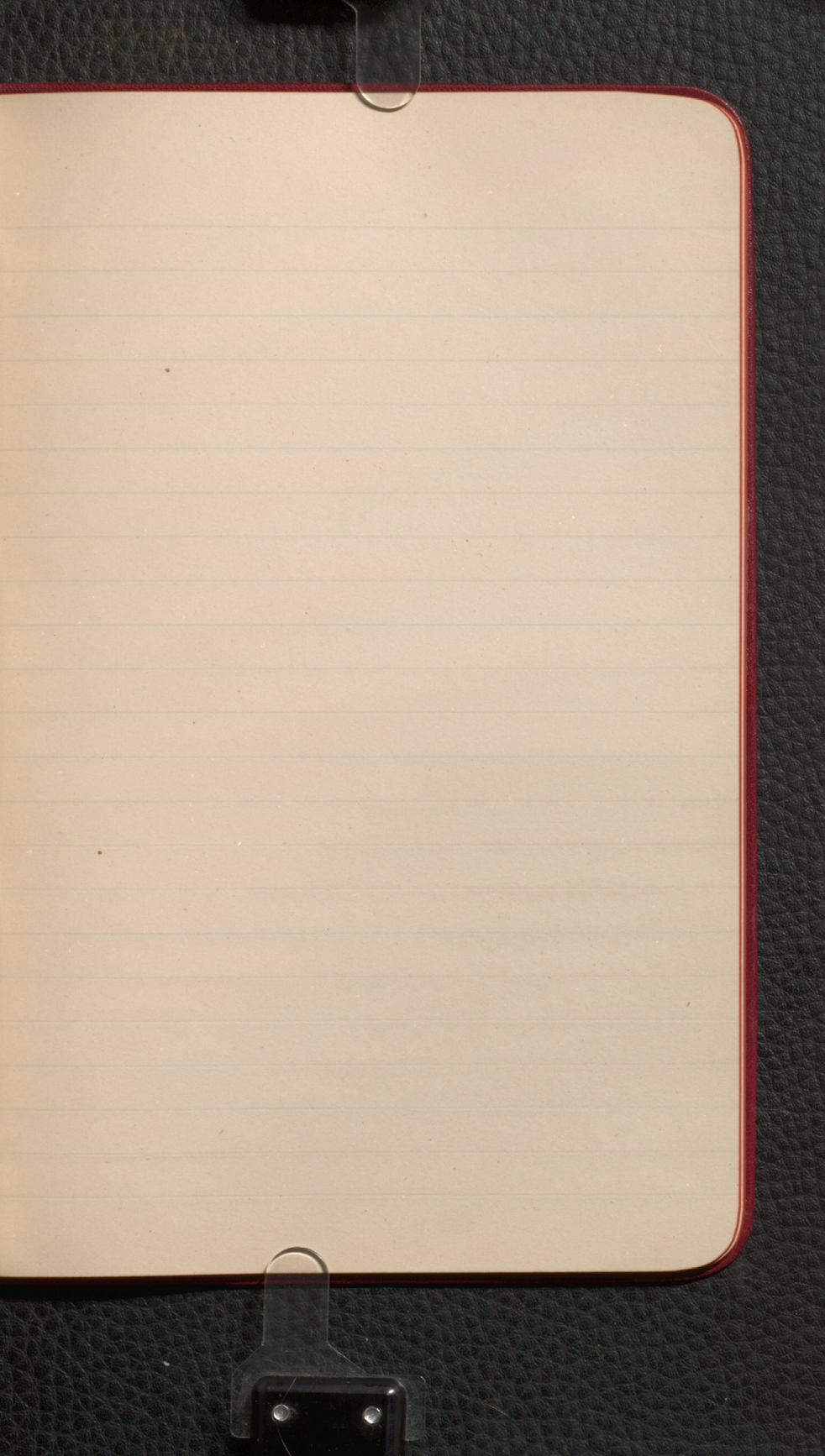


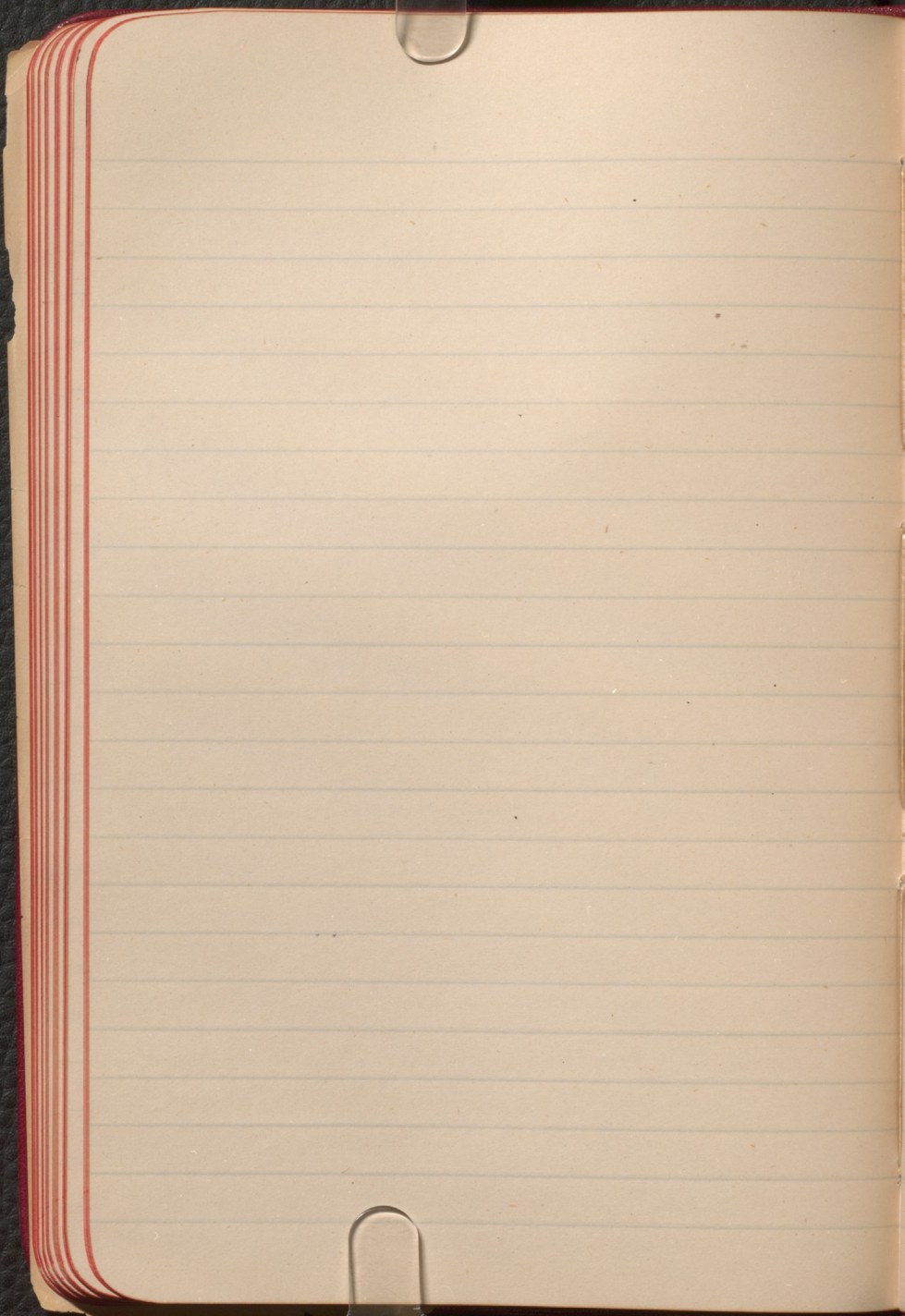


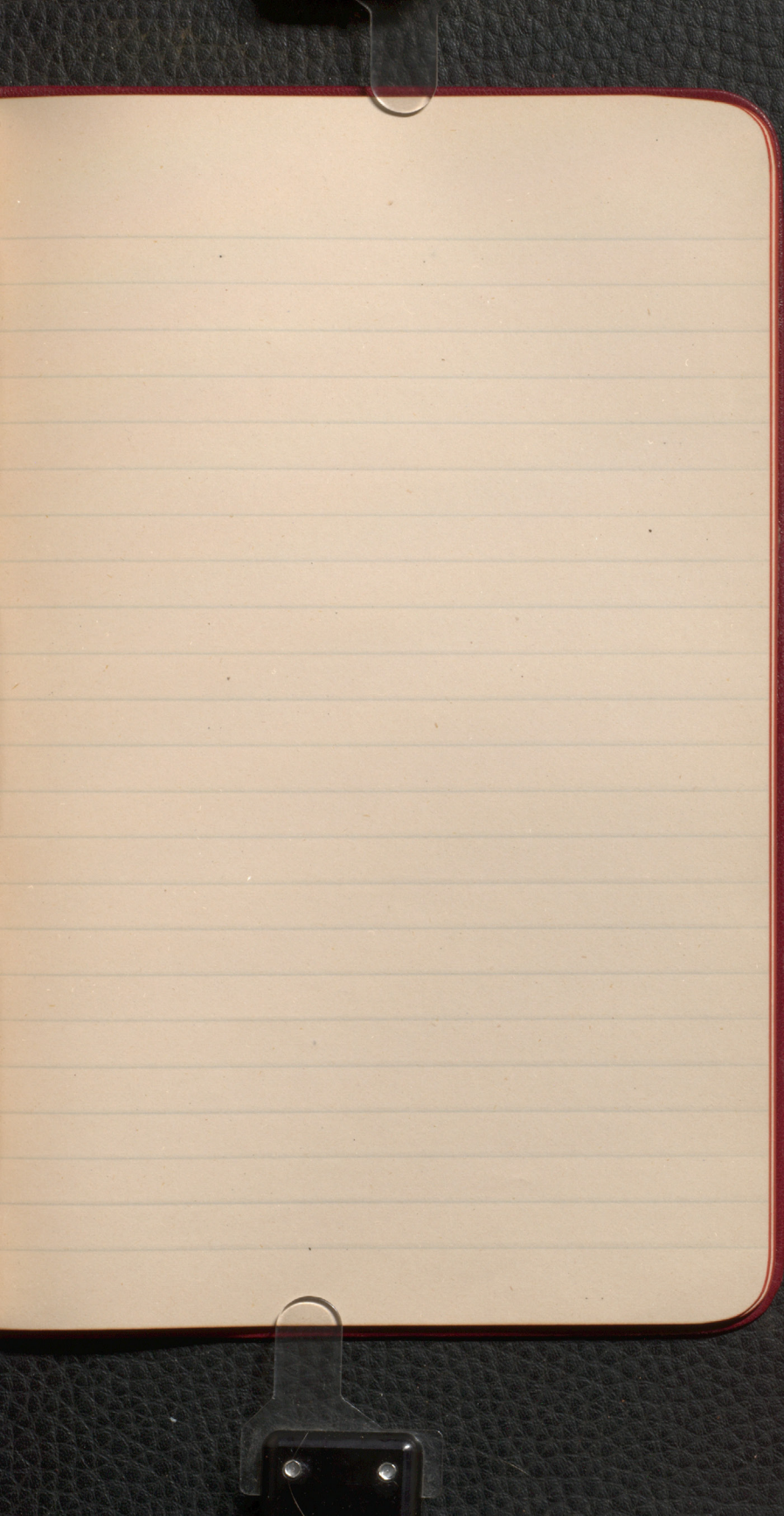


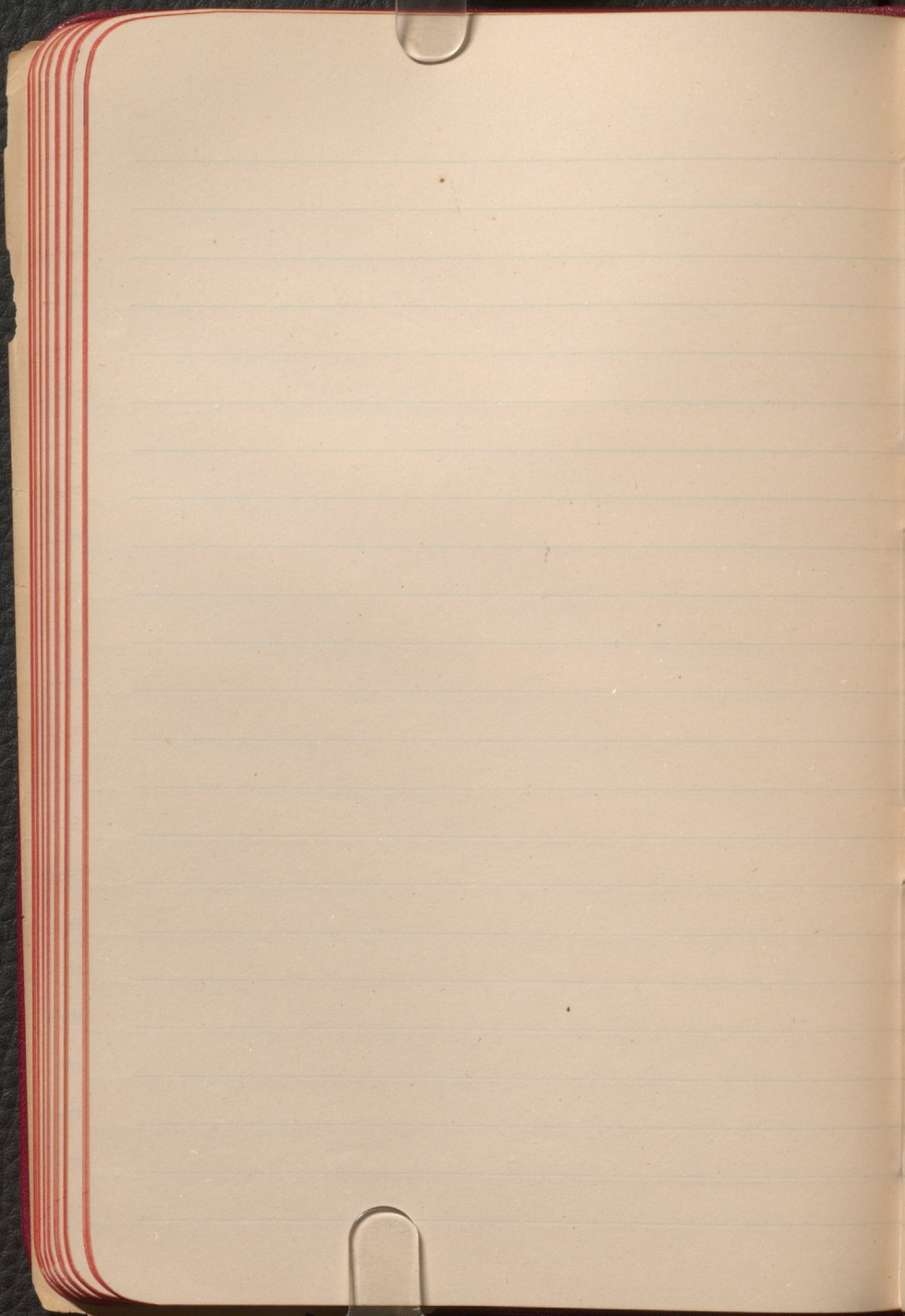


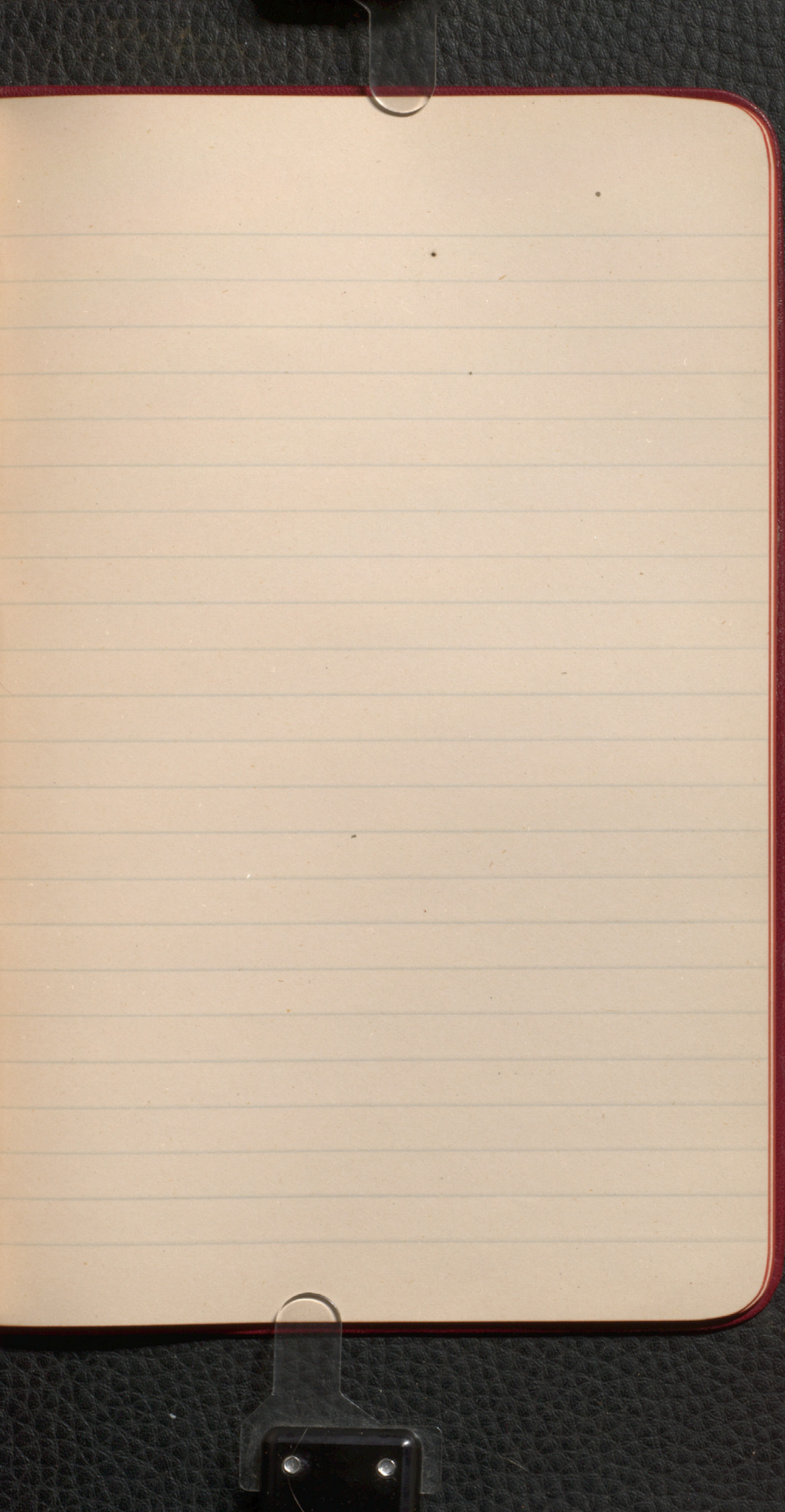


