

CZUR Aura Pro Book & Document Scanner

Stewart Wyatt

Monday 11:30-2:00 Shift

Mitchell Ward, Boise North Stake

2/7/2024 Inservice Presentation



Roll over image to zoom in



CZUR Aura Pro Book & Document Scanner,Capture A3 & A4, Auto-Flatten & Deskew Powered by AI Technology, Foldable & Portable, Compatible with Windows & Mac OS

Visit the CZUR Store
4.2 ★★★★★ 532 ratings | Search this page
50+ bought in past month

\$289⁰⁰
Or \$21.01 /mo (18 mo). Select from 1 plan
prime
FREE Returns

Coupon: ☐ Apply 5% coupon Shop items > | Terms

Thank you for being a Prime member. Get \$100 off: Pay \$189.00
~~\$289.00~~ upon approval for Prime Visa.

Color:	Aura-B
Media Type	USB
Scanner Type	Document
Brand	CZUR
Model Name	Aura Pro
Connectivity Technology	USB
Product Dimensions	5.12"D x 7.09"W x 17.44"H
Resolution	4320*3240
Item Weight	1.5 Kilograms
Sheet Size	A3
Standard Sheet Capacity	3

\$289⁰⁰
prime
FREE Returns
FREE delivery Tuesday, February 6. Order within 13 hrs 35 mins

Deliver to Stewart - Boise 83704

Only 18 left in stock - order soon.

Quantity: 1
Add to Cart
Buy Now

Ships from Amazon
Sold by CZUR-US
Returns Eligible for Return, Refund or Replacement...
Packaging Ships in product packaging

See more

- Add a Protection Plan:
- ☐ 3-Year Protection for \$36.99
 - ☐ 4-Year Protection for \$47.99
 - ☐ Asurion Complete Protect: One plan covers all eligible past and future purchases (Renews Monthly Until Cancelled) for \$16.99/month
 - ☐ Add a gift receipt for easy returns

CZUR description of the software's capability:

The core algorithms of the scanner can flatten curved surfaces, erase finger prints, sort pages, perform smart trim correction, apply multiple color modes, and other optimizations; providing users with a rich and varied scanning experience.

My comments:

This is an excellent document and book scanner – but it is not well suited for scanning pictures and photographs (unless they are included in a document). It can be used for scanning photo albums and scrapbooks within size limitations. [Ignore the phone app]

CZUR Aura Pro Book & Document Scanner supported paper size A3 and A4

A3 paper size is a European Standard measuring 297 mm x 420 mm or **11.7 inches x 16.5 inches**

American paper standard “**ledger Size**” is **11” x 17”** compared to A3 11.7” x 16.5”

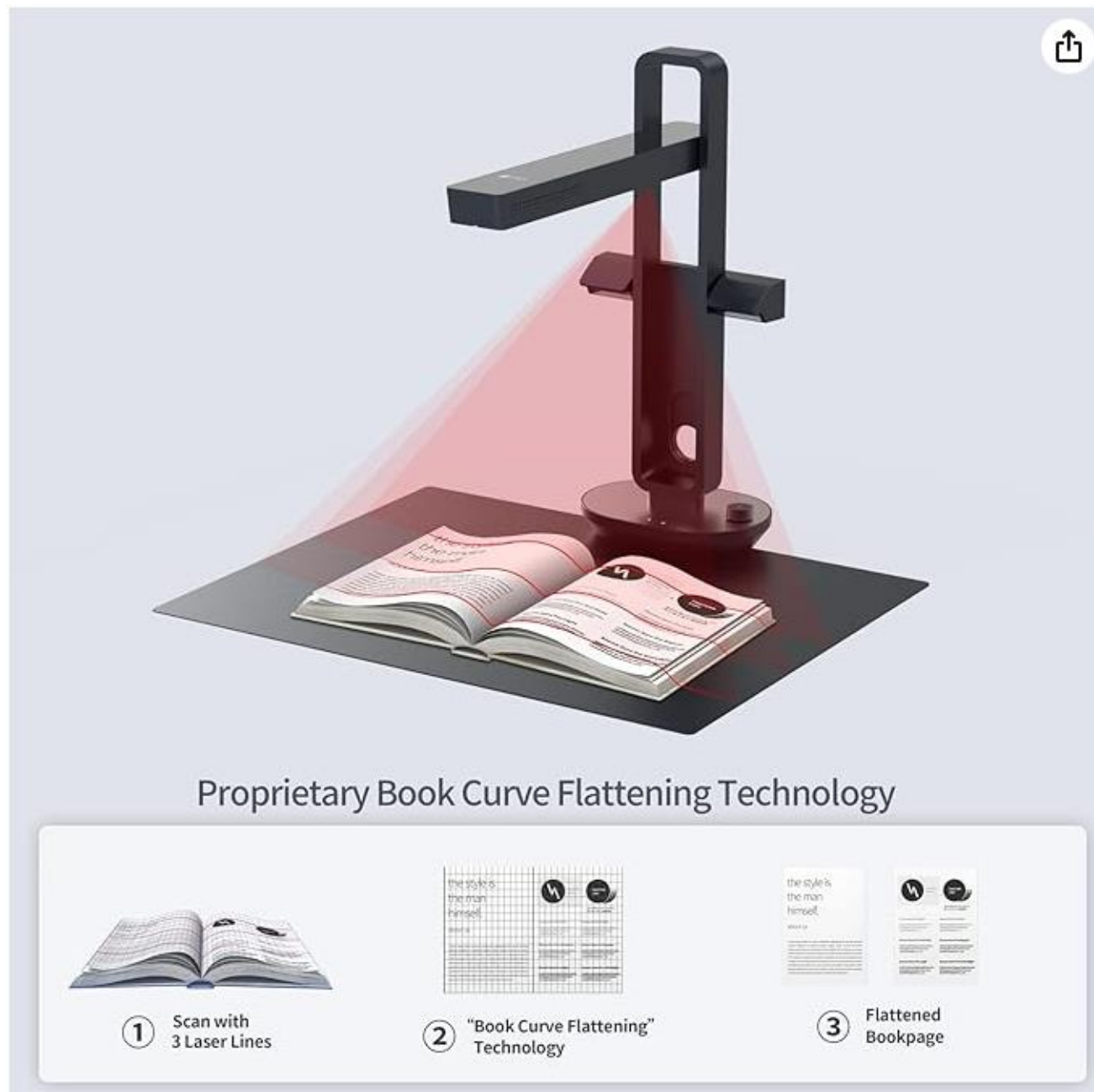
A4 paper size is a European Standard measuring 210 mm x 297 mm or 8.3 inches x 11.7 inches

American paper standard “**letter size**” is **8.5” by 11”** compared to A4 8.3” x 11.7”

American paper standard “**legal size**” is **8.5” by 14”** and was traditionally used for Book of Remembrance and family history documents

Auto-Flatten & Deskew Powered by AI Technology

Before scanning, the device will measure the curvature of the page and correct the image in software





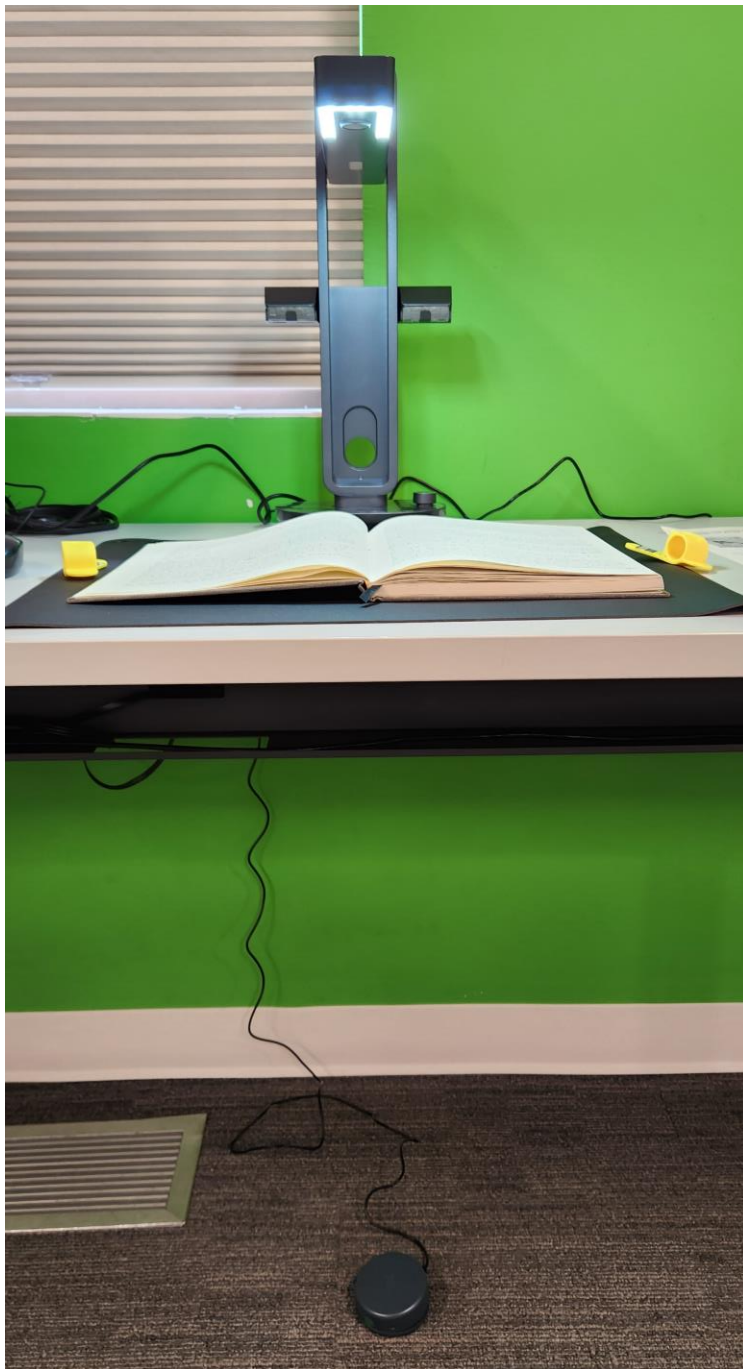
The scanner uses a camera with high resolution.