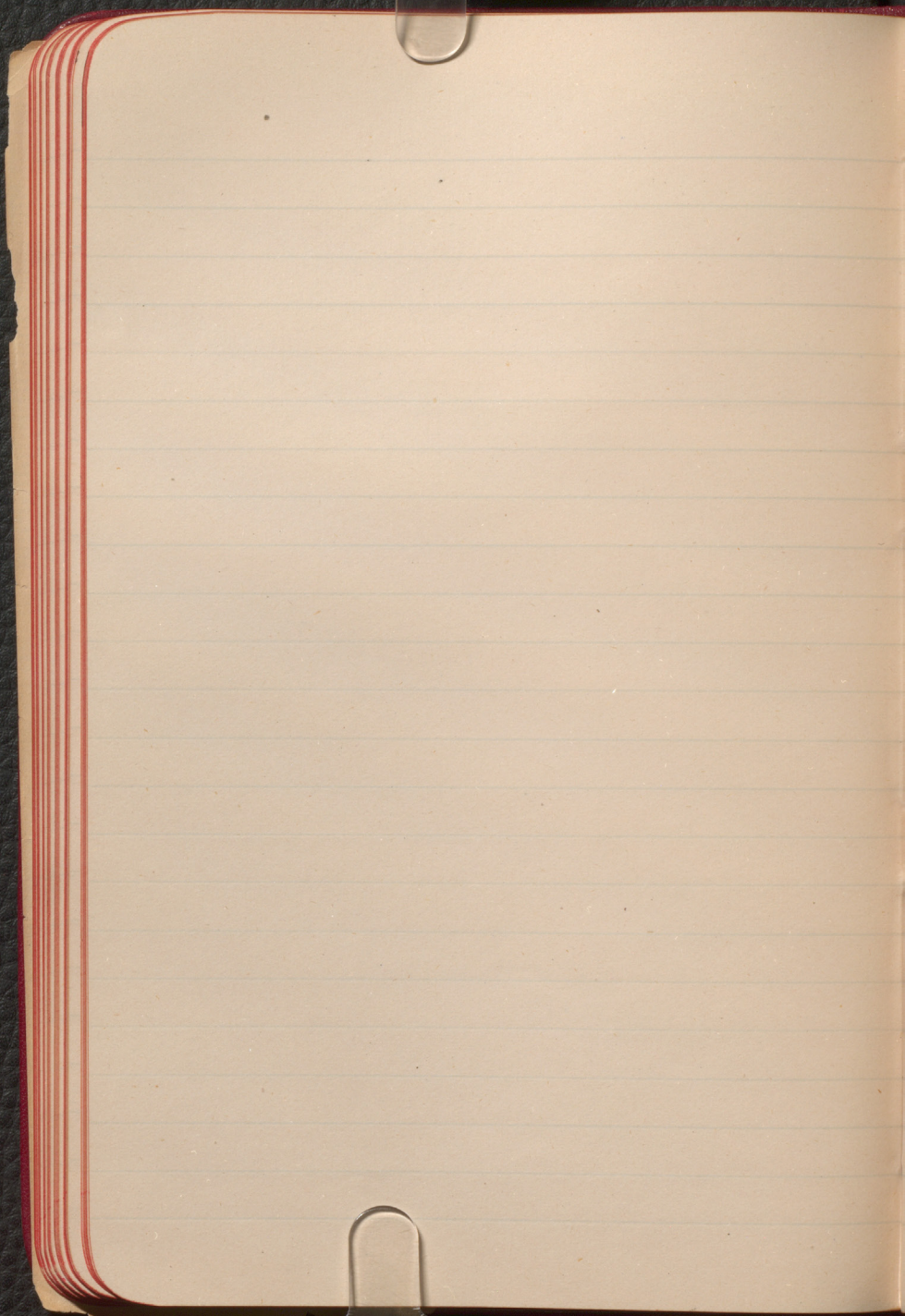


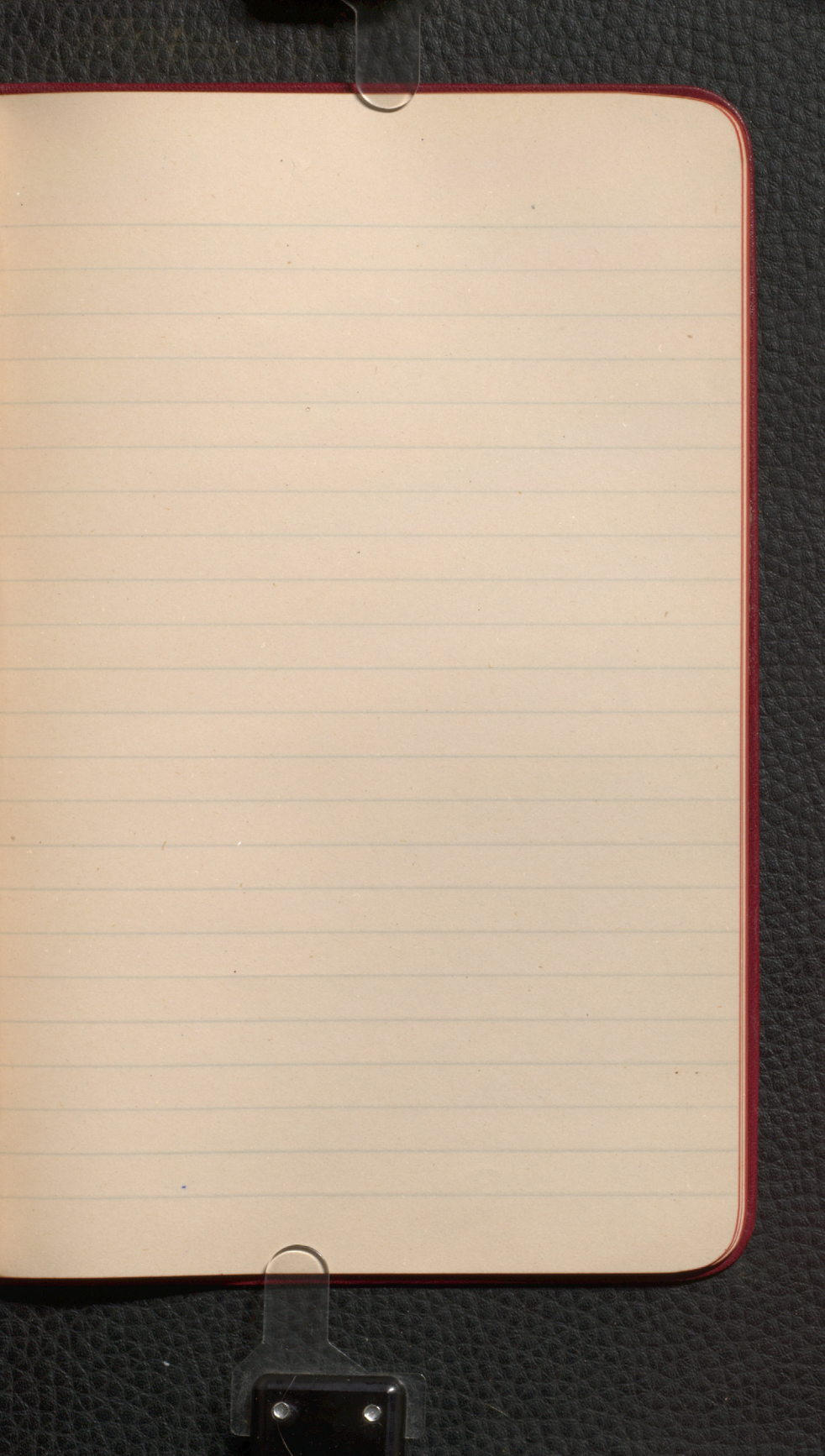


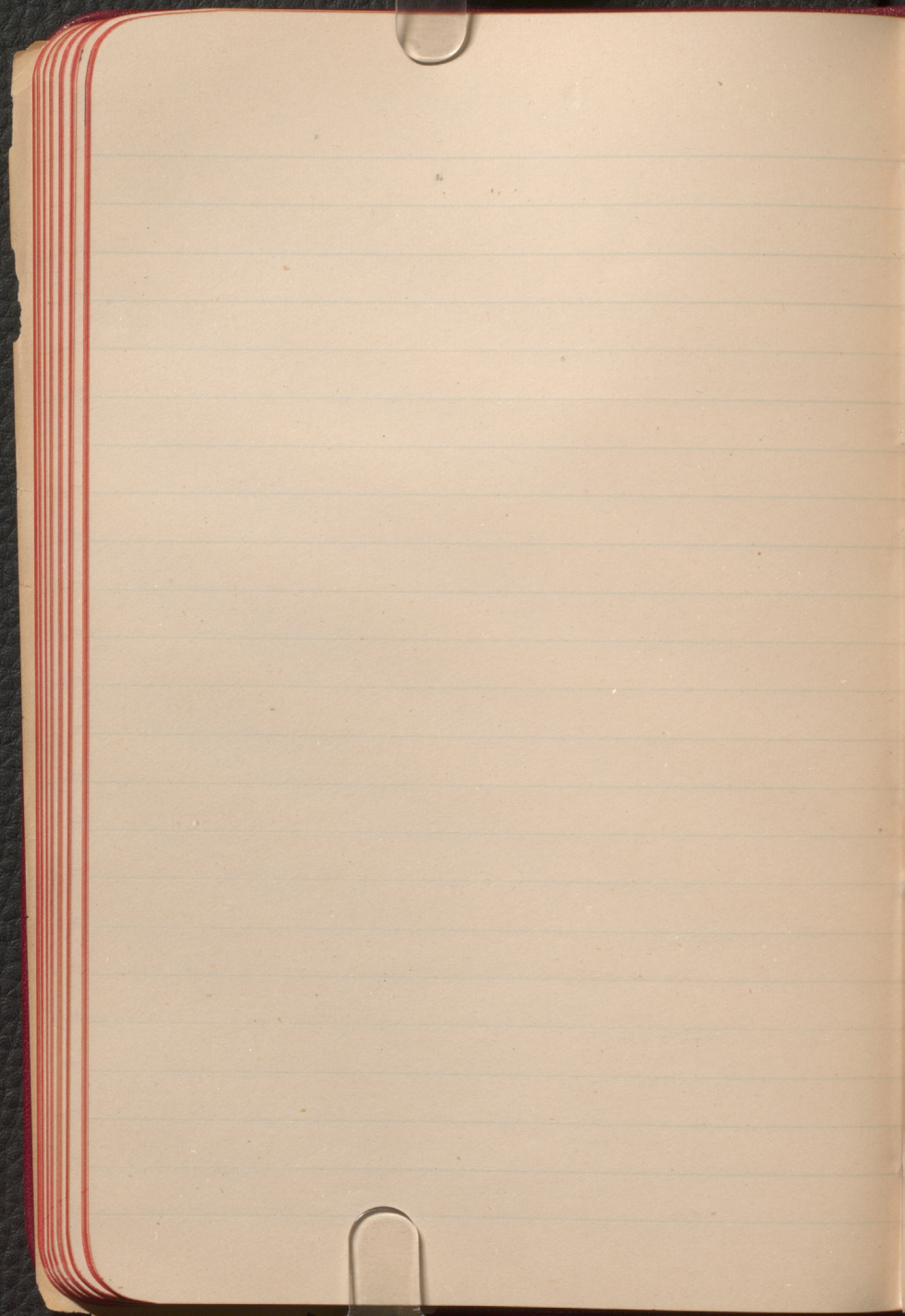


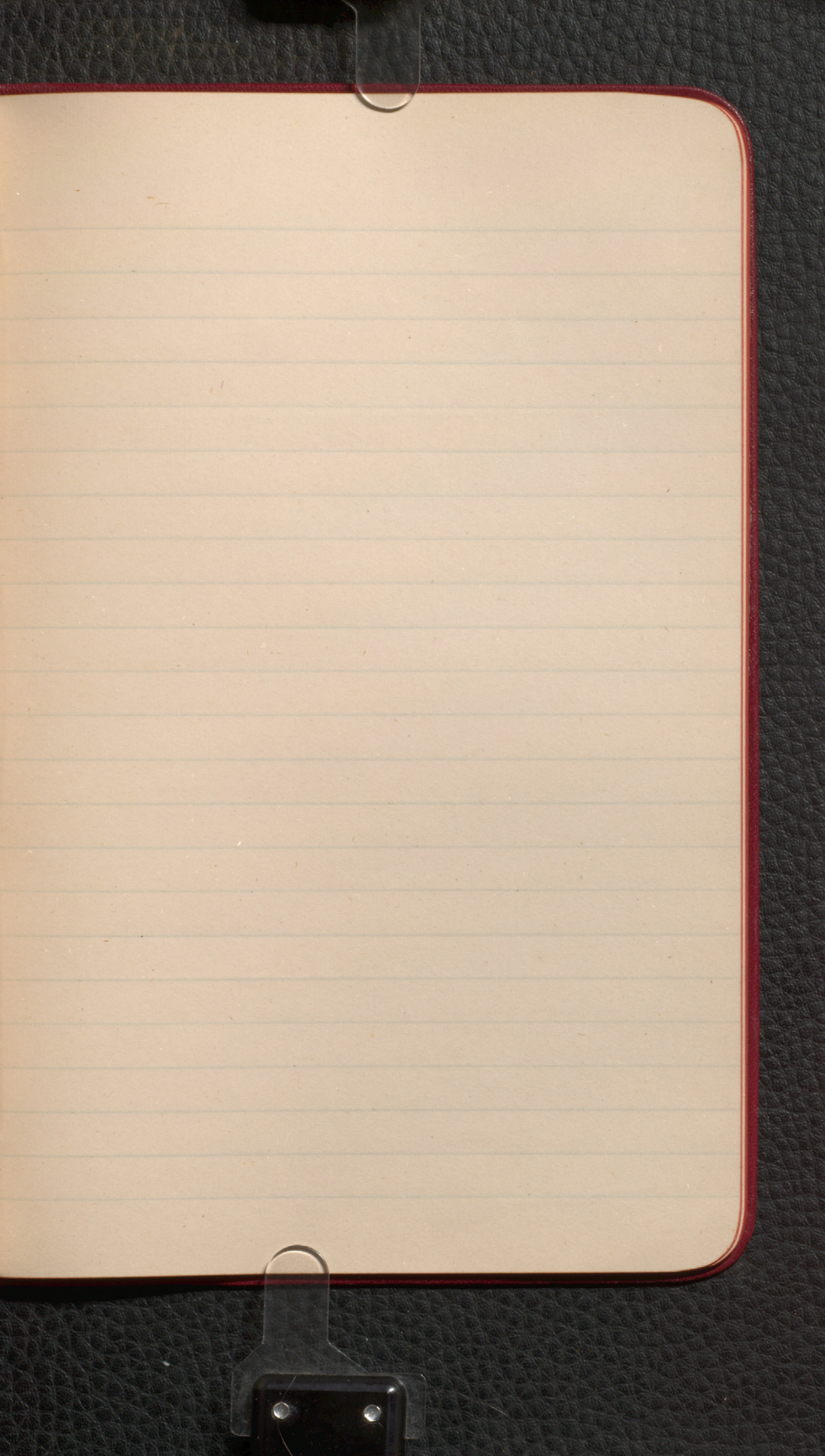


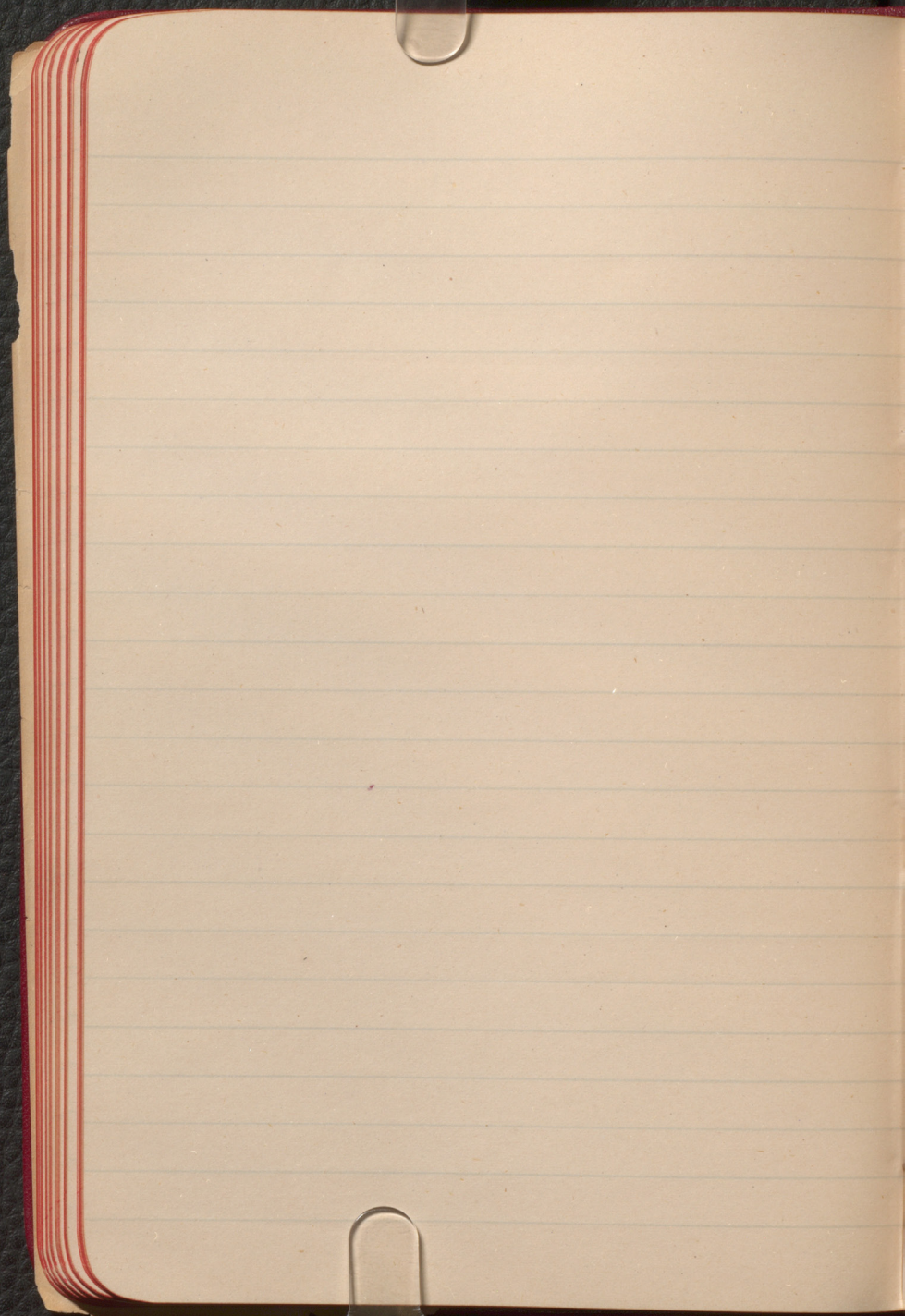