Note that there is an LCD preview screen on the scanner tower that gives a thumbnail view of what the camera is seeing. I haven't used this much because the software provides a better view of the scanning operation.



CZUR Aura Pro: folded for storage on the left and extended for scanning on the right

CZUR Aura Hardware



CZUR Aura Hardware components

Scanning tower

Black mat

Side lights

Foot pedal (connected by USB)

Finger cots

Host computer (connected by USB)

Power cord

The black mat is essential to the scanner operation. The AI software looks for the black mat to identify the area to be scanned. Items to be scanned must fit within the mat. Scanning pictures on black paper may give unexpected results. **ANYTHING ON THE MAT WILL CAUSE FAILURES**

Please be careful to keep the mat clean. Paper bits, lint and dirt show up in the scans and interfere with the algorithm.



Note that the software will only find and make the USB connection and connect in Scan Mode (not in Lamp Mode).

Hardware controls Knob:

Long press to switch on/off
(>1 second)

Short press to switch
between lamp and scanner
modes
(<1 second)

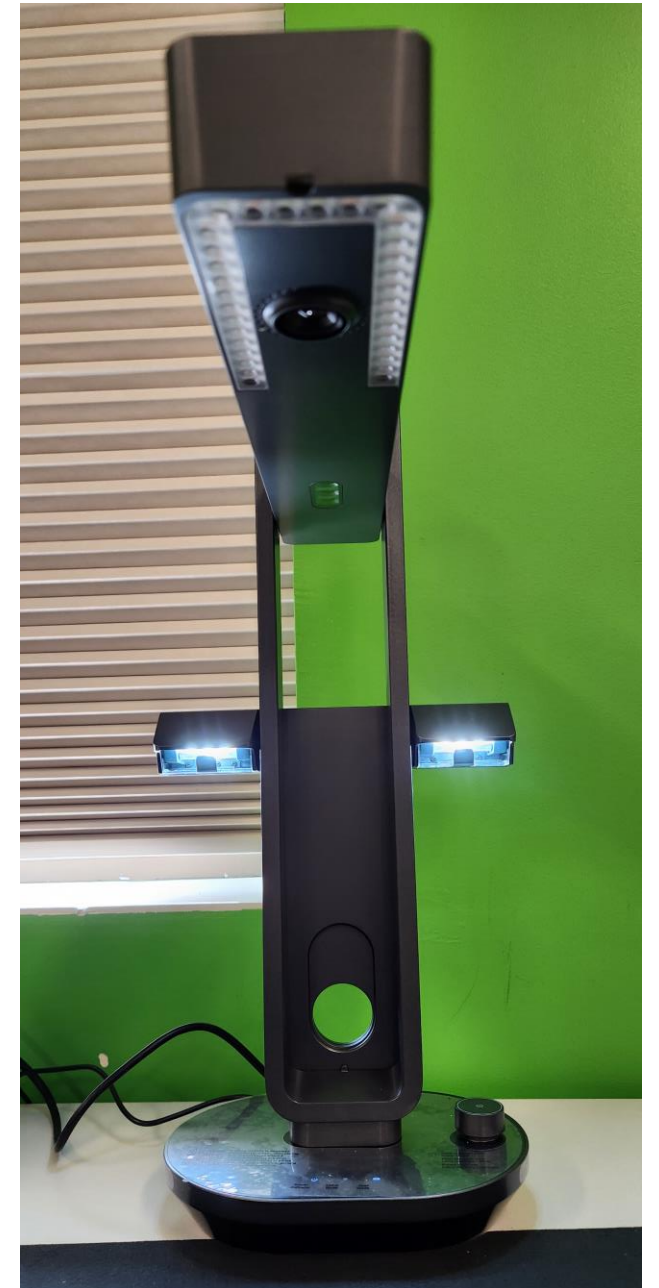
An LED indicator at the
base of the scanner
indicates which mode is
active On/Lamp/Scanner



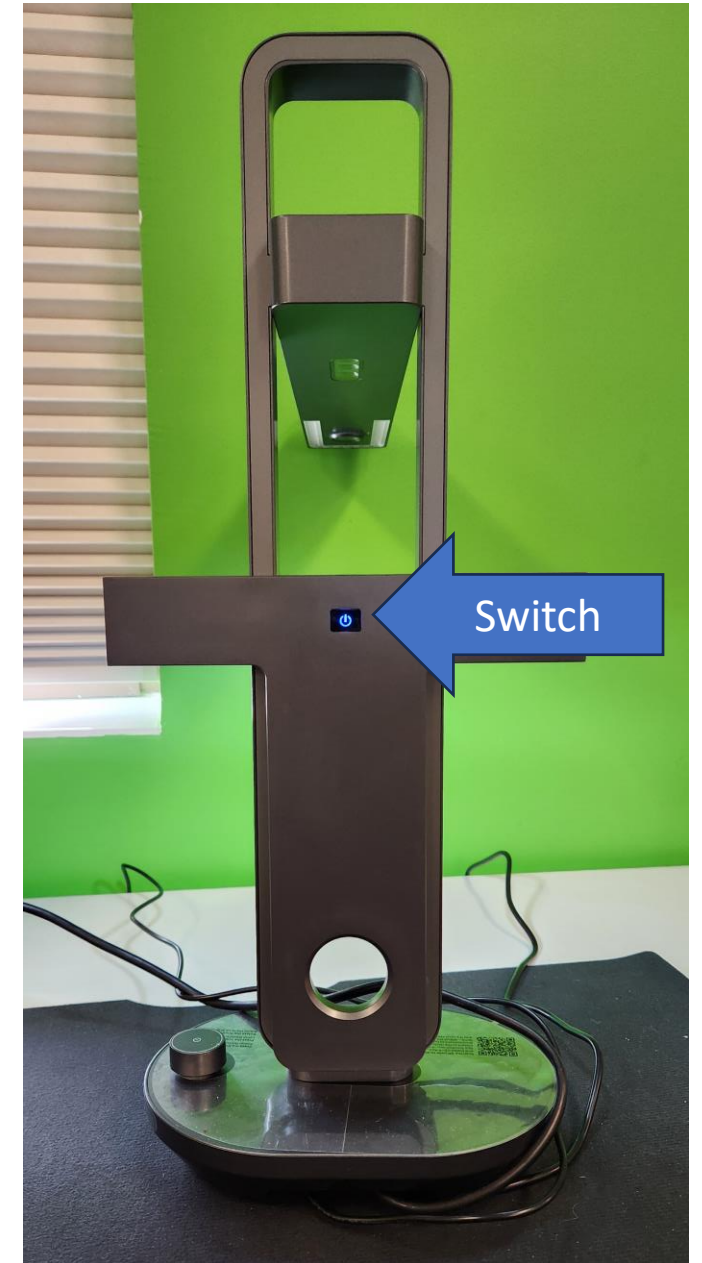
Document Illumination Options

The base knob can adjust the brightness of the overhead light to minimize glare.

The scanner offers a side light that shines on the image to be scanned at a 45° angle.



The side light magnetically connects to scanning tower.
The connector must be manually aligned.