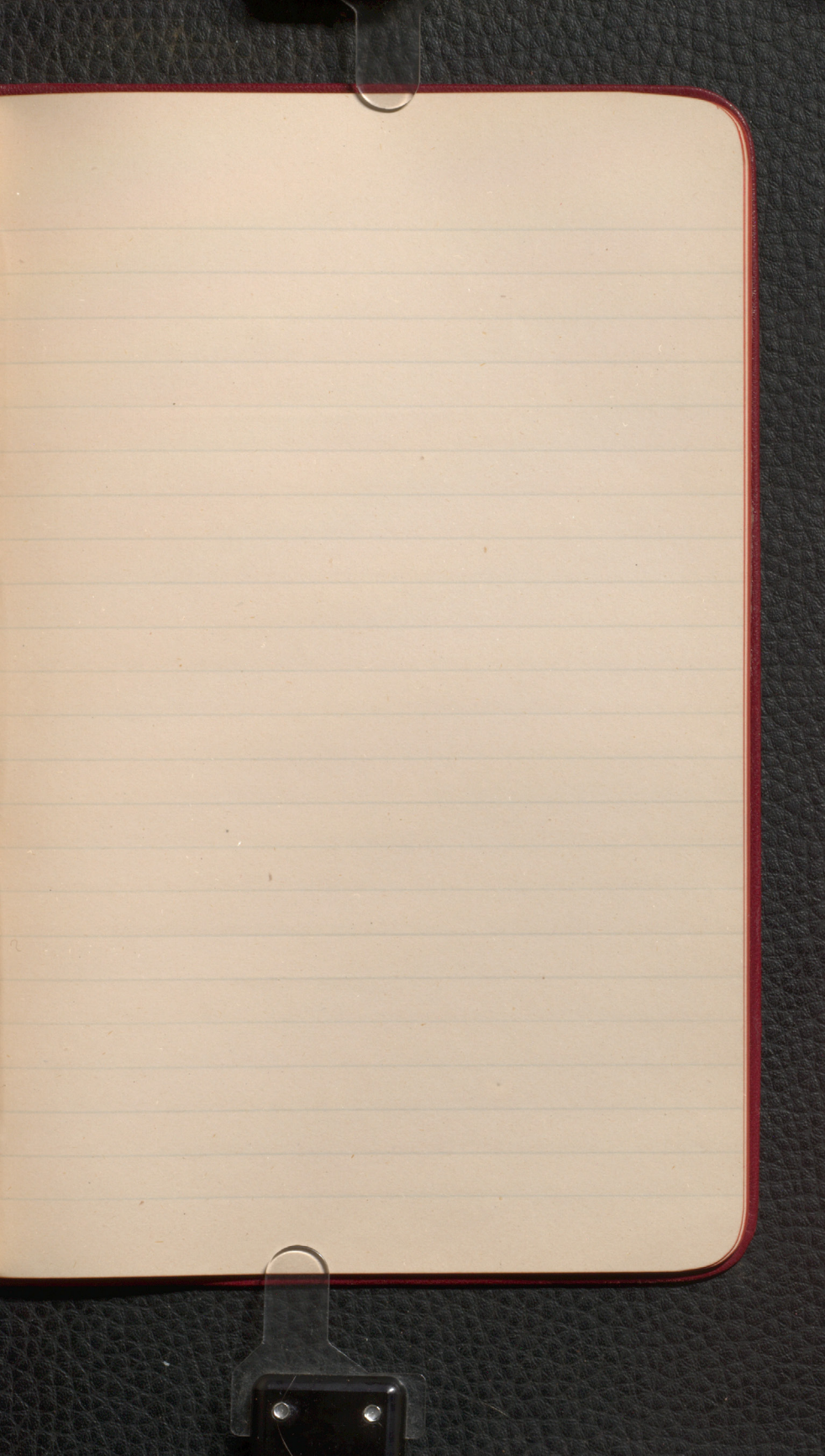


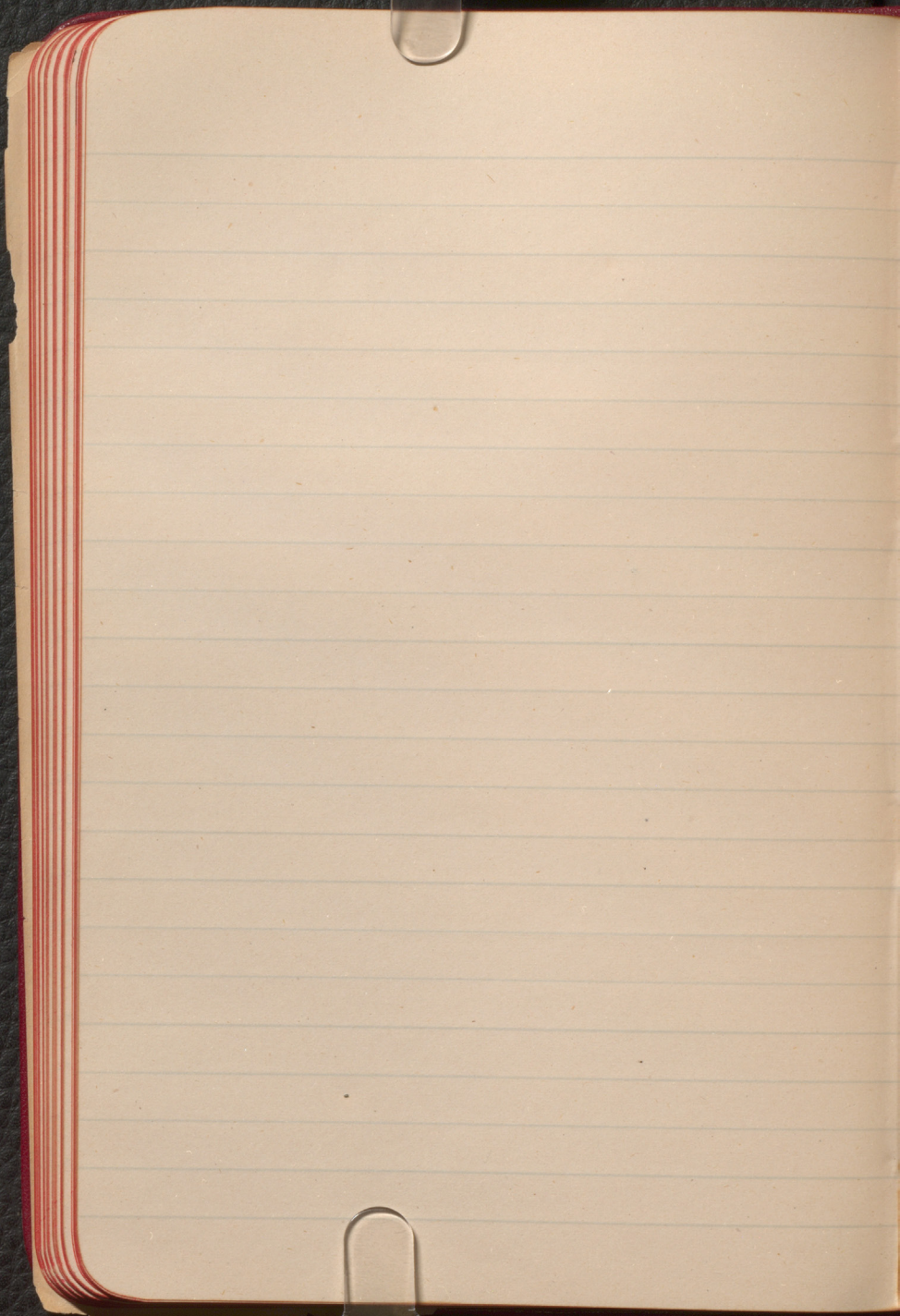


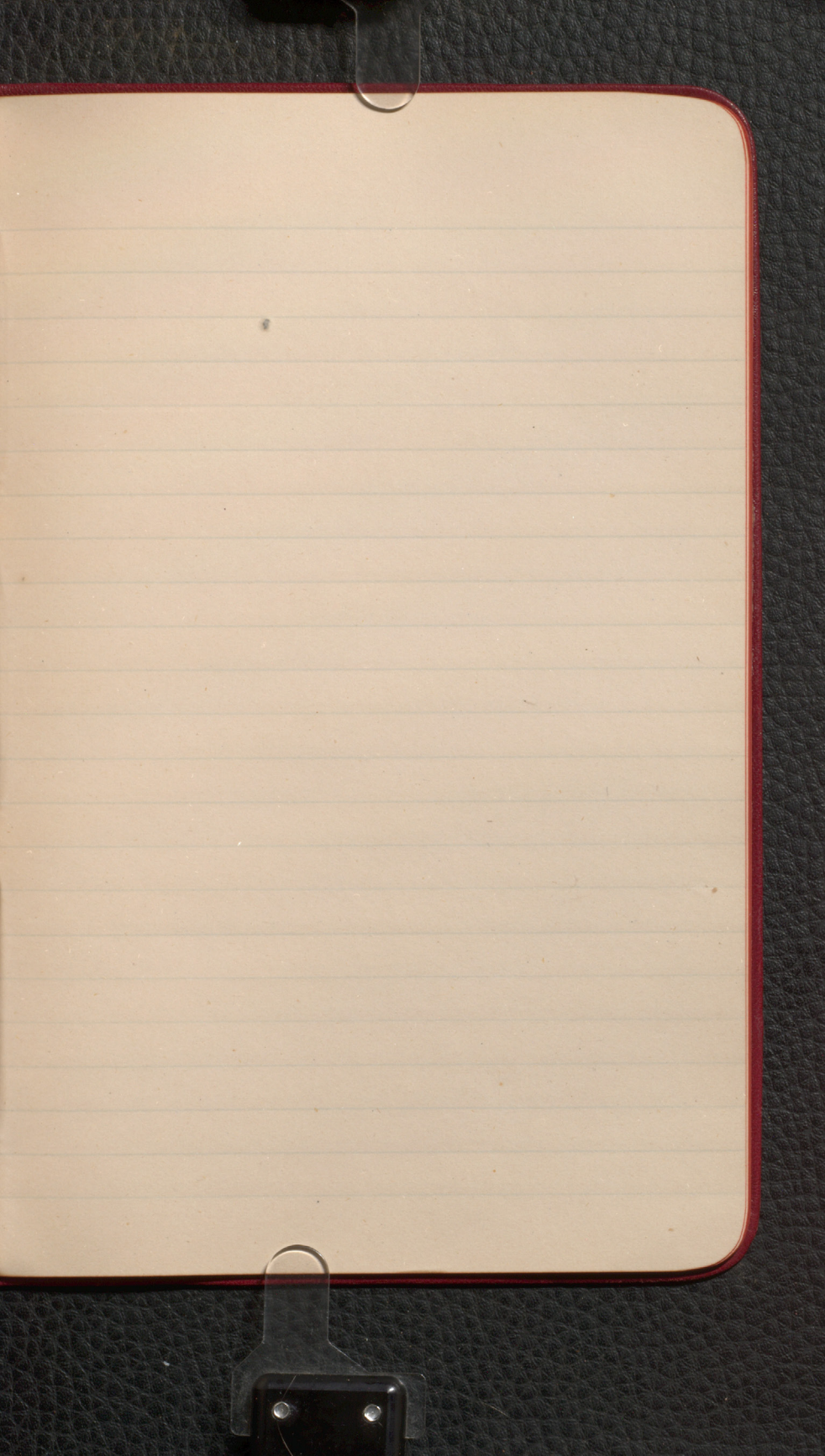


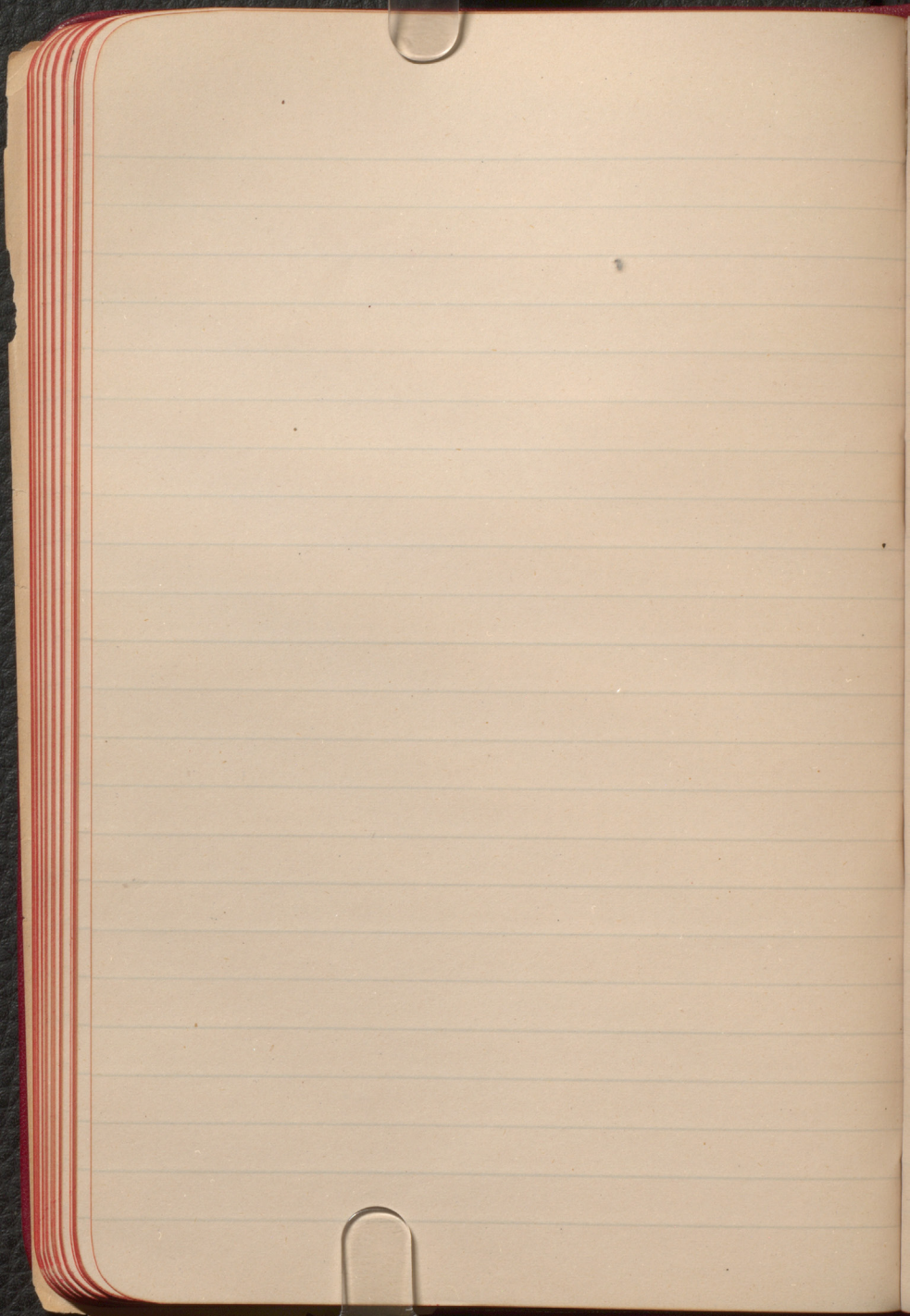


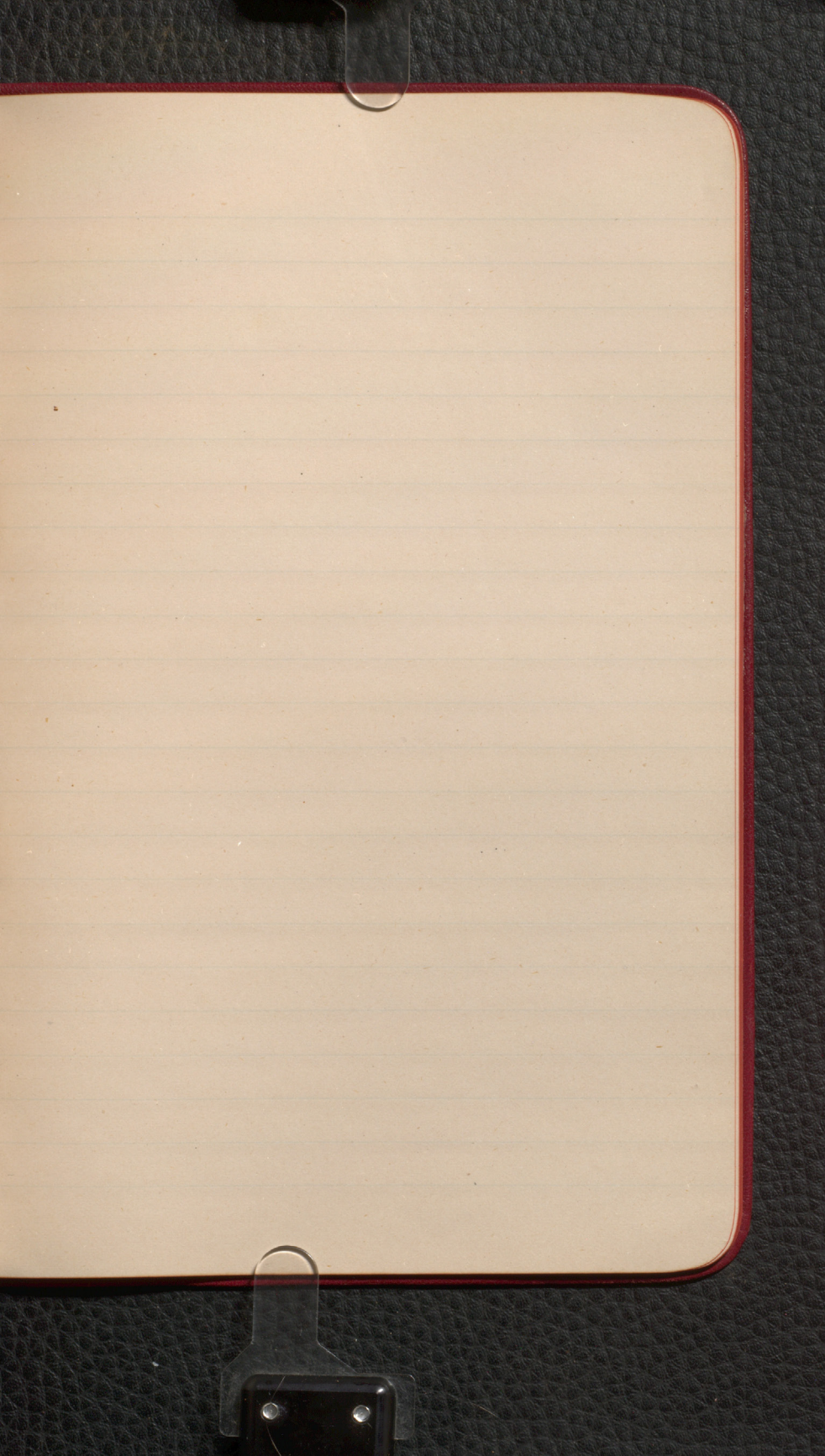


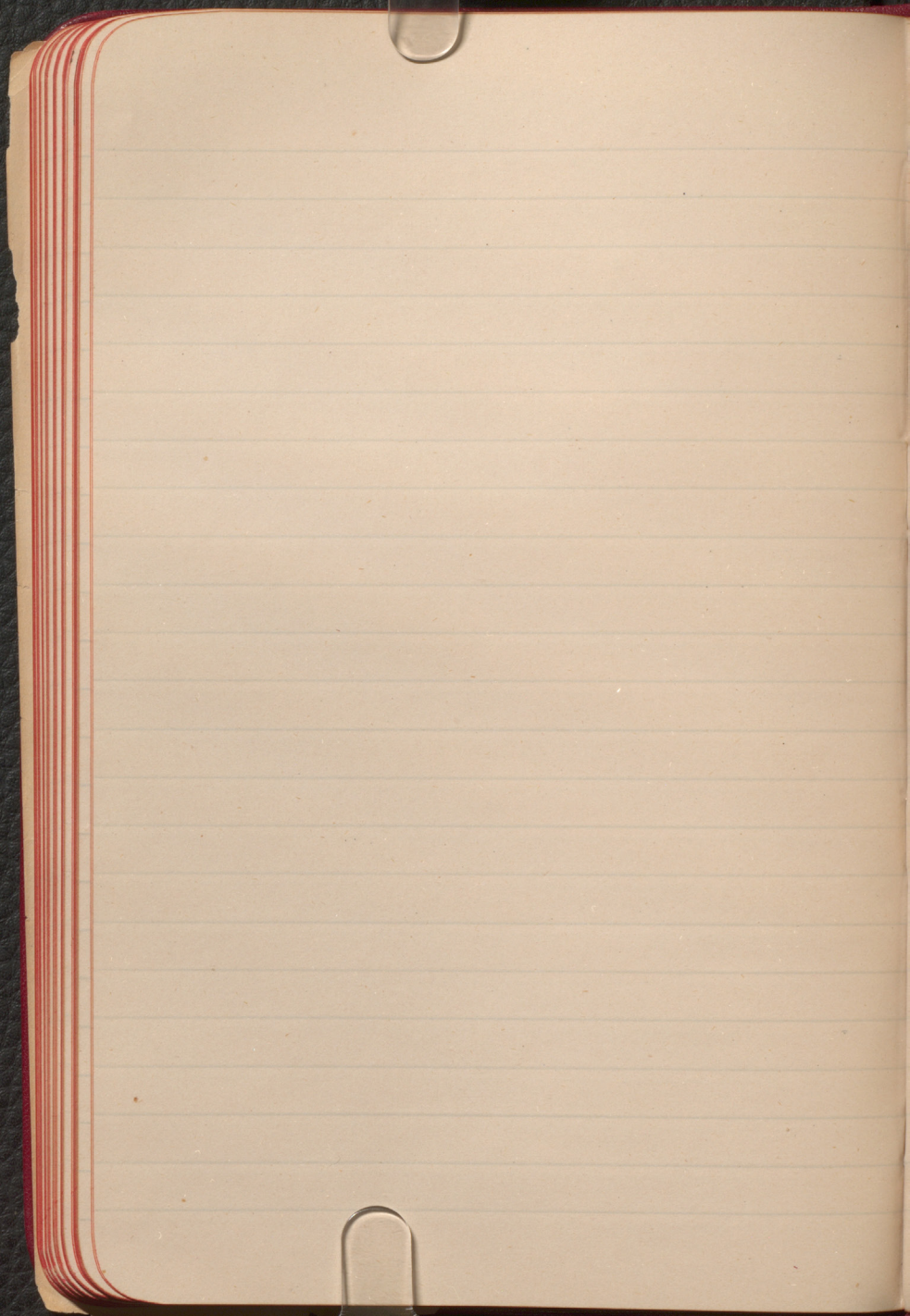


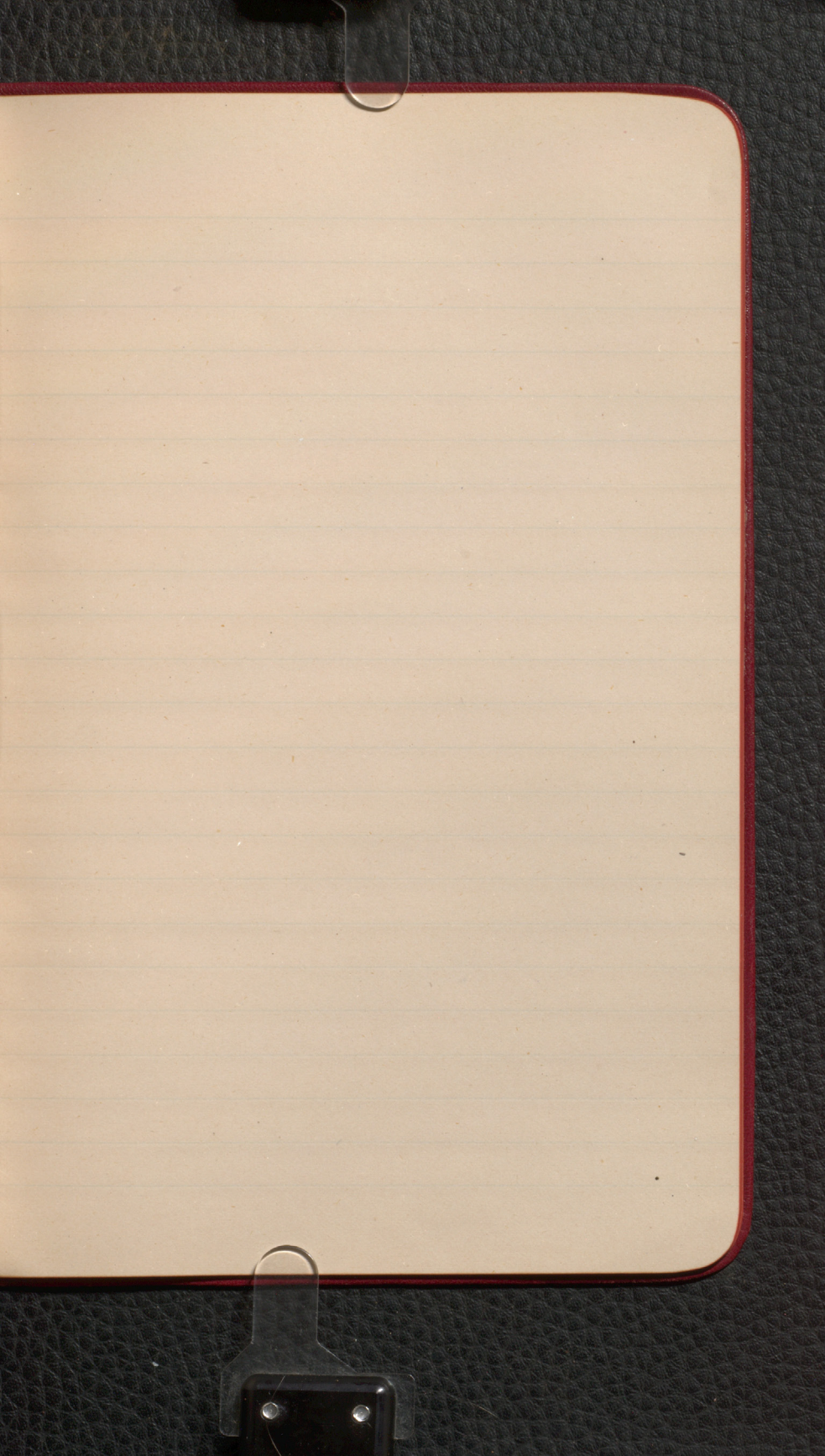


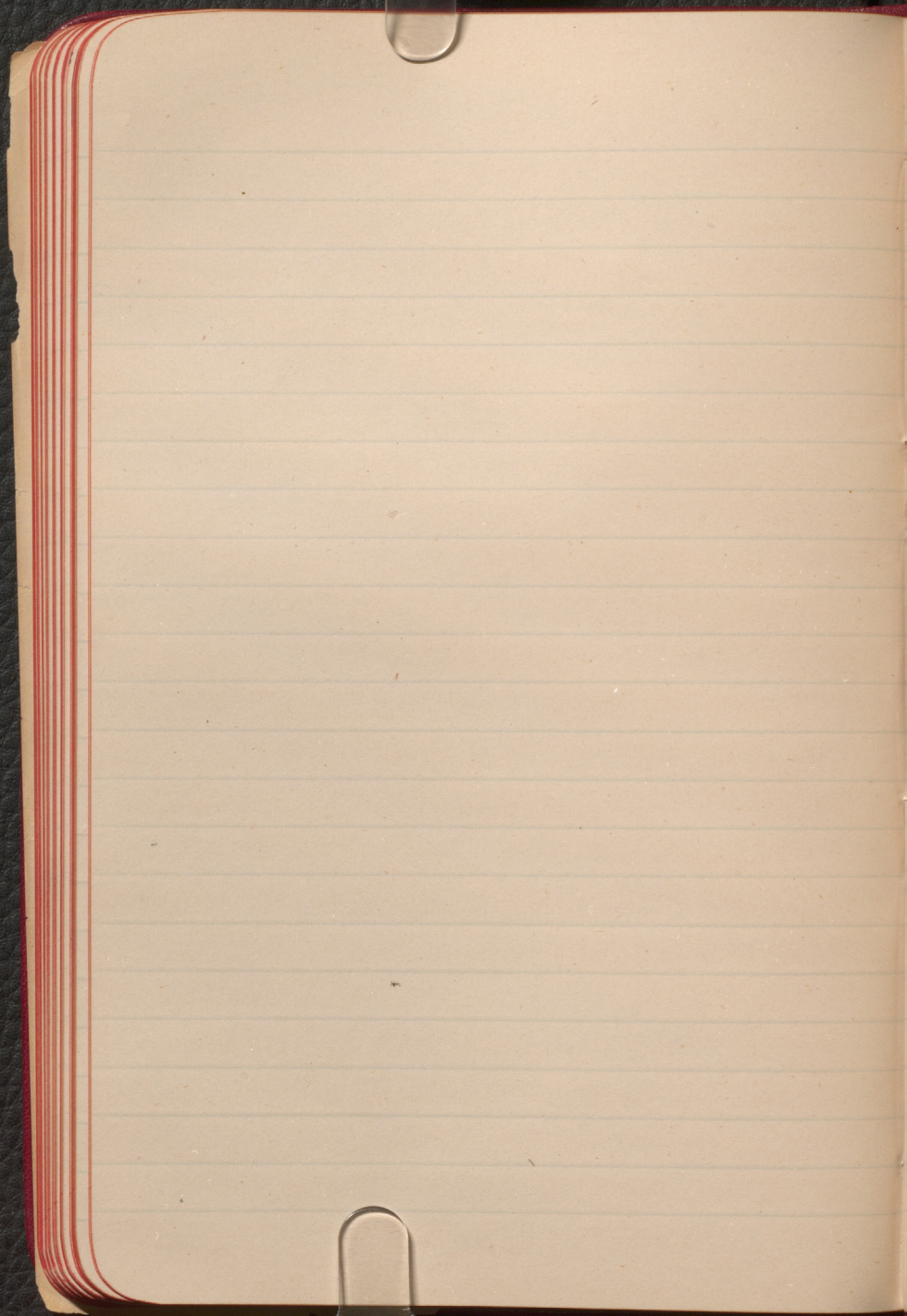


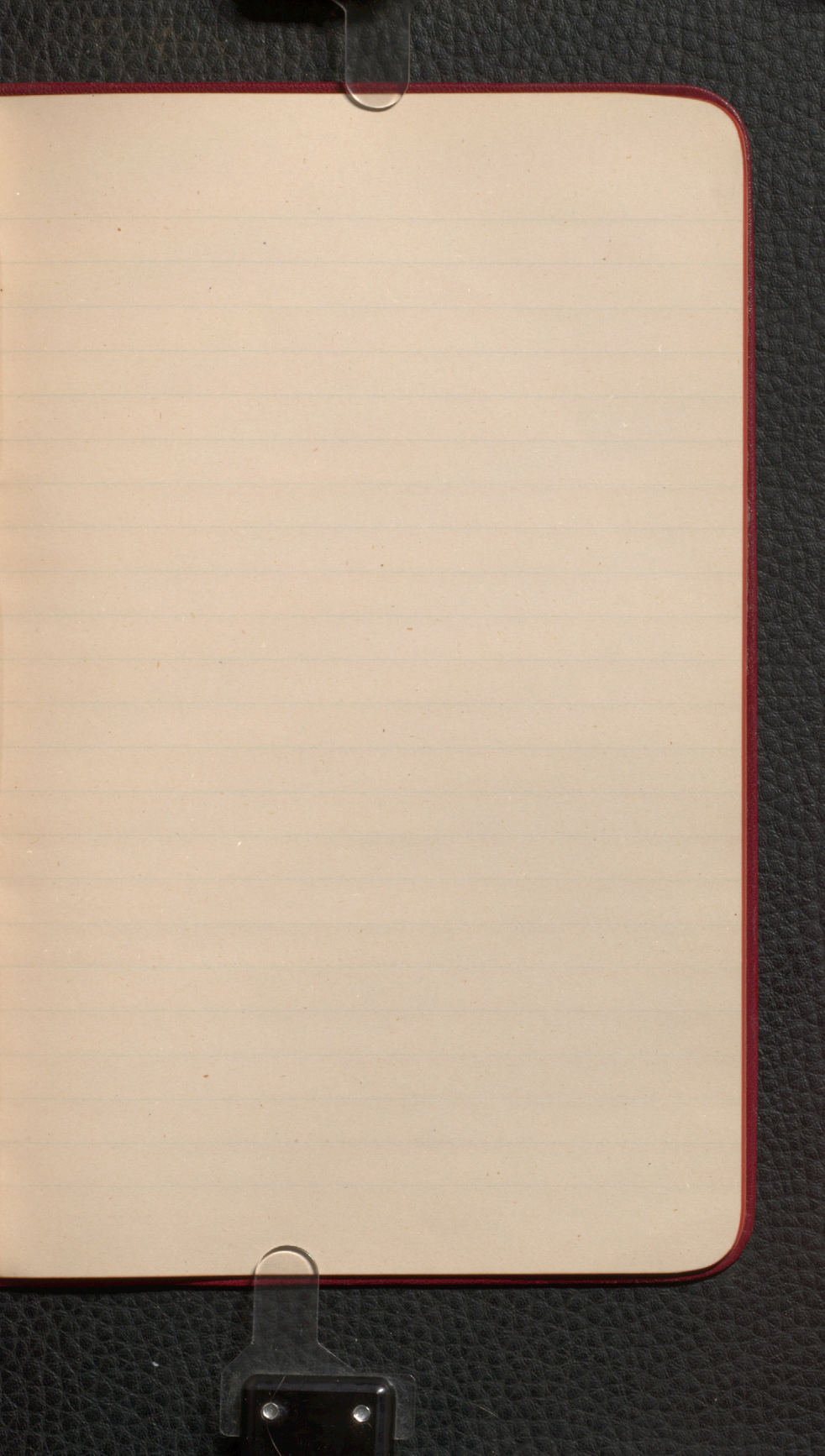


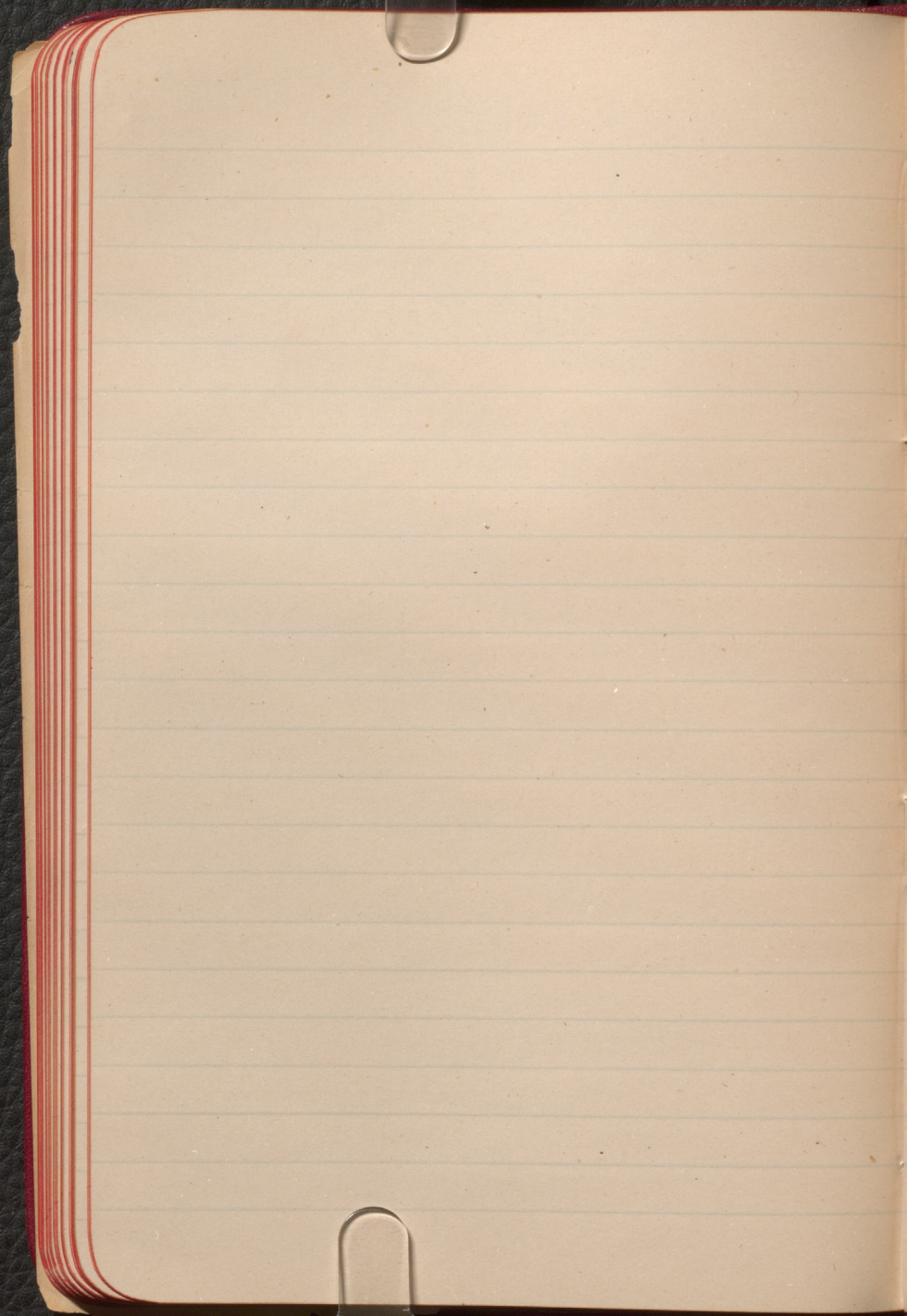