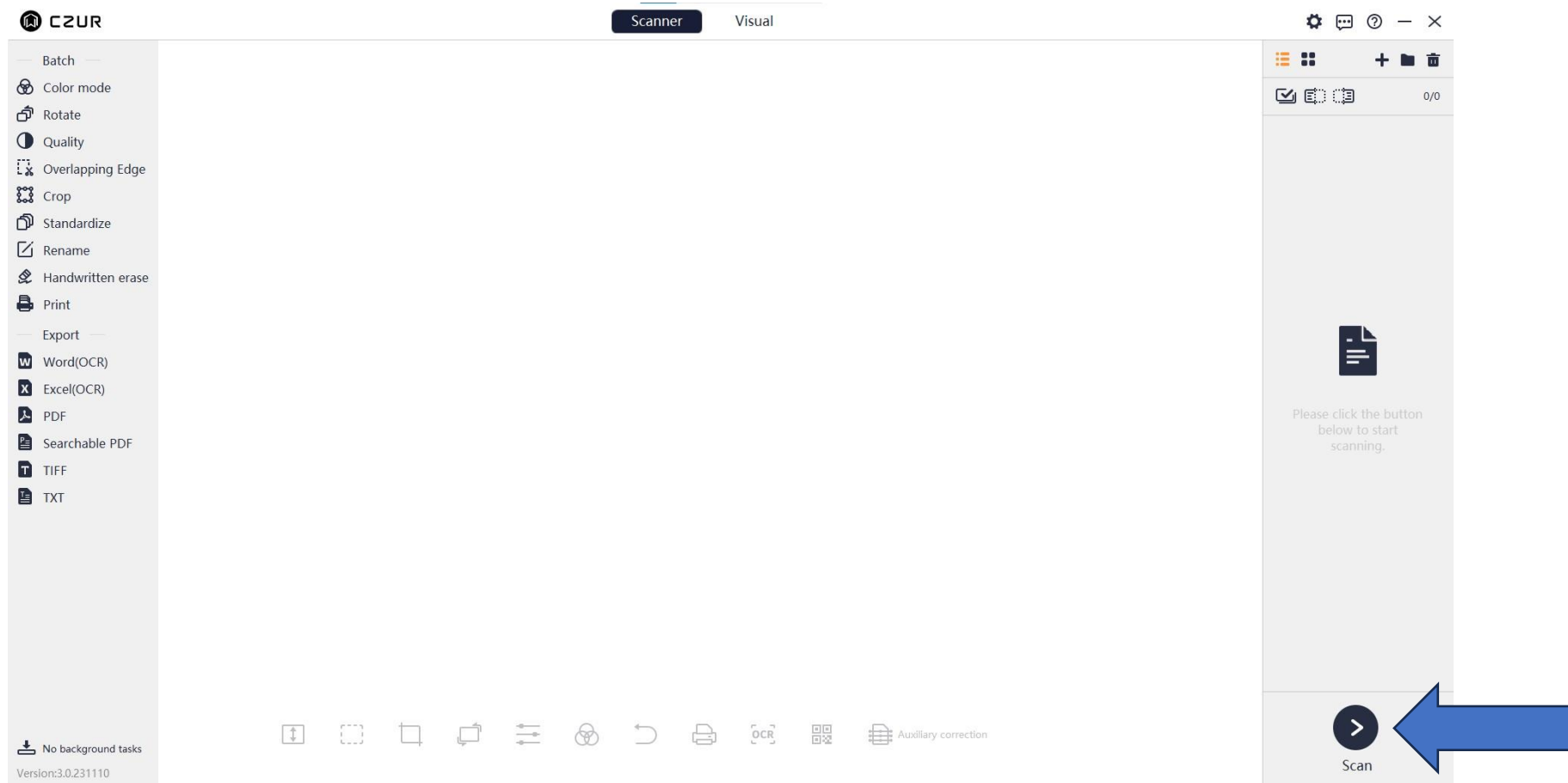
CZUR Aura Software



Ensure that the scanner is on and in “Scan Mode” by checking the LED at the base of the scan tower.

Start the CZUR Aura software by selecting this ICON on the desktop of the host computer.

This is a Chinese product and the documentation is very marginal. When you hover the mouse over a selection, a text box appears with details about that selection. I have captured all of the selection options as displayed in the text boxes. I will use them in this presentation and include them in the users guide.



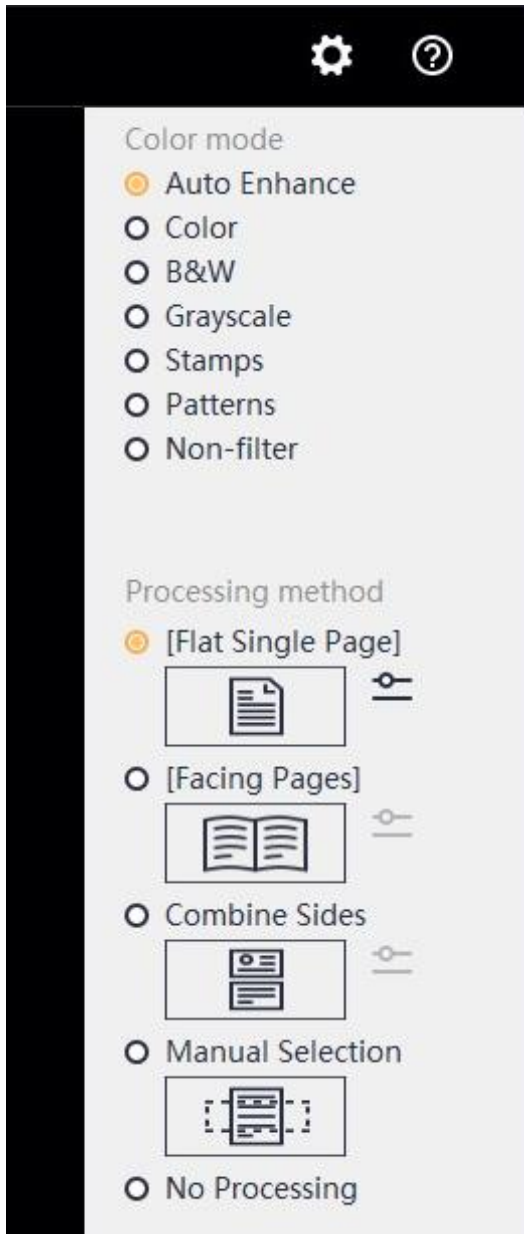
The software has two main screens. This is the first one that appears when the software is started. We will look at all of these controls in detail later in this presentation. Note three features now. Scanner and Visual selections at the top center of the window - choose Scanner. Note the scan icon and arrow at the bottom right. This leads to the scan page. Select that icon to start a scanning project.



This is the scan screen. The central portion of the window is the live image from the camera. You are seeing the black mat with nothing on it. On the left side there is a status report and on the right some controls. You can return to the initial window to process your scans using the Back button at the top left.

The documentation provided with the product is pretty sparse. However, if you hover the mouse over a link the, a text box appears with a description of the function of that link.

Using this process I recovered all of this information for all of the links in the product which is the source of the descriptions for the rest of this presentation



On the top right side of the scan screen are the initial scan controls:
Under “**Color mode**” there are 7 options. Pick one before scanning

Auto Enhance: Auto Enhance can make image color brighter and enhance black and white contrast

Color: Maximum preservation of color information without special processing; Suitable for colorful images.

B&W: Converts all colors to two colors in black and white in order to reduce file size; suitable for documents printed on white paper.

Greyscale: Converts color to various shades of grey. Greyscale color schemes can be used to retain color information while suitably reducing file size.

Stamps: Converts background color of the image to white and optimizes the colors of stamp markings; suitable for stamped official documents printed on white paper.

Patterns: Maximum preservation of watermarks and other markings while optimization to image color: suitable for documents that bear watermarks or stamps

Non-filter: Non-filtered

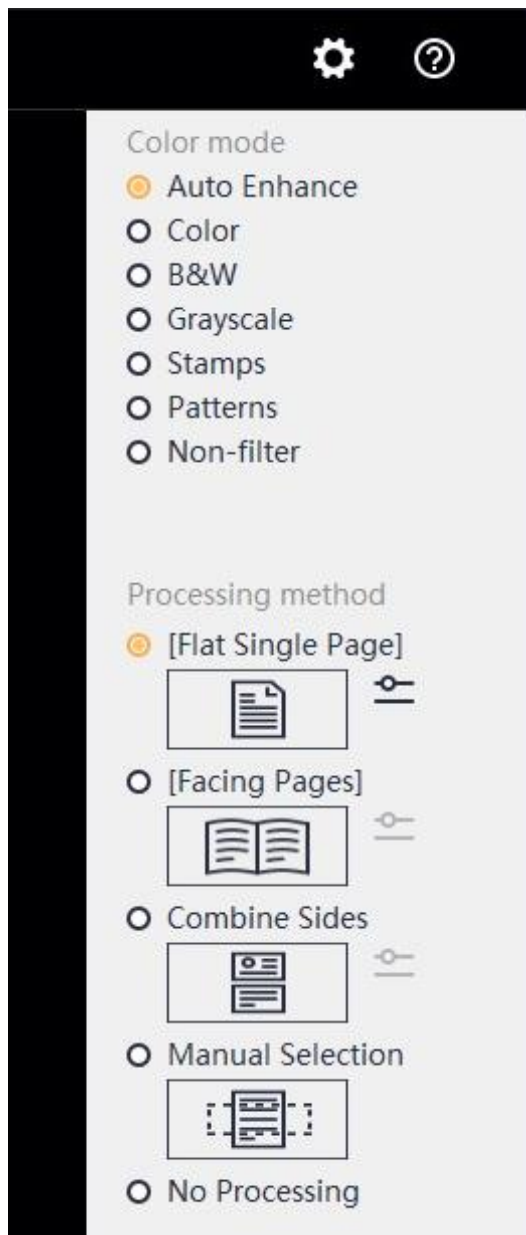
Comments:

B&W works for scanning text only documents and handwritten journals.
Auto Enhance works for mixed text and drawings.

Scanning a white paper with black text using the color setting will set a greenish cast to the paper while scanning in Greyscale will give a gray tint to the paper. Scanning in Auto Enhance gave a yellow tint to journal pages. Experiment to determine the best setting for your application.

Some legal documents have a physical stamp where the paper is deformed by a metal stamping device as a means to ensure authenticity. Another option to ensure authenticity is to use paper with water marks or other markings. This is the intent with Stamps and Pattern options.

Non-filter does no processing and in my experiments isn't a good choice.



Processing method is selected at the bottom on the right side

[Flat Single Page] Auto-cropping, tilt corrections, and other processing.