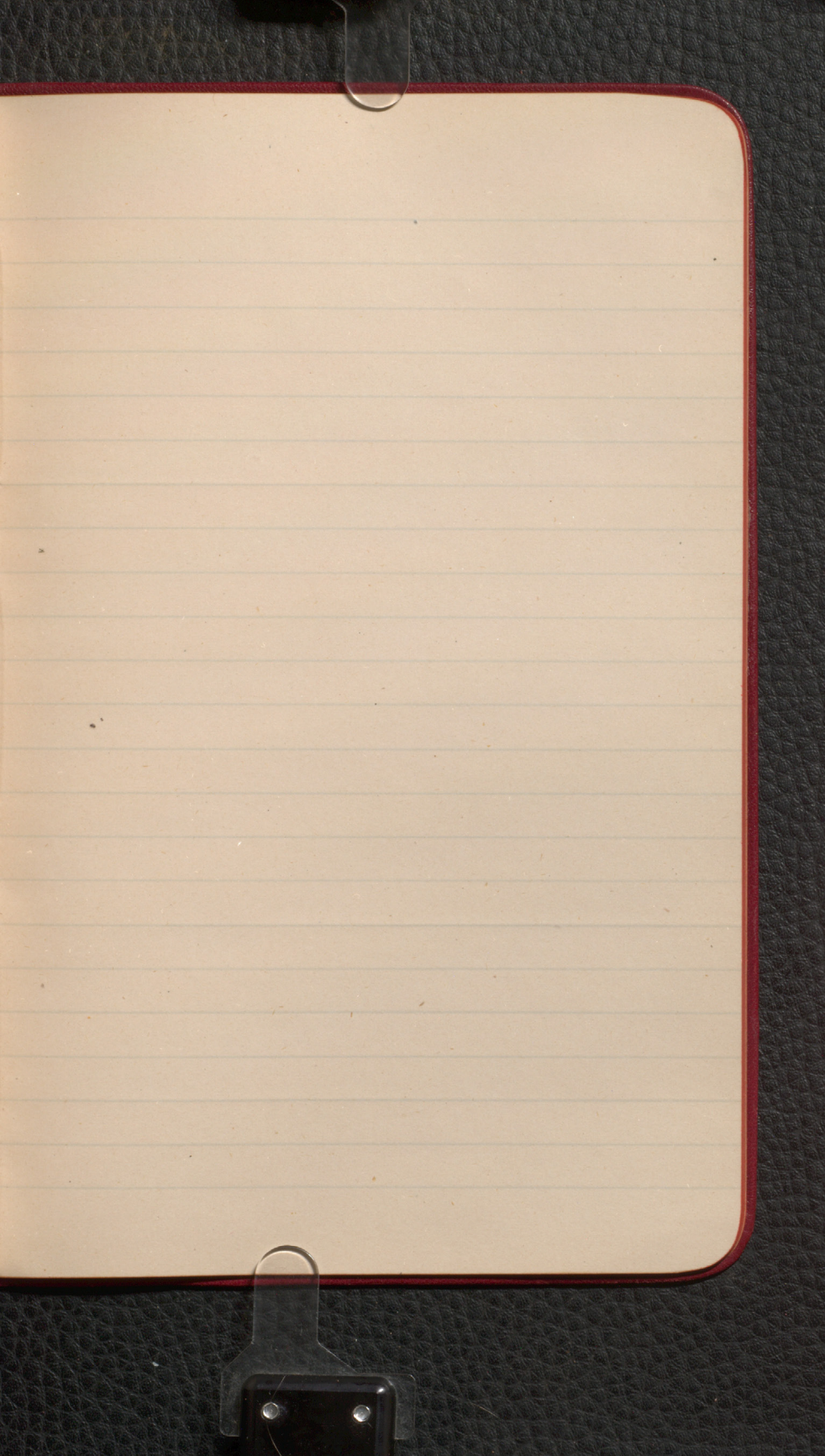


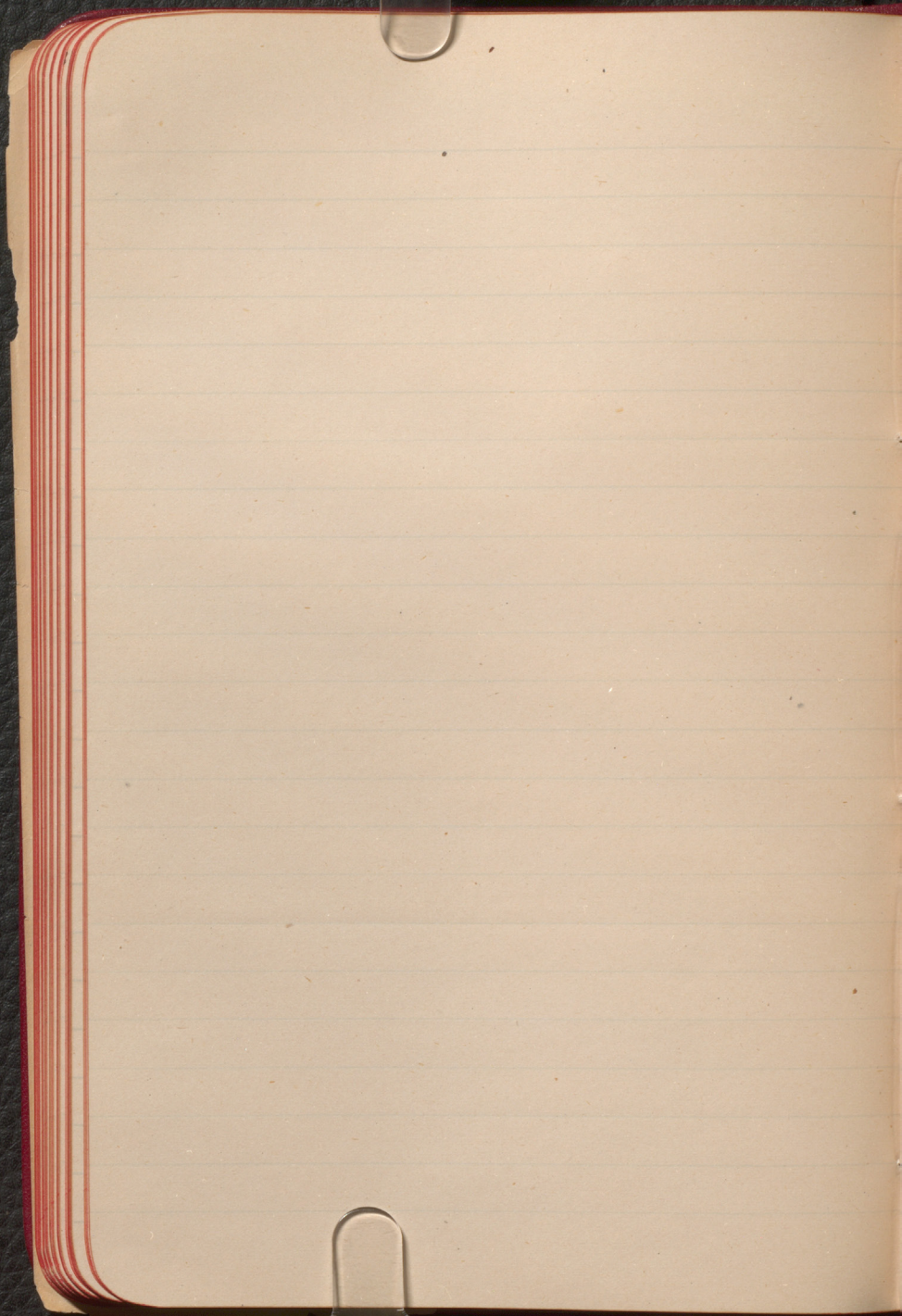


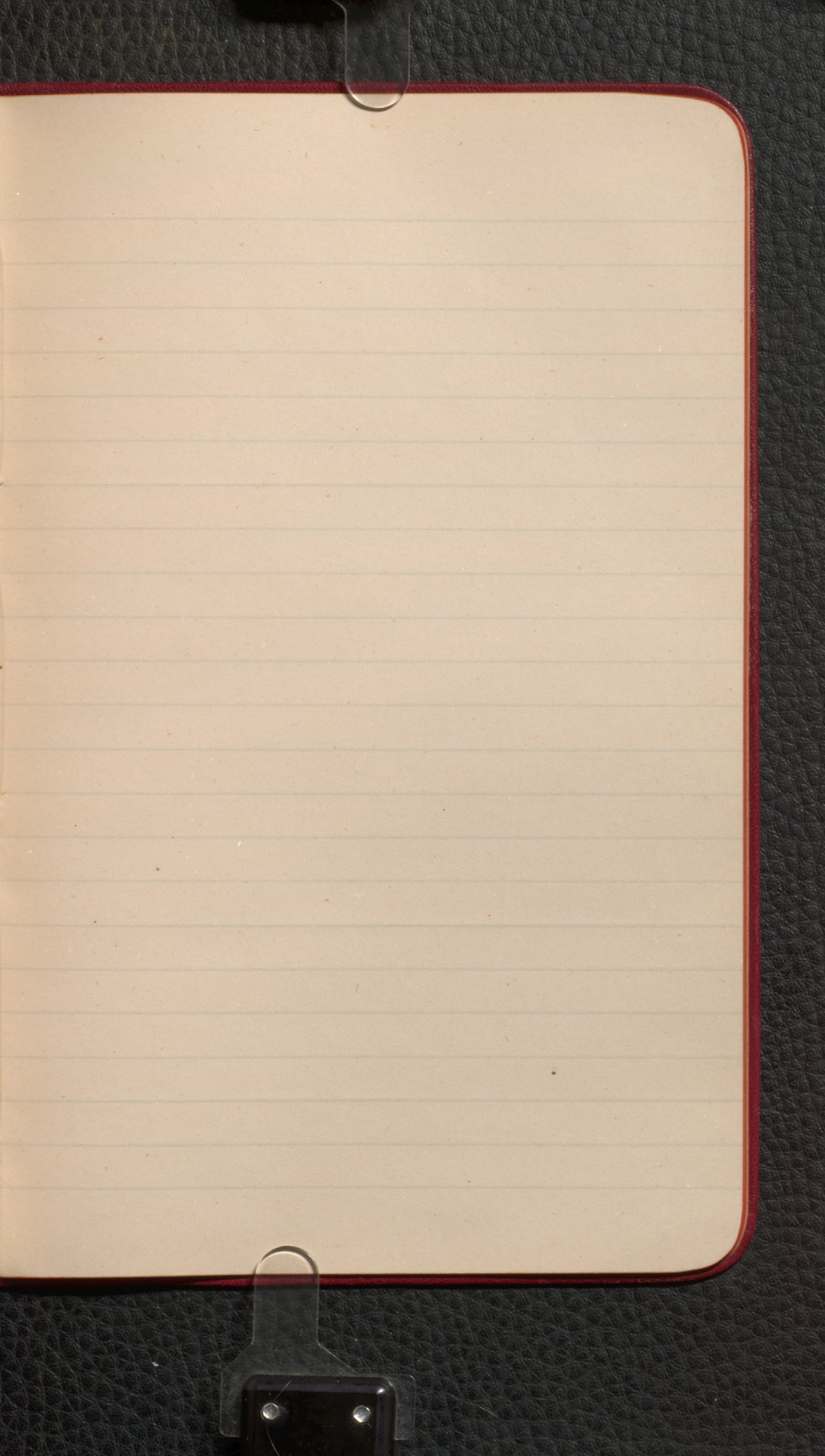


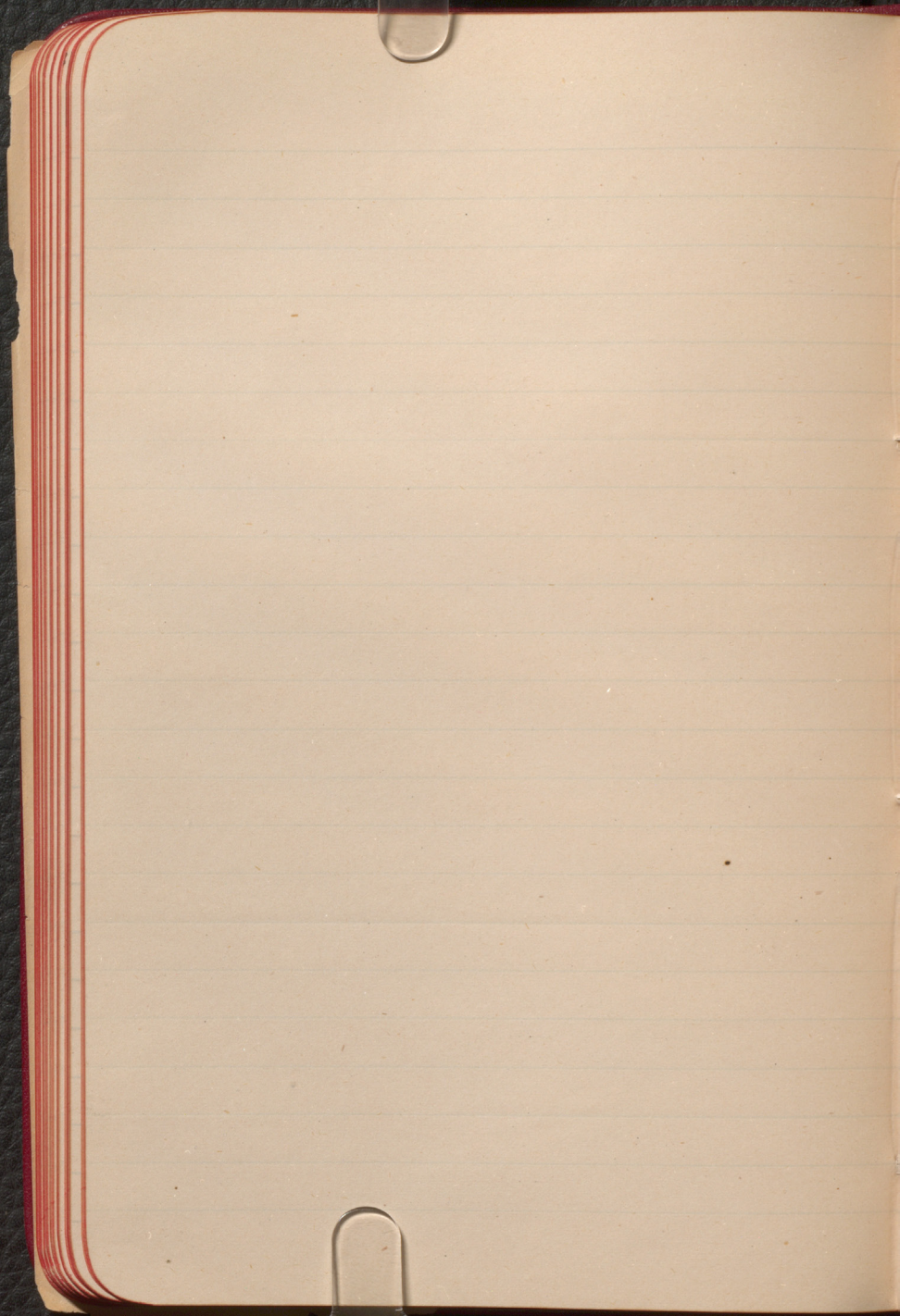


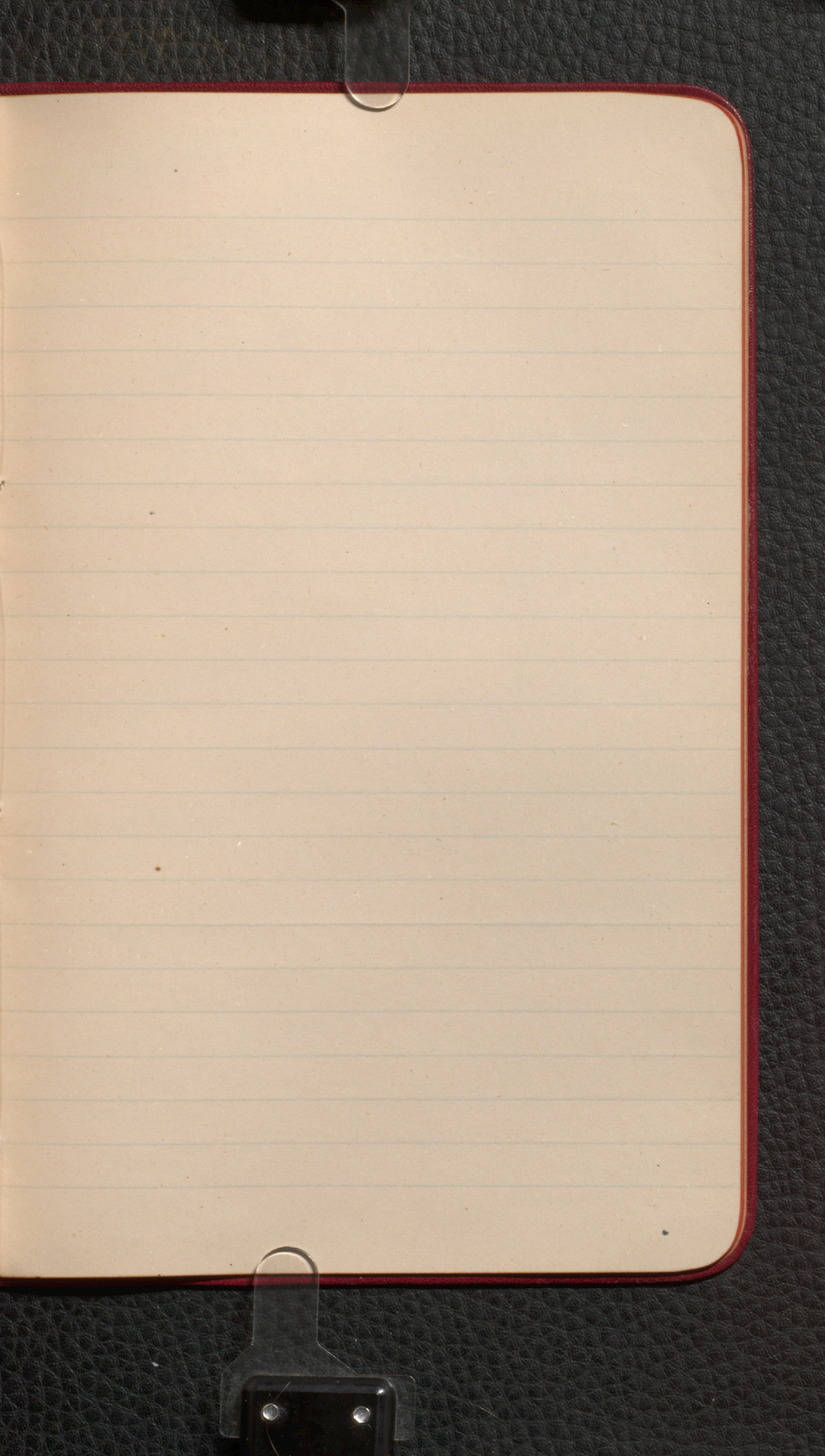


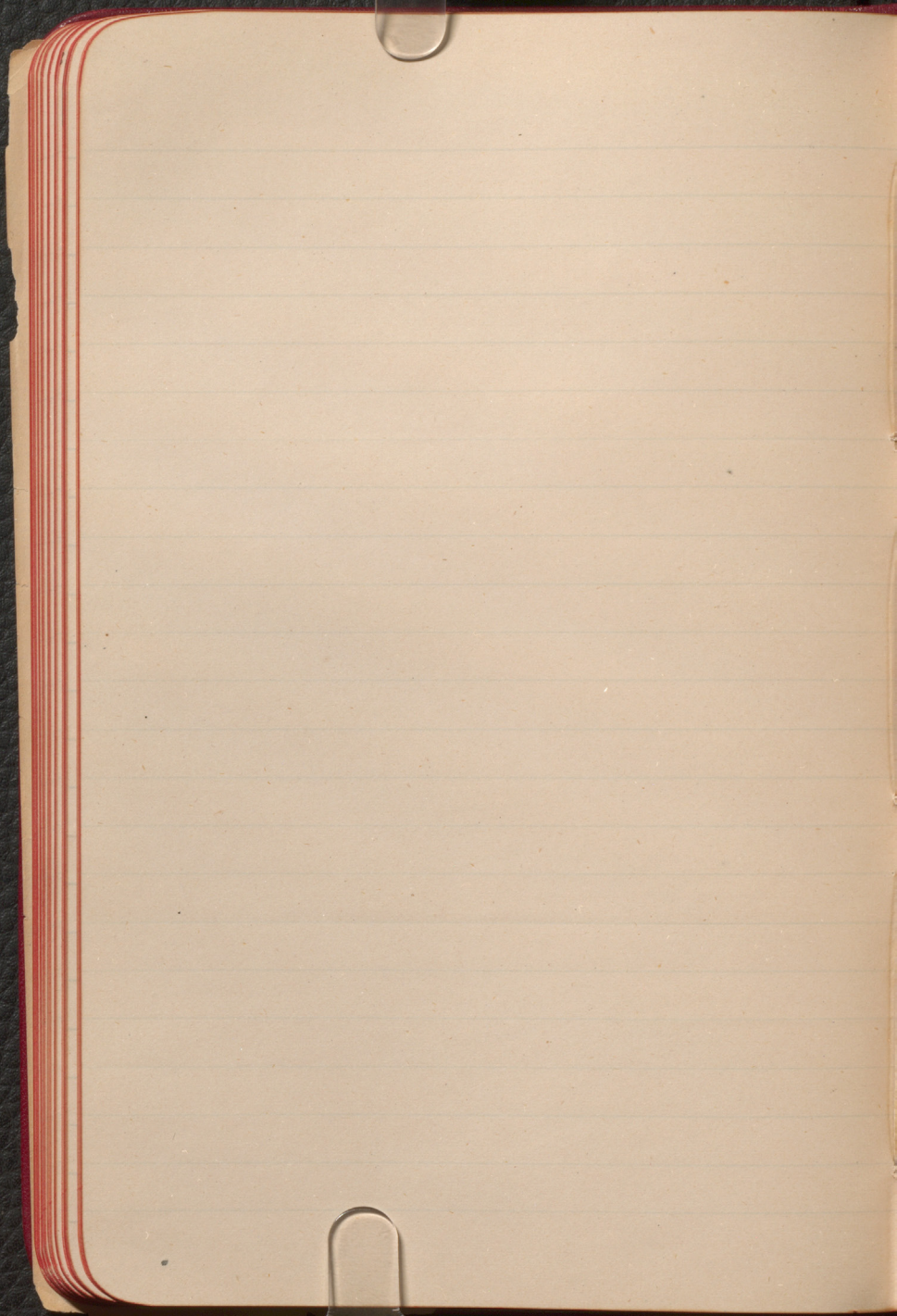


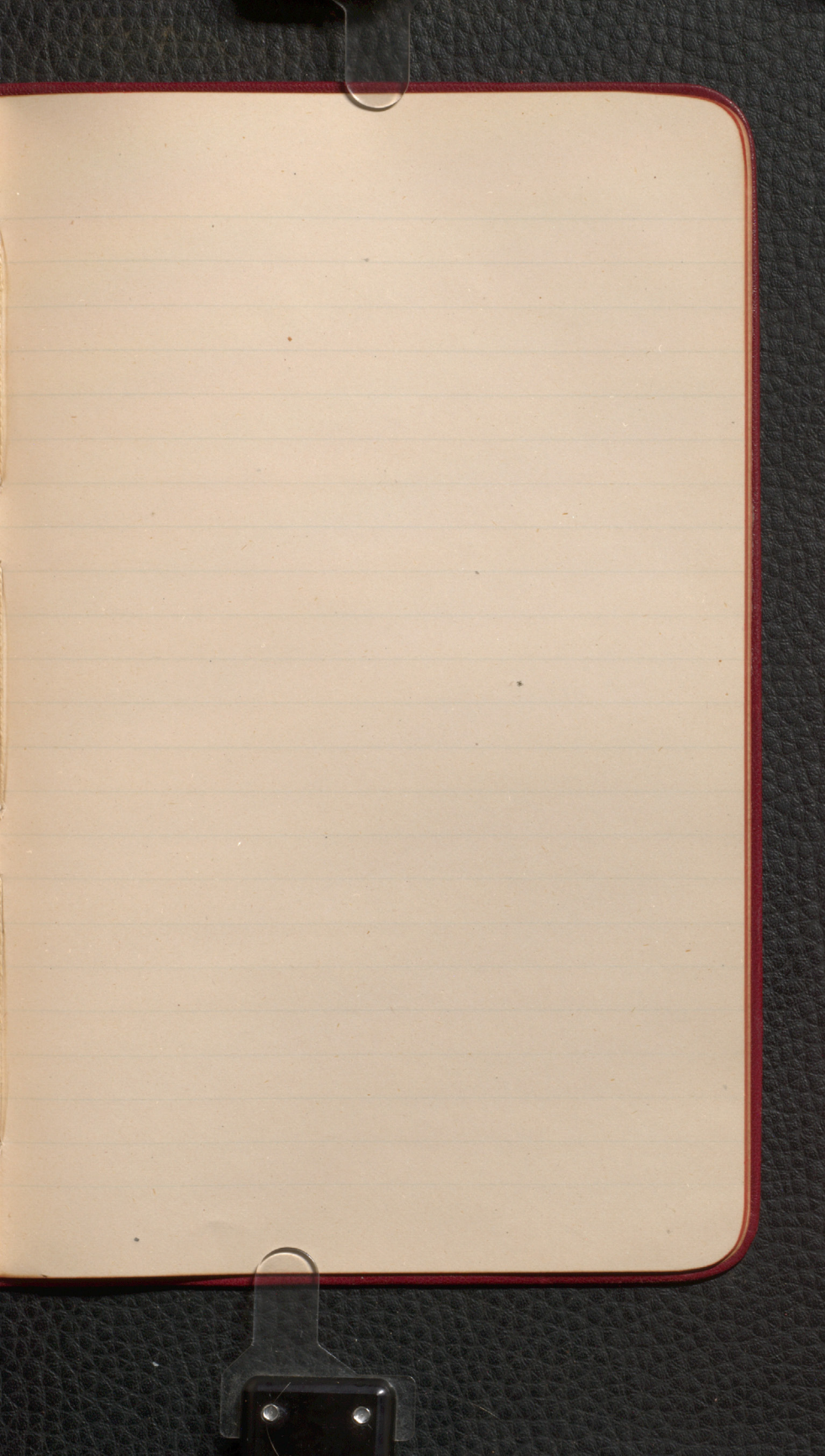


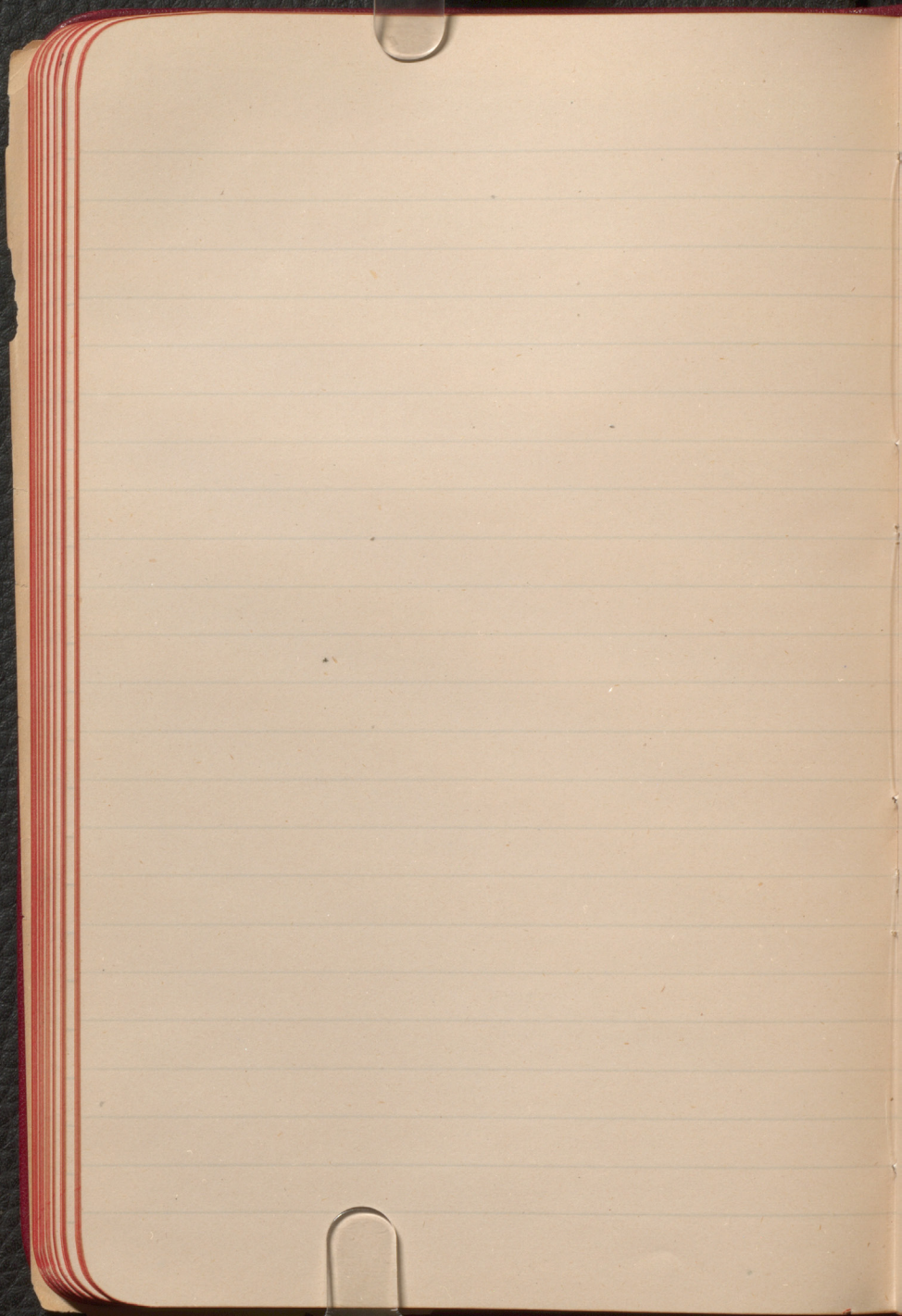


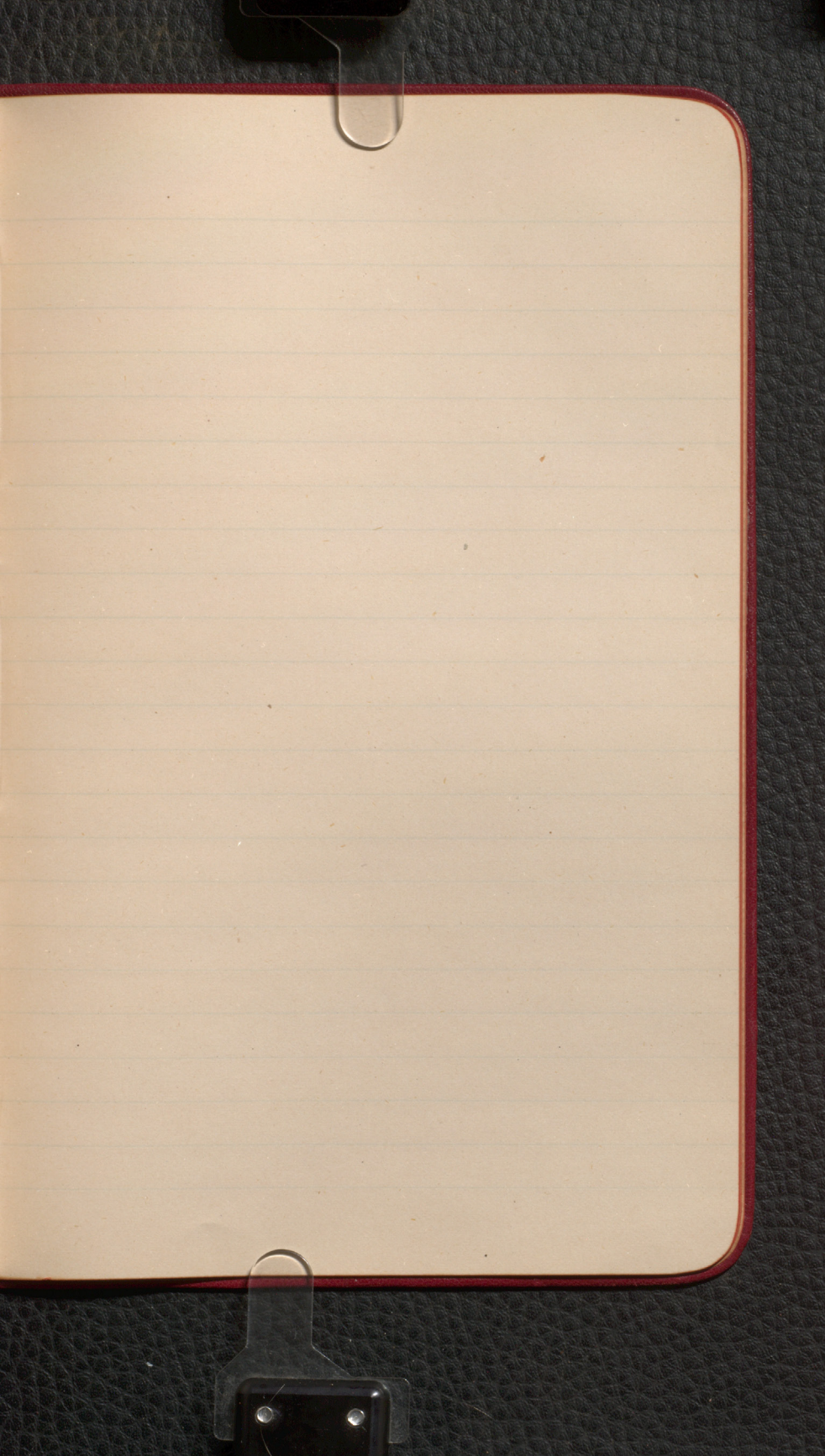


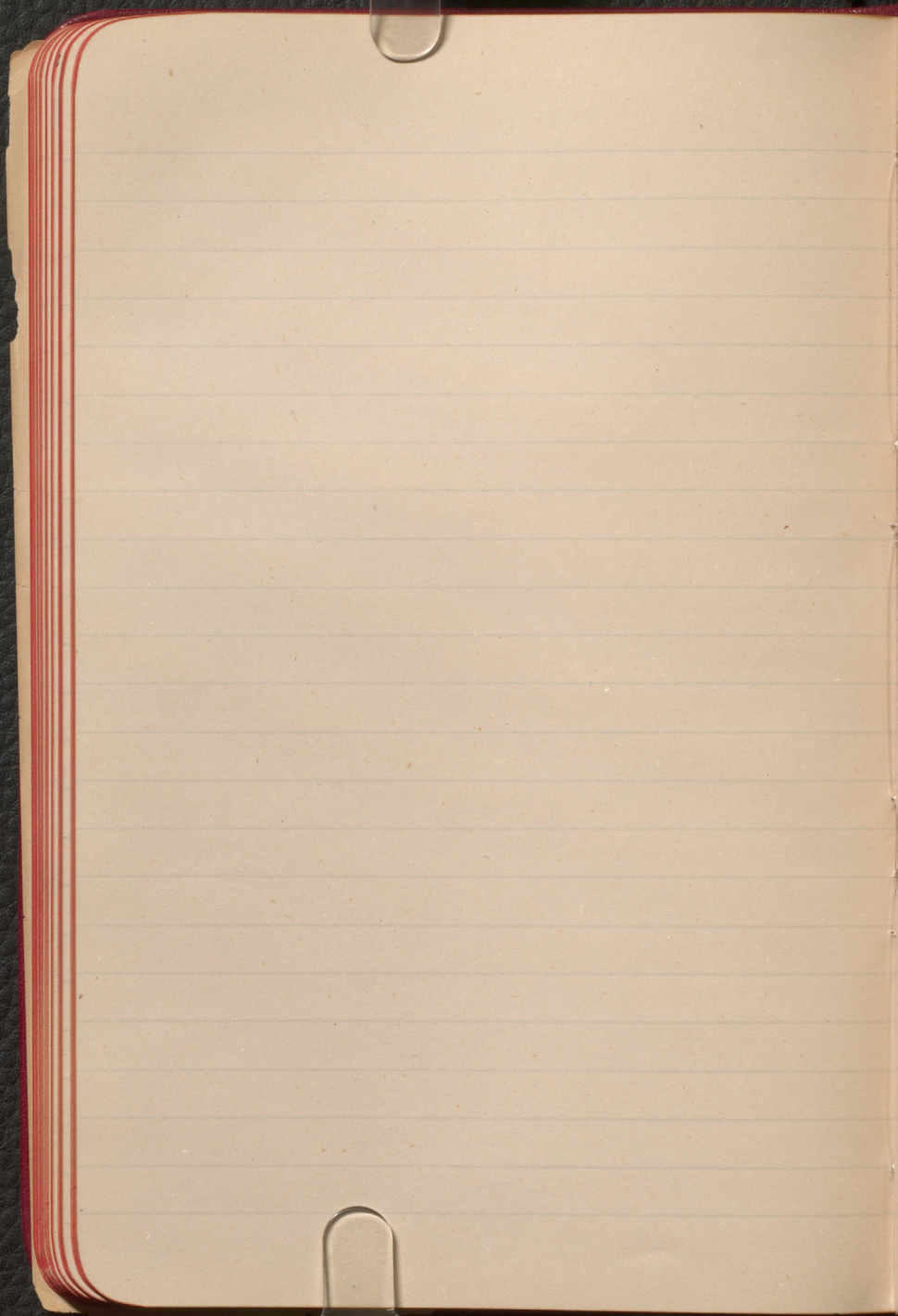