[Facing Pages] Auto-flattening curve, tilt correction, and cropping of black edges

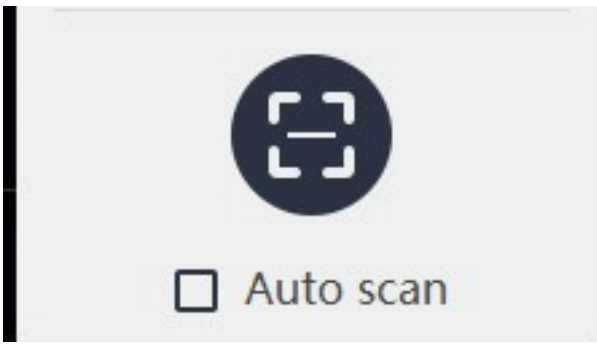
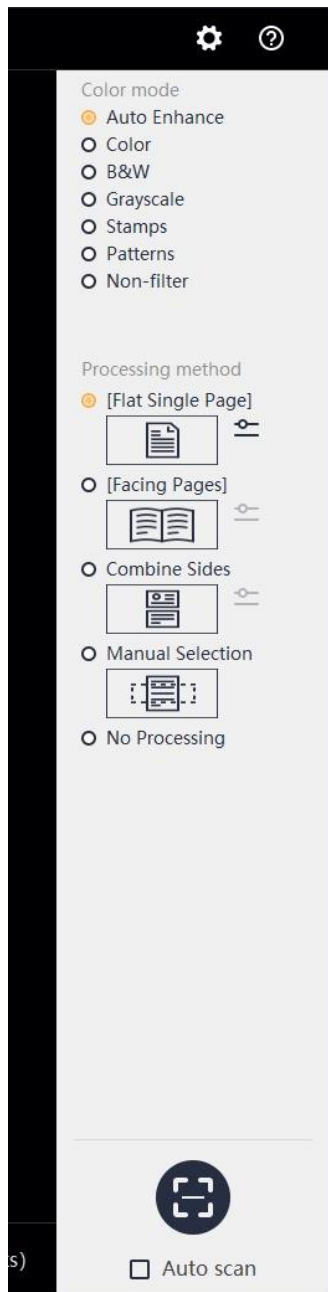
[Combine Slides] Scan both sides of ID onto the same side of one sheet of paper

[Manual Selection] Box select the desired area in the preview window. The resulting scan will only retain the selected area

No Processing: Do not process and retain the original image.

Flat single page is used for scanning documents – that is flat loose pieces of paper.

Facing pages is used for book scanning. The scanner will simultaneously capture both the left and right pages of the book. CZUR advertises Ultra-fast scanning speed of just 2 seconds per page (which is 4 seconds per scan). With a little practice I scanned 8 images/16 pages in 1 minute – a little less than 4 seconds per page. The limitation was my time to turn the page.



Scanning is initiated by one of three ways:

1. Select the scan icon pictured above located on the bottom left of the window. Suited for flat single page scans.
2. Use the foot petal. This is particularly useful for book scanning when both hands are required to keep hold the book down.
3. Select the Auto scan Icon – also good for book scanning, described later.

Scanning a flat single-page

1. Select a color mode: B&W or Auto Enhance. Check the scans to approve the color mode – results vary with the paper and print type.
2. Select [**Flat Single Page**] and place the document on the scanner mat. The only placement requirement is that the black mat extends beyond the image in all directions. It doesn't need to be otherwise aligned.
3. The scanner detects the paper and outlines it on the monitor with a solid orange line at the interface of the page and mat. This defines the image it will capture. [NOTE PROBLEMS]
4. Select the scan button at the lower right corner. The scanner captures the image and displays it as a thumbnail on the left side of the monitor and increments the processed and scanned report.

Back



Processed 0
Scanned 0

Sarah Caroline Horsecroft
and
John Moses
WYATT
FAMILY BULLETIN

VOLUME 1, NO. 4 WELLSVILLE, UTAH WINTER 1972

THE BULLETIN of this Bulletin has been rather erratic. It was our intention to make it a quarterly, however, due to the fact that the other pressing circumstances have made it necessary to publish it more often. We have now decided to make it a quarterly again. We have contacted descendants of Sarah Caroline Horsecroft and John Moses of this last, hoping to get some information from them. We will publish this last, hoping to get some information from them. We will publish this last, hoping to get some information from them.

We would like to publish histories of the test of John Moses Wyatt's children, William, Henry, George, and Charles. We would like to publish histories of the test of John Moses Wyatt's children, William, Henry, George, and Charles. We would like to publish histories of the test of John Moses Wyatt's children, William, Henry, George, and Charles. We would like to publish histories of the test of John Moses Wyatt's children, William, Henry, George, and Charles.

1972 R C U T I N The John Moses Wyatt Family Reunion held July 15, 1972, in the Wellsville Civic Center. The family meeting began at 10:00 a.m. with the reading of the minutes of the last meeting. Reports were read on the attendance and finances by Sharlene Kendrick. Reports were read on the attendance and finances by Sharlene Kendrick. Reports were read on the attendance and finances by Sharlene Kendrick.

Clair Wyatt, Bulletin Editor, stated on the Bulletin: Out of over 300 families to subscribe. Photos of the families who have subscribed are being published in the Bulletin. The histories of John Moses Wyatt's children will be published next. Extra copies of the Bulletin can be obtained for dependent children at the subscription rate of \$1.00 a year, while the regular rate for adults is \$2.00 a year.

Beth can attend. Clair suggested that we hold the reunion at Logan or some other place. It was suggested that a committee be formed with Clair as Chairman. Ideas that William Wyatt and Mary Harris would continue in their positions of president and secretary for another year. Clair and Carolyn were present and discussed the plans for the reunion trip to England including photos of the Wyatt castle at Allington.

There were 64 people in attendance. There was \$318.20 collected in dues and subscriptions. New genealogical materials are available at \$1.00. C U R I O U S The last part November 21, 1971, as president of the Cassie State of Idaho. He is the second son of Irvin and Labell Wyatt. He has two sons on missions. He will be home the first of this September (1972), and will be in the state of Idaho. He will be in the state of Idaho. He will be in the state of Idaho.

Clay left for South Carolina to teach at the state of Oregon. He will be in the state of Oregon. He will be in the state of Oregon. He will be in the state of Oregon. He will be in the state of Oregon. He will be in the state of Oregon. He will be in the state of Oregon. He will be in the state of Oregon.

Color mode

- ☐ Auto Enhance
- ☒ Color
- ☐ B&W
- ☐ Grayscale
- ☐ Stamps
- ☐ Patterns
- ☐ Non-filter

Processing method

- ☒ [Flat Single Page]
- ☐ [Facing Pages]
- ☐ Combine Sides
- ☐ Manual Selection
- ☐ No Processing



☐ Auto scan

Exposure: Auto

☒ Video guideline (Disappears after 5 -clicks)

Type here to search

Address

12:26 PM
1/8/2024

After scanning the 2nd page the status on the top left side shows it has scanned and processed two pages. Below that are thumbnails of the two completed scans. Use the back button at the top left to return to the initial screen to process the scans

Sarah Caroline Horsecroft
and
John Moses

Wyatt
FAMILY BULLETIN

VOLUME NO. 1

WELLSVILLE, UTAH

SPRING 1971

F I R S T I S S U E

Clair L. Wyatt

This is the first issue of the John Moses Wyatt Family Bulletin. The purpose of this bulletin is to help keep the entire family better informed of the activities of the organization, to provide greater family unity, to help us all appreciate our heritage, and to generate financial support for genealogical research work.

We are greatly concerned with the great numbers of the family who do not, or cannot attend the annual reunion. We hope to encourage more interest in a greatly expanded reunion program. In addition this bulletin will help those who cannot attend the reunion to participate in the family program.

Future issues of this bulletin will contain histories of our pioneer ancestors and periodically will include the pedigree charts of the lines that have been researched. Therefore these bulletins will be worthy of compilation in your own book of remembrance. It is for this reason they are on the standard genealogical (legal) size sheet.

We would also like to periodically feature one of the third generation families of which there are forty in number. This could include a descending pedigree chart and pictures of the third and fourth generation.

In addition we would appreciate information that you may wish to provide: marriages, births, missions and other family events that could be published in a section on "Current Events". These should be mailed to the Editor, Clair L. Wyatt, 591 So. M. St., Providence, Utah 84332.

There is some expense associated with the publication of such a bulletin. It can be continued only if you find it of enough value to make a donation to the family organization that will cover the cost and also help support the genealogical research program of the family. The Wyatt family organization has set the dues at ten dollars per family per year. Of this, five dollars contribution covers the subscription to this bulletin. This money should be mailed to Annie Leishman, Wellsville, Utah, 84339. All those contributing a minimum of five dollars per year will continue to receive these quarterly bulletins.

T H E P R E S I D E N T S L E T T E R

Sidney L. Wyatt

Dear family members: The year 1971 reunion of the John Moses Wyatt family is to be different: First it will occupy the entire day in order to accommodate our expanded program. Second we are giving more thought and time to recreation and fun, especially for the young. Third we are going to feature the third generation. Fourth, a family dinner will be introduced for the first time. This should also be a social feast. Make plans now to attend. In research and temple work, the past year has been by far the best yet: hear the report on July 10th.

The reunion program is as follows: Saturday, July 10th, at the Wellsville Civic Center, registration begins at 9:30 am, business meeting at 10:30 am, luncheon at 12:00 pm, games in the afternoon.