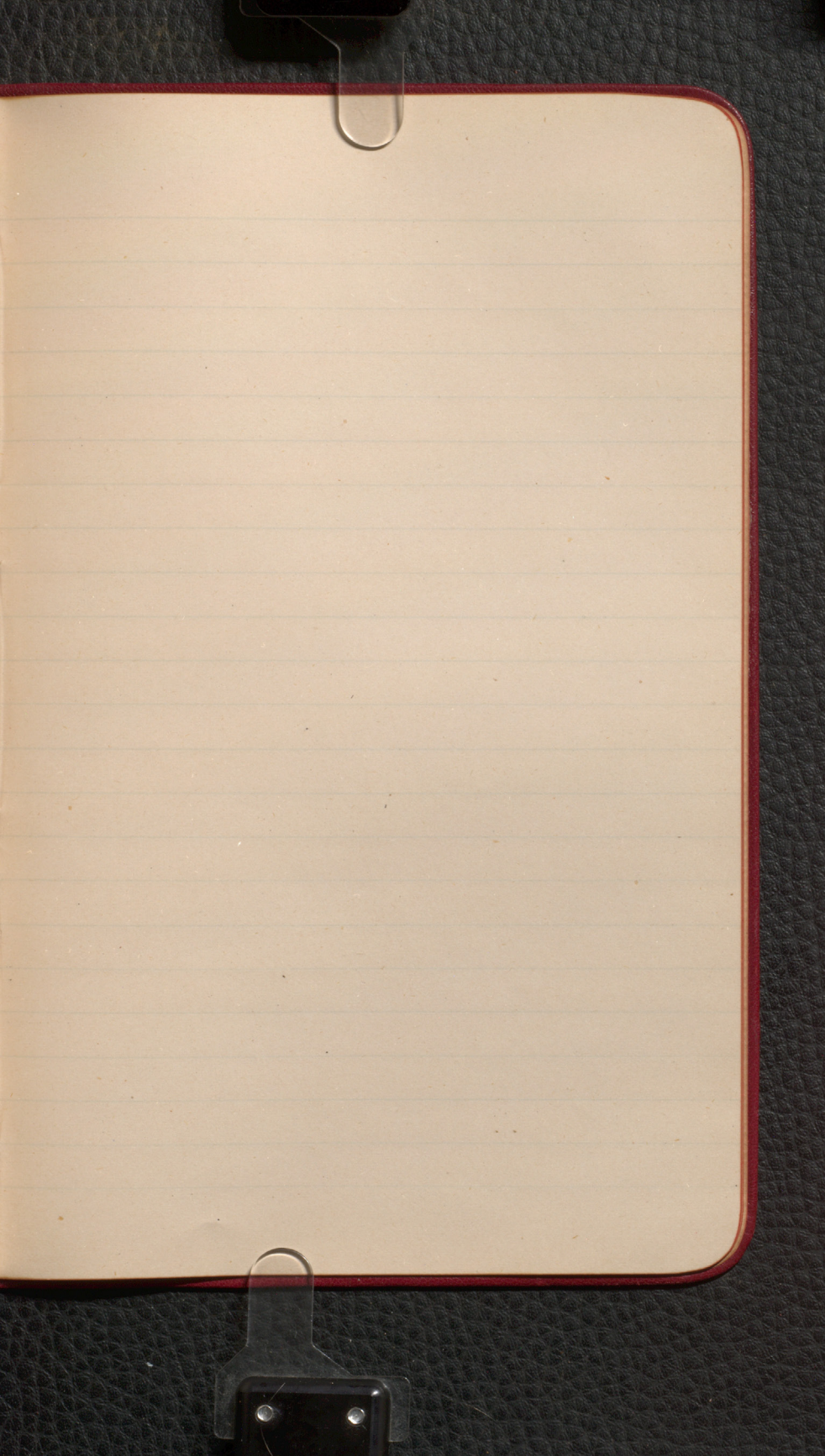


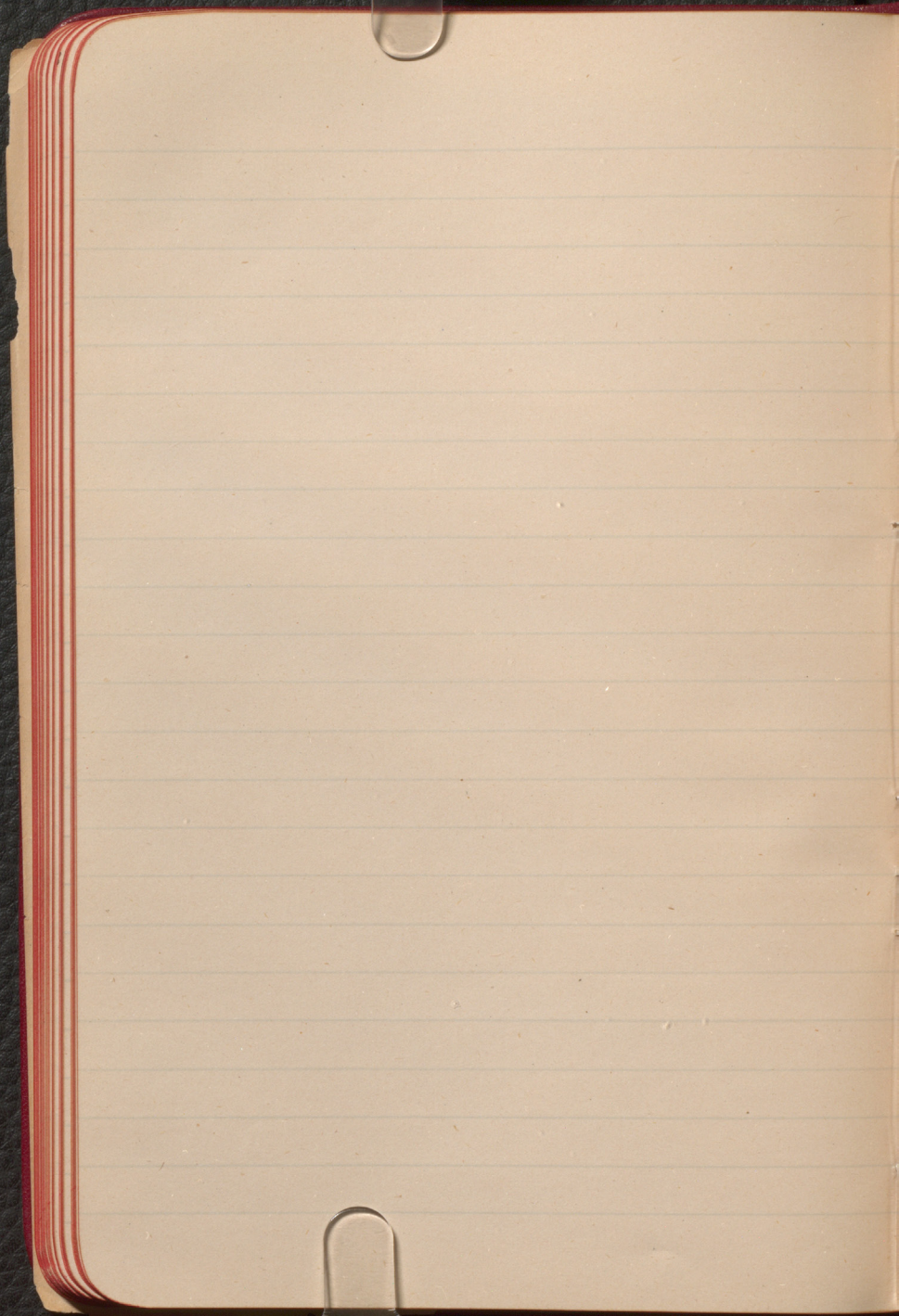


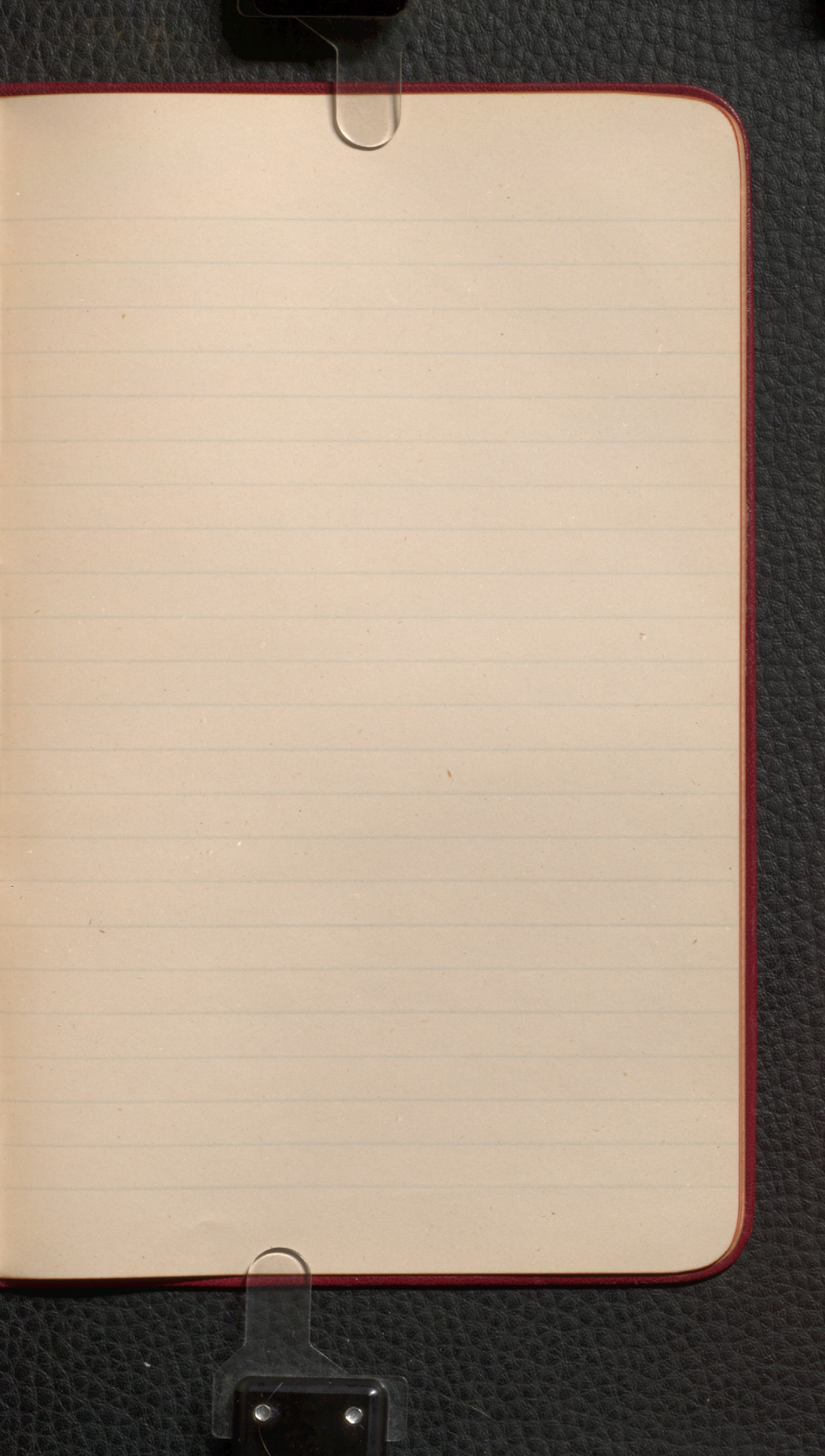


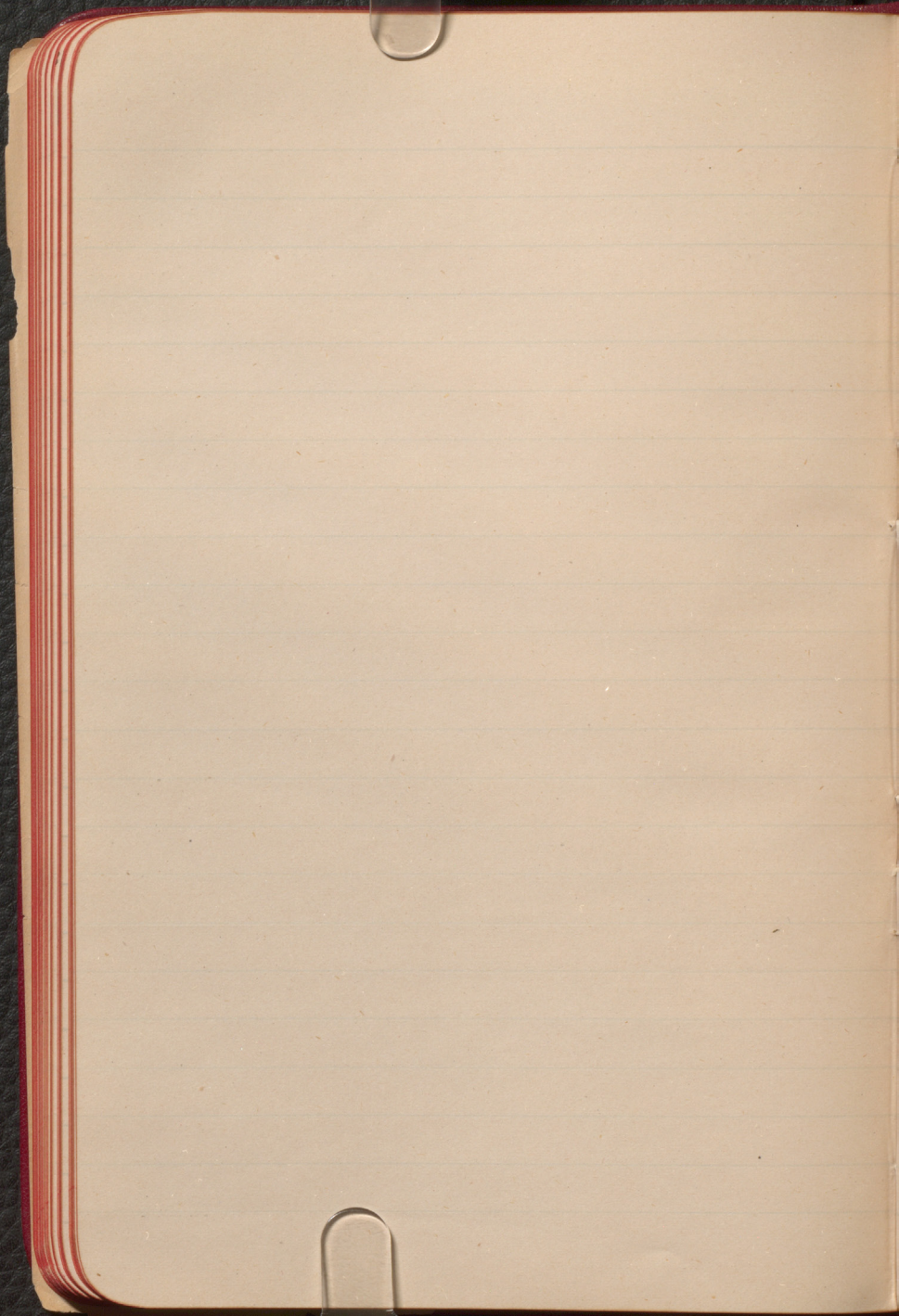


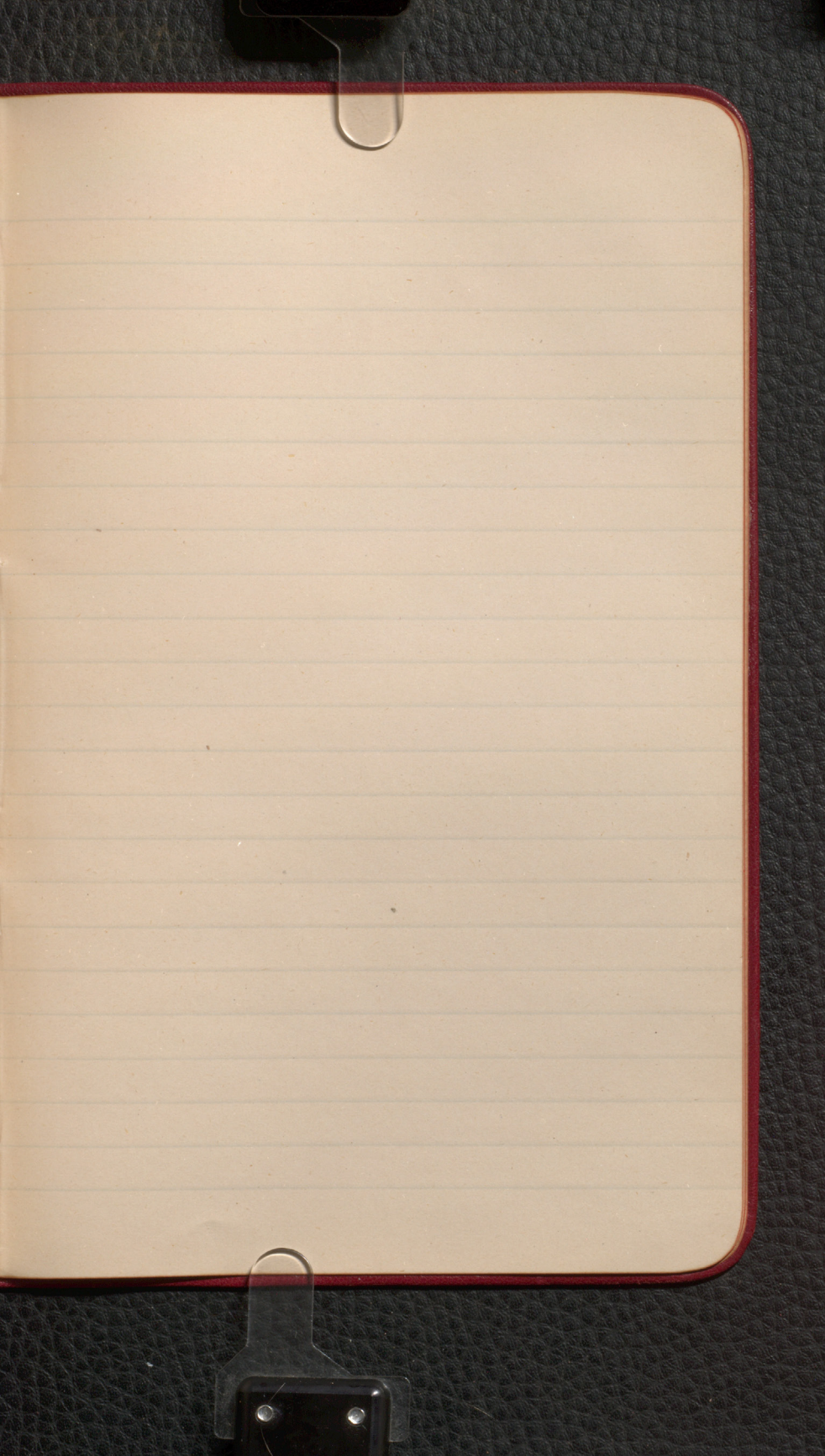