The following has been planned by your committee which has been meeting often:

Dinner: The dinner will be served immediately following the morning meeting. The committee has decided that the entire group dine as a family and that a buffet dinner be served in place of each family eating by itself. To insure a diversity of food courses, each family is asked to bring its own lunch as usual: drink, main dish, and dessert. The same amount of food should be brought as usual. The committee will receive this food and prepare it for serving. In this way it is hoped that dinner time will become a social hour. Please label your plates and containers so that you can reclaim them. Each family will bring its own utensils. The dinner committee is headed by James and Beulah Wyatt and William and Nona Wyatt.

Activities: The business and instructional meeting is under the direction of the co-presidents, Sidney L. Wyatt and William L. Wyatt. We invite members to volunteer for the program with musical or reading numbers. Get in touch with the co-chairmen.

The childrens games and races are under the direction of Mary Ann Wardle and committee. Prizes will be given to winners.



Auxiliary correction



Scan

<input checked="" type="checkbox"/>	image00001.jpg	Del	Rep	Ins	Details
<input checked="" type="checkbox"/>	image00002.jpg				
<input type="checkbox"/>	image00003.jpg				
<input type="checkbox"/>	image00004.jpg				



We have returned to the initial page. We can move back and forth between these two windows during a scan job as needed without losing our work. Note the scan information is stored by the software in internal memory. We haven't been asked for a storage location yet nor can we access or save the images.

Double clicking on a image name selects that image for display. In this example image00001.jpg has been selected. We have the options of deleting, replacing, inserting or getting details of that scan. Order of images is important for document creation.

For batch processing of a scan image we select it using the check box. In this case image00001.jpg and image00002.jpg have been selected. Image00003.jpg and image00004.jpg have not been selected. The software reports that 2 of 4 images are currently selected at the top right.

Single image processing can be done via the icons at the bottom of the window. This editing only affects the displayed image.



From left to right these processing options are:

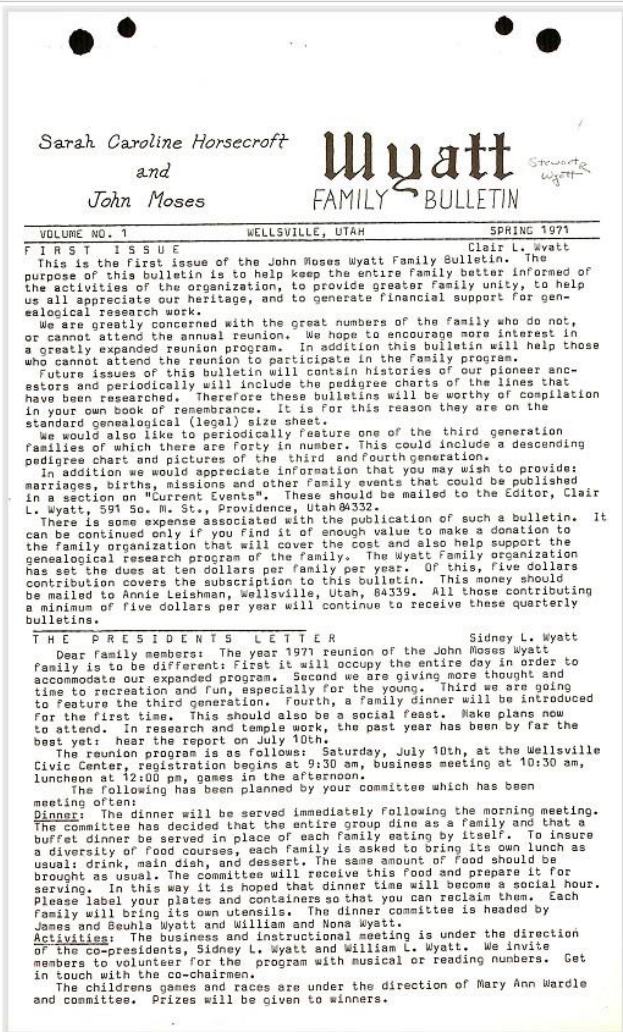
Fit Height, Box Select, Crop, Rotate, Adjust contrast sharpness and thickness, Color Mode, Reset, Printer, OCR, Barcode/QR Code recognition, “Auxiliary correction” Manual correction of the unsatisfied image (translation issue?).

In the next slide, I have selected the 4th icon from the left, “Rotate”. Selecting it causes the icon to change from black to orange and opens the rotate controls on the right side of the screen. I now have access to the four rotate options along with a fine adjustment. I have rotated the image so it stands upright. I then need to cancel or save the edit.

- Batch
- Color mode
- Rotate
- Quality
- Overlapping Edge
- Crop
- Standardize
- Rename
- Handwritten erase
- Print
- Export
- Word(OCR)
- Excel(OCR)
- PDF
- Searchable PDF
- TIFF
- TXT

No background tasks

Version:3.0.231110



Rotate



Cancel

Save

2/4

☒ image00001.jpg
Del Rep Ins Details

☒ image00002.jpg

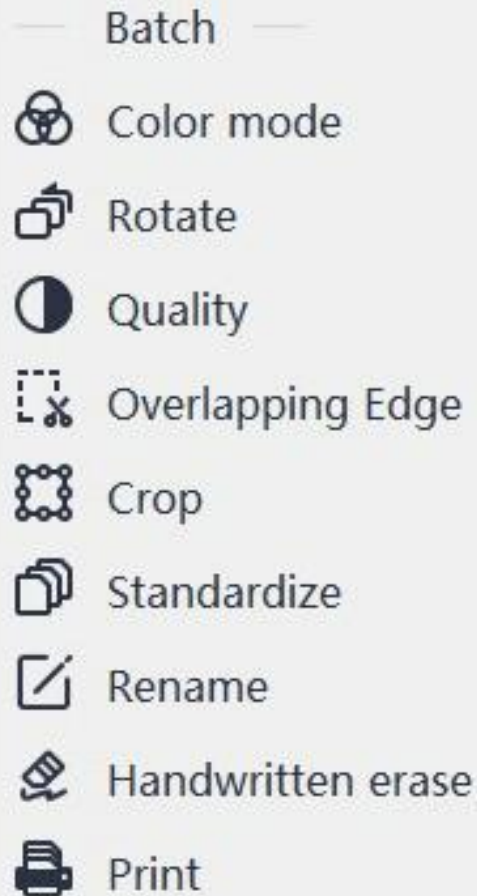
☐ image00003.jpg

☐ image00004.jpg


Scan



Auxiliary correction



Alternately we can **batch** process the images by selecting the box by the images we wish to process (on the right side) and selecting the batch operation on the top left side. This will process the selected images in one operation

Color mode: Performs batch color conversion of the selected image file.

Rotate: Performs batch rotation.

Quality: Performs batch contrast and sharpness adjustments.

Overlapping Edge: Crop overlapping edges in batch.

Crop: Crops a single page or a scanned book

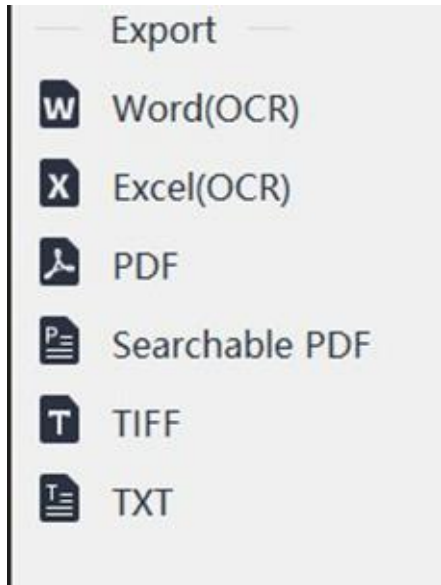
Standardize: Performs batch scaling and background color processing

Rename: Performs batch naming, copying, and saving according to a preset rule of the selected image file into another folder.

Handwritten erase: Automatically erase hand written strokes in images

Print: Performs batch exporting of the selected image files for printing.

So far all of the image data has been stored in the program's internal memory and is inaccessible to the user. To create a file we can use the Export options on the middle left side of the window. The standard choice is to export the scan as a PDF. The only picture format is TIFF. We will talk about OCR (optical character recognition) later.



Export

Word (OCR): Performs OCR conversion of selected image file to generate a Word Document.

Excel (OCR): Performs OCR conversion of selected image file to generate a Excel Spreadsheet.

PDF: Quick-saves the selected image files as a Portable Document Format (PDF).

Searchable PDF: Saves the image file as a double-layered PDF (searchable PDF). Enables copying text and searching for words in the document.

TIFF: Package all selected image files and generate a TIFF file. Supports both color and greyscale images, and allows LZW, JPEG, and group r compression methods.

TXT: The selected picture file is converted into a TXT document by OCR.

Book Scanning

1. For **Processing Method** chose [**Flat facing pages**]. Select a Color Mode. Auto Enhance or B&W may be the best choices.
2. Aura “Finger Cots” can be used to hold the pages down. If your fingers do not cover the finger cot markings, the software will remove the finger cot from the image. The book doesn’t need to be flattened to scan. Use the finger cots is to align the page .
3. The spine of the book must align with a dashed orange line displayed in the monitor to identify the left and right-side pages.

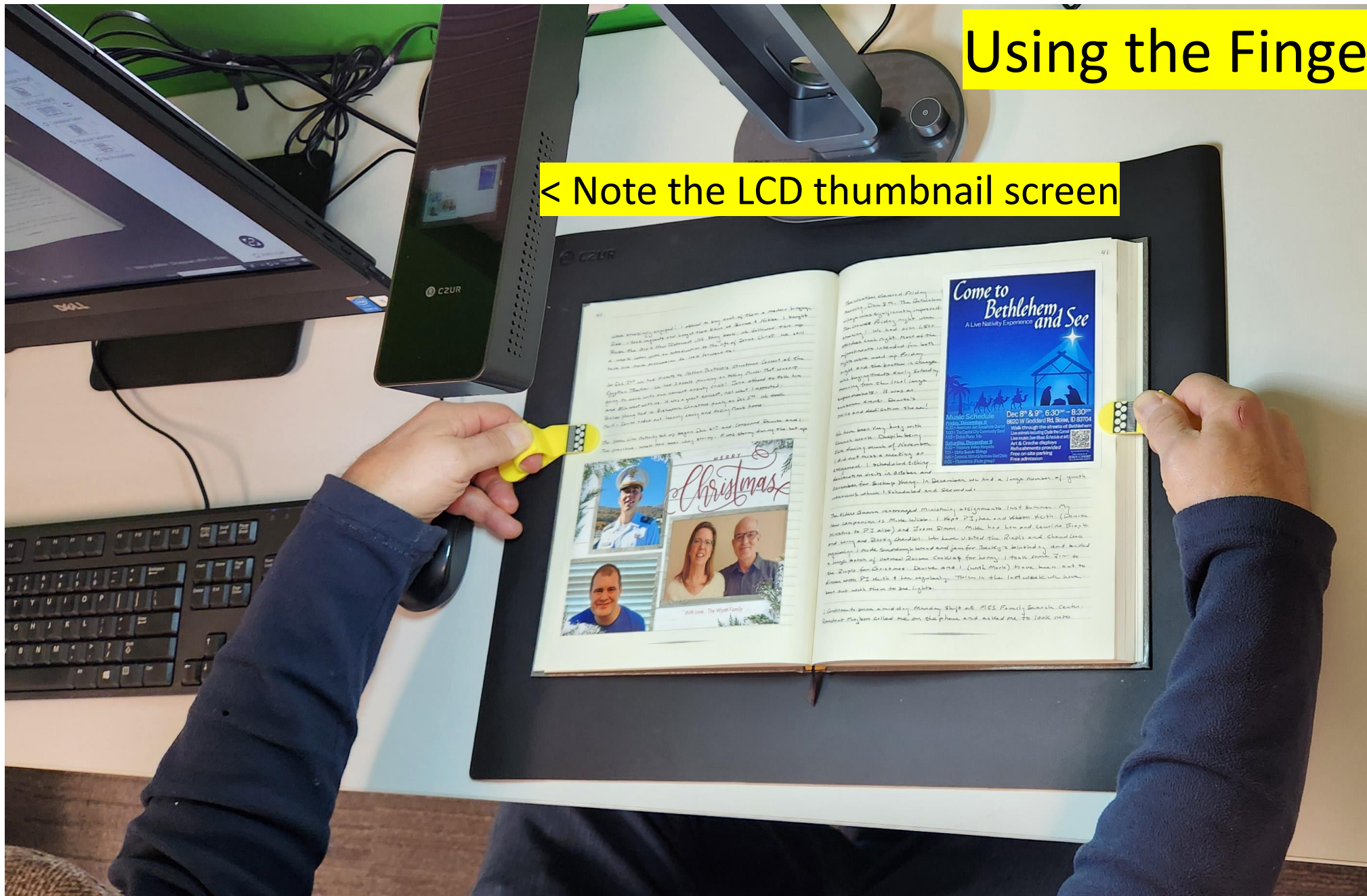
4. With both hands occupied with the finger cots, use the foot pedal to initiate the scan. The camera will capture the left and right pages simultaneously.

5. The scanner will fire three laser lines to measure the curvature of the book. Then it will scan the book creating two images. Using the data collected from the laser line measurements, it will use its own software to automatically flatten the page image.

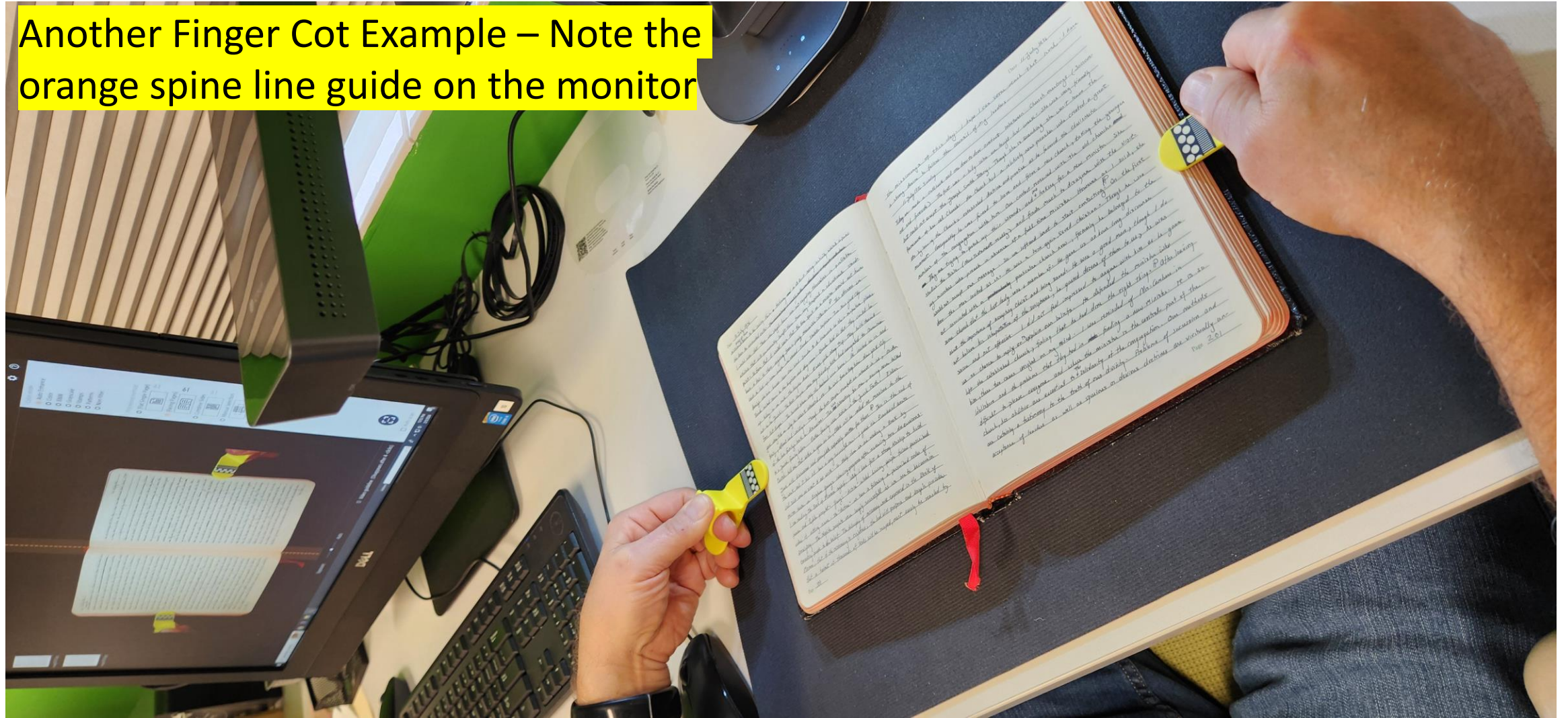
Scan as many pages as you like. The image thumbnails will be added to the list on the left.

Using the Finger Cots

< Note the LCD thumbnail screen



Another Finger Cot Example – Note the orange spine line guide on the monitor





Processed 2
Scanned 2



image00001.jpg



image00002.jpg



image00003.jpg



image00004.jpg

2

and found that they had the display model available at an additional 5% off. I assumed with this turn of events that God wanted me to get this Multitool so I bought the \$170 tool for \$102. Awesome. It is a Leatherman Charge + 610 on Feb 18th.

I taught Brooklyn Jorgensen and her room mate Abby the temple prep course on Feb 13th, 25th and 28th. On January 26th, a SA Sunday, I provided a demo to our ward 2nd block on scheduling temple appointments, an introduction to our Family Search Center and an introduction to Ordinance Ready.

Also in the last 6 weeks I have completed a number of home and yard repairs. Collected and forwarded 2022 tax documents to our tax accountant, revised our budget and finance plans and home travel and camping plans for 2023. With me going on Social Security. Mark's transfers from receiving Survivor Social Security benefits based on Anna's income to dependent child benefits based on my income. He was receiving \$540/m. Survivor benefits and \$321/m. SSI benefits. Retroactively to last August, he will receive \$1755/m. dependent child benefits but will no longer receive SSI.

February 26, 2023 Sunday

The temple endowment movie was reviewed with significant changes on or around Feb 7. The changes offer much greater explanations of the endowment and the covenants. I was impressed with the improved clarity of the message.

My cell phone has mysteriously found itself off. I visited the Verizon store twice and ended up getting a replacement phone on Feb 13th. Fortunately the data transfer went smoothly and I was able to recover my music and files intact. The dog failed dead a healing element problem. Dave ordered a repair kit from Amazon. The healing element was an exact match. I was able to replace it. I damaged the front panel retaining clips removing it but was able to repair it with epoxy. The dog is 15 years old and cost over \$1000. It was a blessing to keep it running with

\$30.00 repair parts.