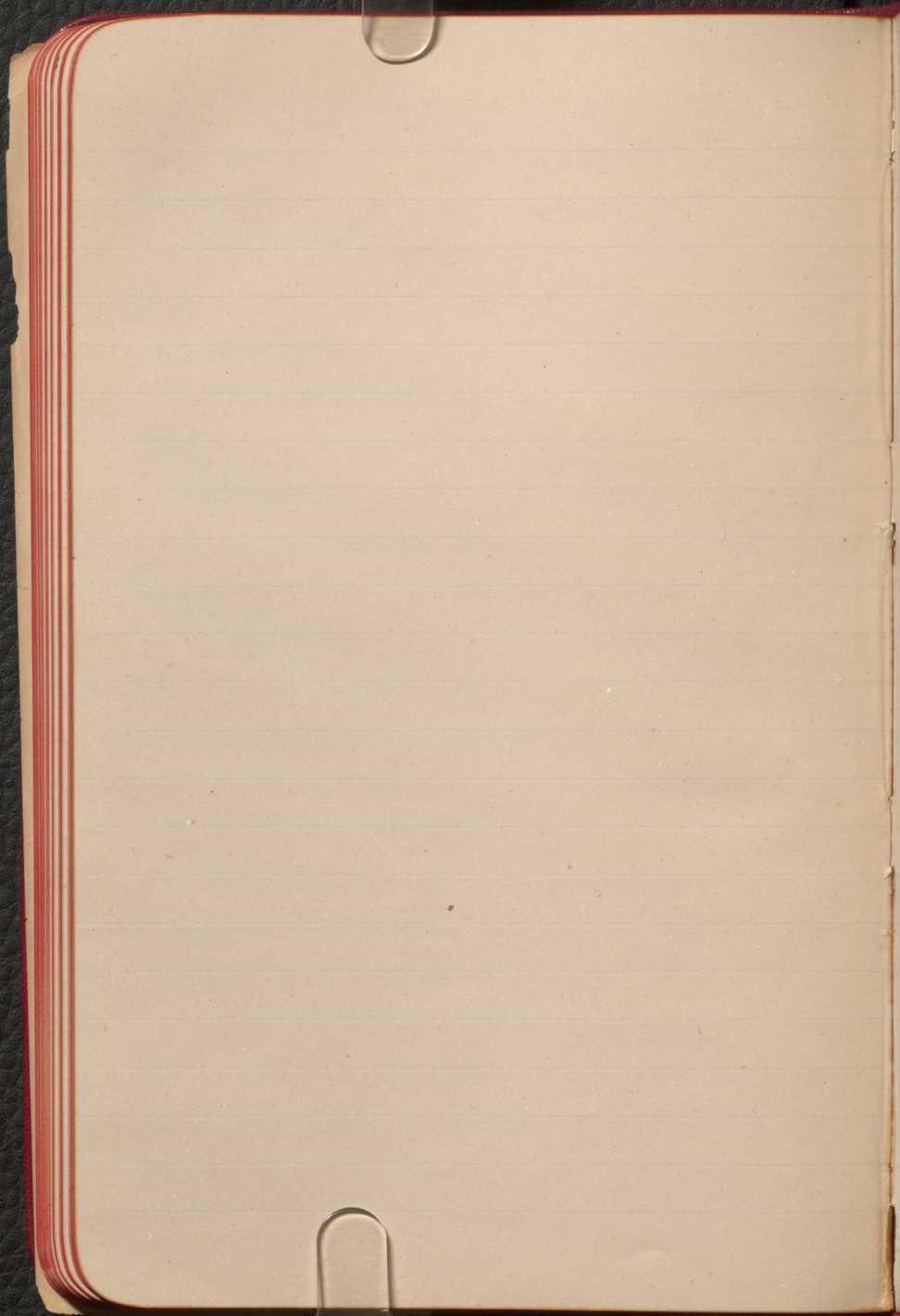


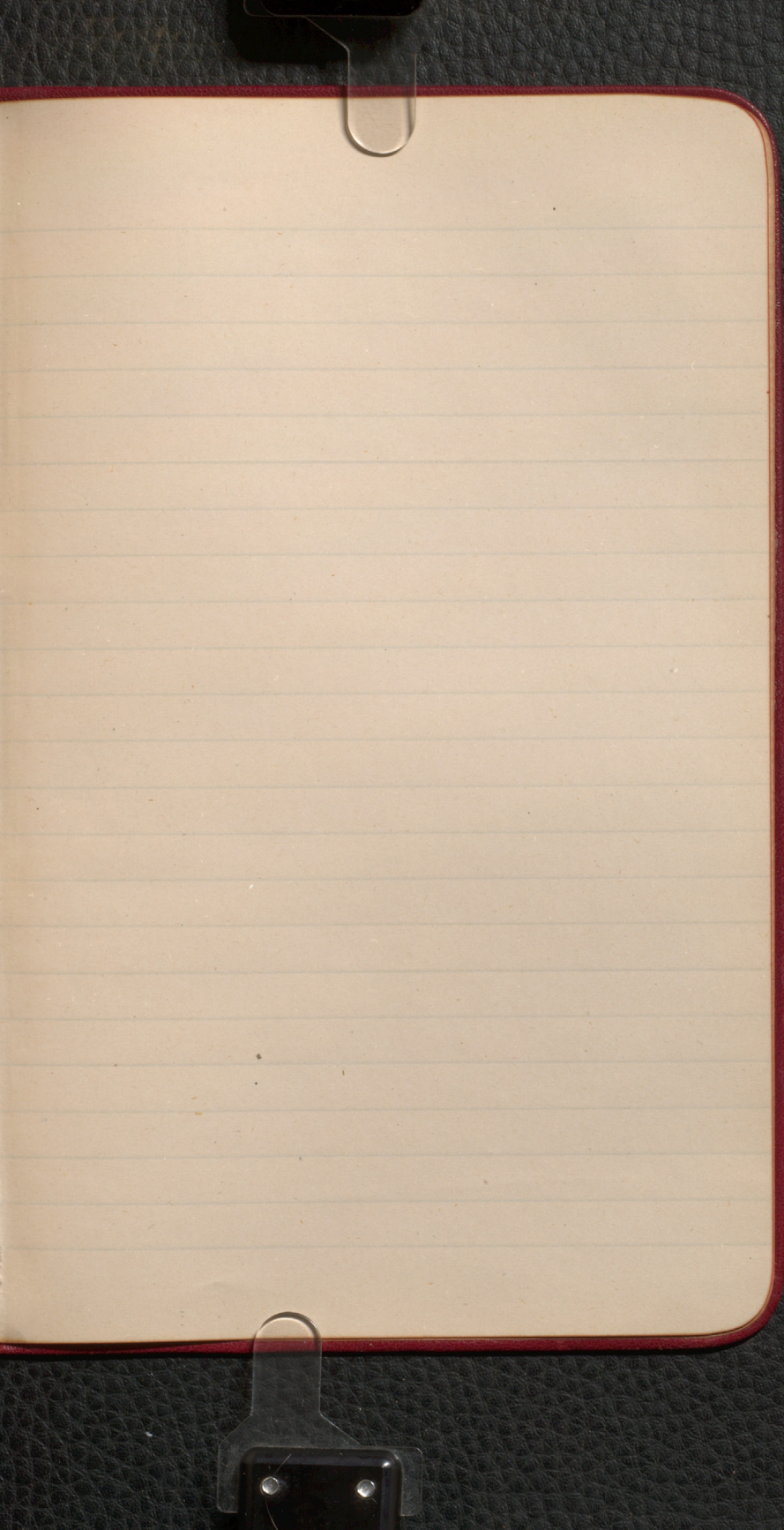


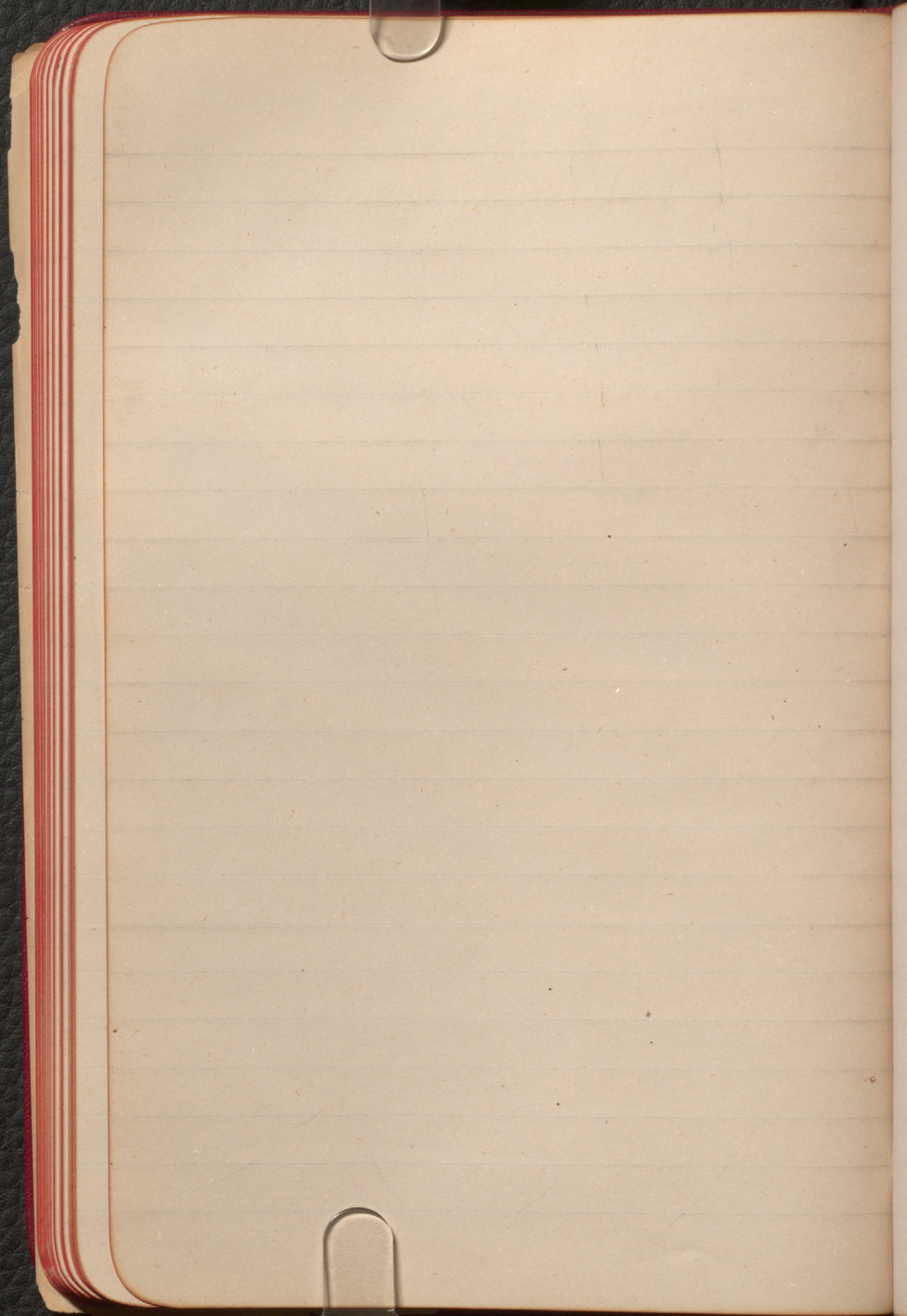


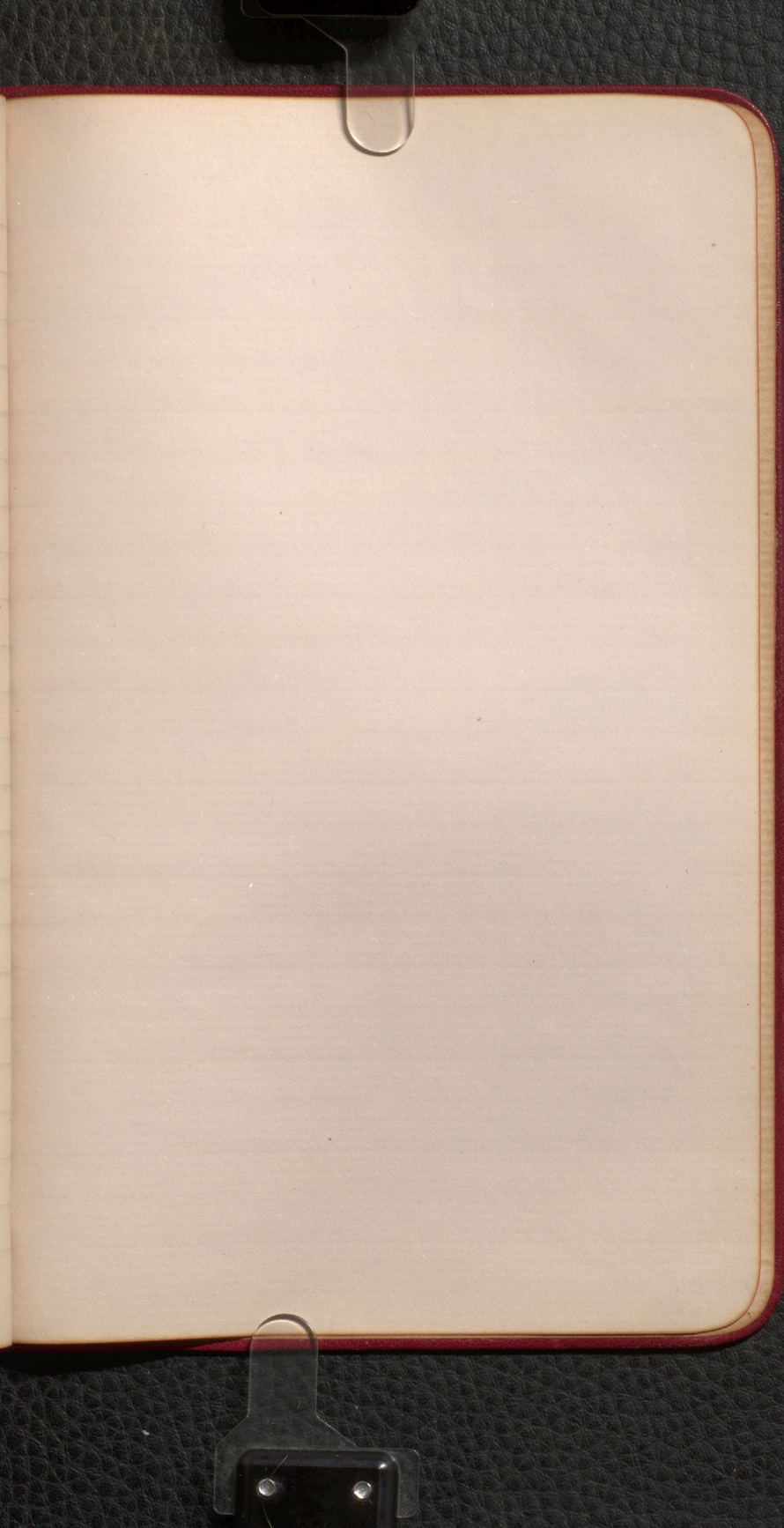












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