Mark's lump sum Social Security payment arrived mid month without any notice. He received \$4,000. His Medicare rules prohibit him from having more than \$2,000 in his assets. We made an emergency trip to RC Wilby and bought him a new bed, chest of drawers, end table and chair on Feb 15th. Denise has been repainting his room. Most of the furniture will be delivered on the 28th.

In our last Family Search Center session on Feb 9th Jessica McAllister talked about doing foreign language family history research. I had visited with her before about that. She came to the library during my shift on Feb 13th and we looked at my 3rd great grandfather who is listed in Family Search as Christian Jensine Mathsen Nilsdotter. She and her husband Hans Jensen emigrated from Frederiksberg, Denmark in 1863. Sister McAllister suggested I look for an obituary. I understood she was buried in Brigham City Cemetery but was never able to locate her grave. With some clever work with one of the grave location exiles searches I was able to locate her grave plot where she is listed as Christian Jensen and located a brief obituary in The Brigham City Eagle.

On Feb 17th our Chevy was finally delivered. It is a 2023 Chevy XLE hybrid Sedan. The color is Wind Chill Pearl (white) with a black interior. It has a Moon roof, heated seats, a "navigation" package that includes wireless 9.4 inch speaker sound system. It has an exhaust free set of 5 safety features. The EPA estimates 44 mpg. It cost \$37,409 as expected but I got \$6,000 trade in for the Forester when I thought we would get \$10,000 leaving me with a \$4,000 gap. However we are getting \$3,372 back in federal and state income tax rebates filed around Feb 16th. The rebate should be deposited in 21 days - so around March 9th.

Jane agreed to watch Mark for us overnight on March Feb 24 & 25th for our annual McCall weekend. I got a reservation at the Scandinavian. After dropping Mark off at Jane's we drove the Rutoline to McCall.

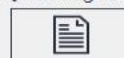
3

Color mode

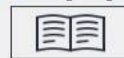
- ☐ Auto Enhance
- ☐ Color
- ☐ B&W
- ☐ Grayscale
- ☐ Stamps
- ☐ Patterns
- ☒ Non-filter

Processing method

- ☐ [Flat Single Page]



- ☒ [Facing Pages]



- ☐ Combine Sides



- ☐ Manual Selection



- ☐ No Processing

Exposure: Auto

Video guideline (Disappears after 5 -clicks)



☐ Auto scan



Processed 3
Scanned 3

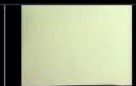


image00001.jpg



image00002.jpg



image00003.jpg



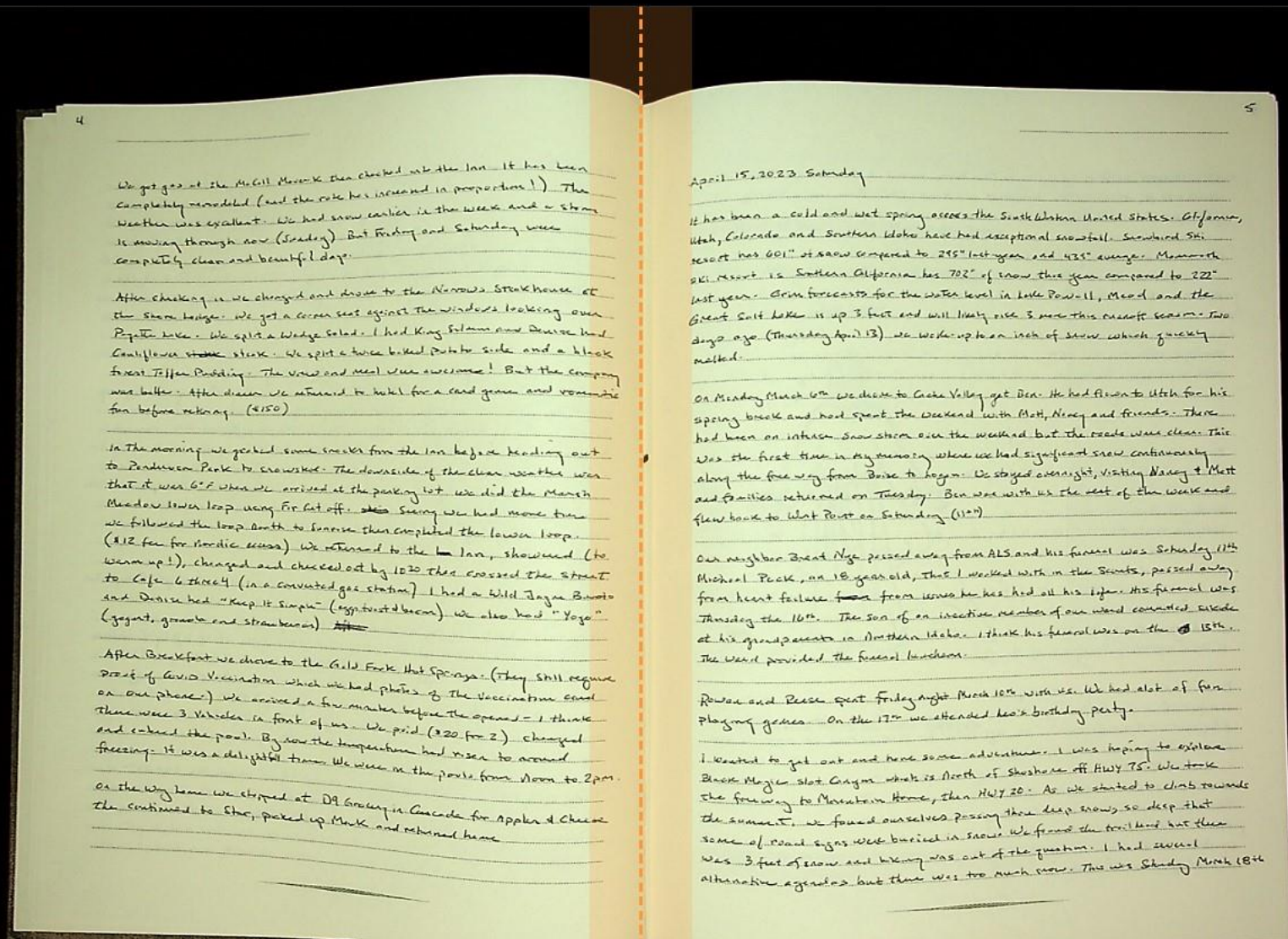
image00004.jpg



image00005.jpg



image00006.jpg

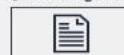


Color mode

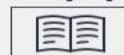
- ☐ Auto Enhance
- ☐ Color
- ☐ B&W
- ☐ Grayscale
- ☐ Stamps
- ☐ Patterns
- ☒ Non-filter

Processing method

- ☐ [Flat Single Page]



- ☒ [Facing Pages]



- ☐ Combine Sides



- ☐ Manual Selection



- ☐ No Processing

Exposure: —●— Auto

Video guideline (Disappears after 5 -clicks)



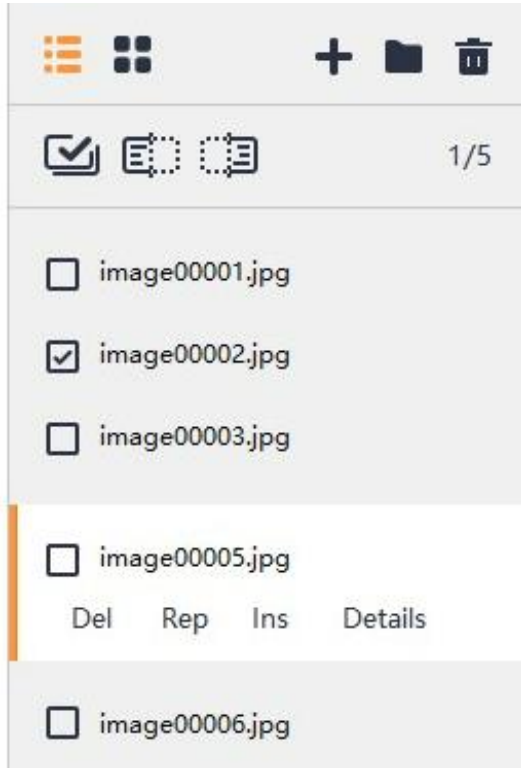
☐ Auto scan

TXT

On Tuesday April 18th we had another snow storm! Snow stuck to some surfaces but all melted later in the day. We were more than a month late getting our garden in due to continued cold weather.

☐ image00006.jpg

Scan



Having scanned 3 times resulting in 6 images, use the back button to return to the initial window.

Look at the selection menu at the top right. The top row left side has list by row or list by array.

The next row shows three icons and reports that one of the five images is selected.

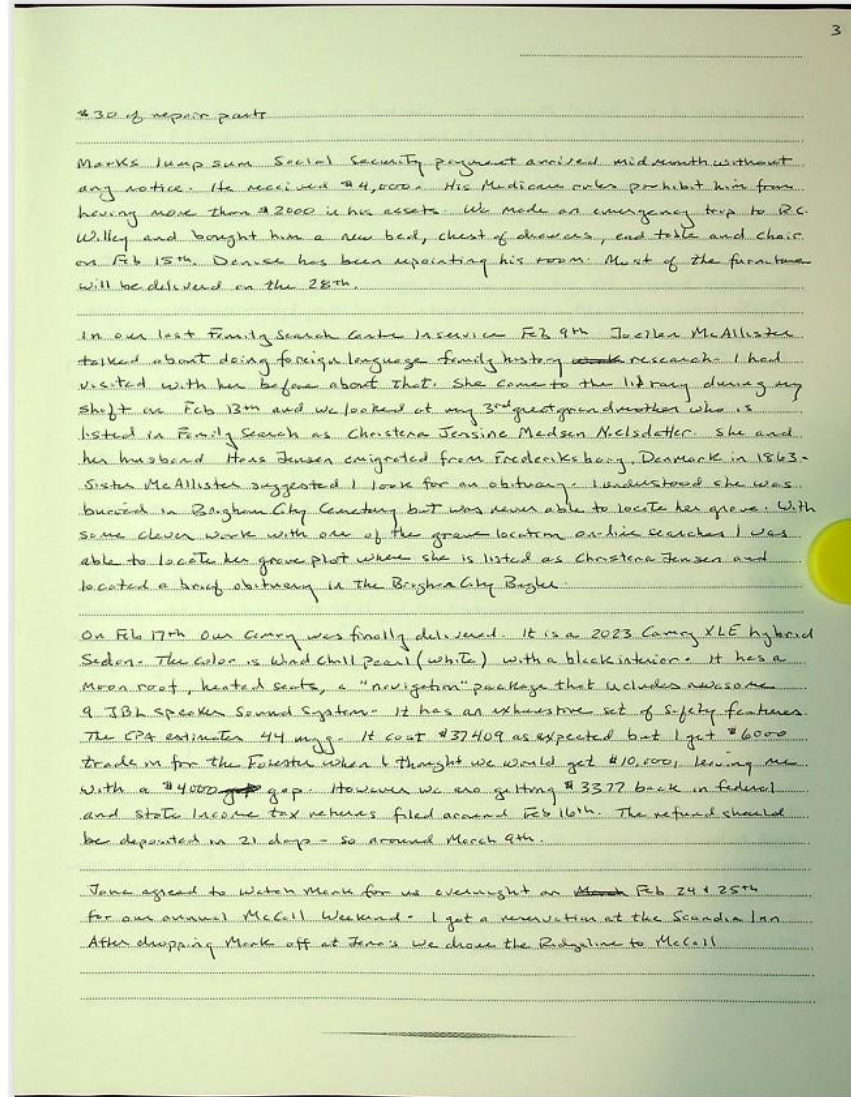
Selecting the checkmark icon will select (or deselect) all of the scanned images. The left page icon will select all of the left page scans while the right page icon will select all of the right page scans.

Selecting either right or left page options combined with batch processing provides a powerful tool for providing uniform cropping and editing of the scanned pages.

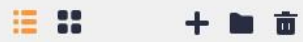
- Batch
- Color mode
 - Rotate
 - Quality
 - Overlapping Edge
 - Crop
 - Standardize
 - Rename
 - Handwritten erase
 - Print
- Export
- Word(OCR)
 - Excel(OCR)
 - PDF
 - Searchable PDF
 - TIFF
 - TXT

No background tasks

Version:3.0.231110



Auxiliary correction



1/6

☐ image00001.jpg☒ image00002.jpg☐ image00003.jpg☐ image00004.jpg

Del Rep Details

☐ image00005.jpg☐ image00006.jpg

This screen capture shows a finger cot error. The fingercot pattern wasn't visible to the camera and the software was unable to recognize it and remove it.



Scan

How big of a book can you scan into a single document?

I didn't find an answer. The scanned images are labeled as images from 1 to 99,999 which implies a software limit of 99,999 pages.

FamilySearch memories has a limit of 15 Mbytes for files uploaded. I scanned a 22 page legal size document (Book of Remembrance format) which resulted in a 16.5 Mbyte file – just too large to upload. In another experiment I scanned 50 pages (25 scans) of my mission journal which was under 15MBytes.

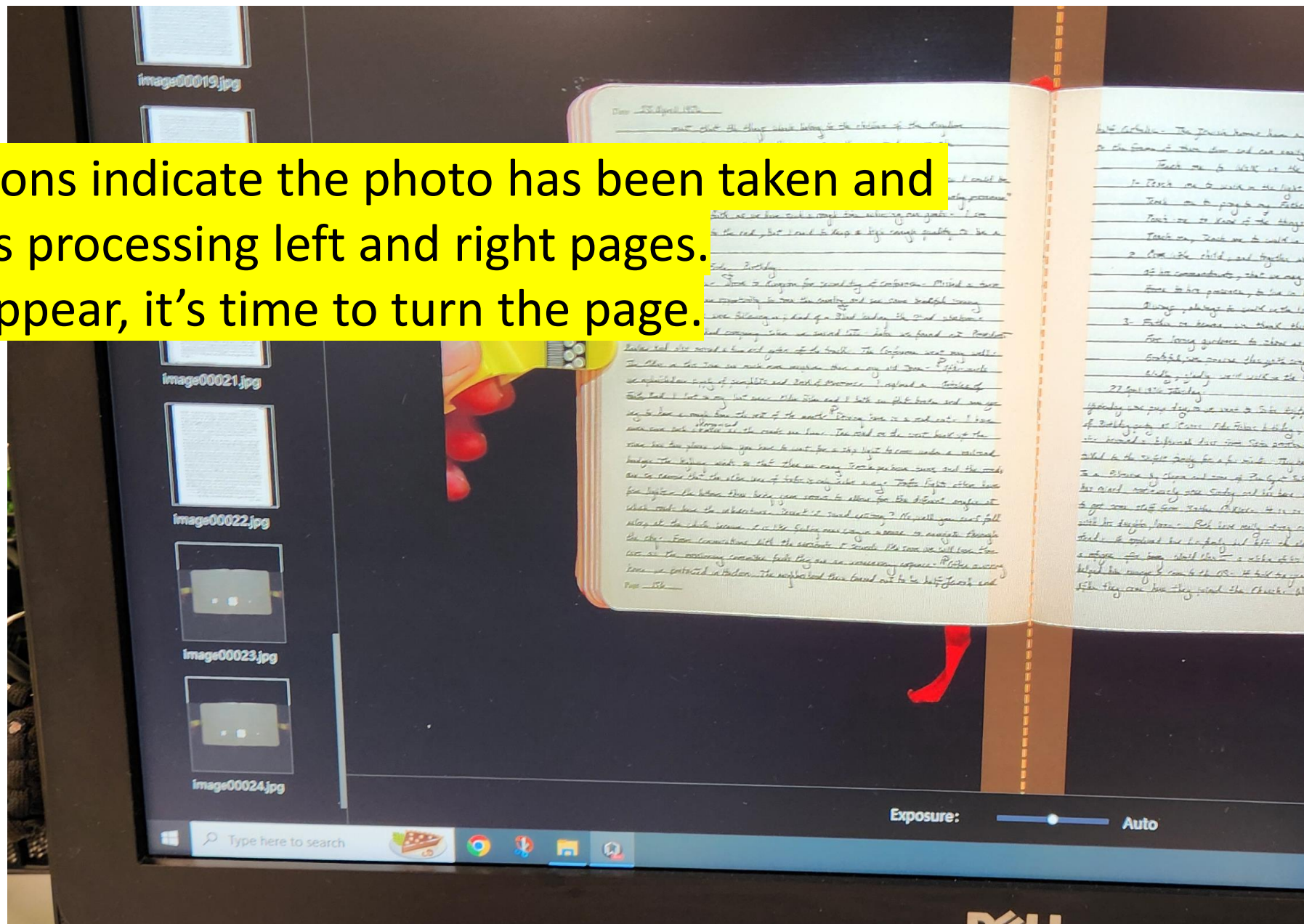
A single letter sized typed page, scanned with Auto Enhance and exported as a PDF was about 50 Kbytes.

The Lehi FamilySearch center said the most popular application of their scanner was scanning mission journals. They thought it was capable of scanning reasonable sized books.

Auto Scan Feature

Rather than using the foot pedal to initiate a scan, you can enable the auto scan feature and the scanner will fire when it detects a page change. This works well once you can catch the rhythm of the machine. After a page change the scanner will wait for the page to be stable for a couple of seconds. You can change the pages as soon as the scanner shows the images processing. (See the next slide.)

Bottom two Icons indicate the photo has been taken and the software is processing left and right pages. When these appear, it's time to turn the page.



OCR

Optical Character Recognition

Optical Character Recognition (OCR) is the process that converts an image of text into a machine-readable text format. For example, if you scan a form or a receipt, your computer saves the scan as an image file. You cannot use a text editor to edit, search, or count the words in the image file. However, you can use OCR to convert the image into a text document with its contents stored as text data. (Definition from Amazon Web Services)

OCR provides a method to create a Text or Word file from an image that can be edited or searched in a word processor. Many family history documents exist only as an image files and would require retyping them before they could be edited. Files were distributed as photocopies of photocopies and the quality of the document decreases as the generation of copies increases.
















The CZUR Aura software provides 6 Export options, four of which include OCR capability. A file can be scanned into a word processor format (Word) or a spreadsheet format (Excel) as well as a Searchable PDF and TXT format.

With a Searchable PDF file you can search the document for a word and copy text strings to embed in another document but the document cannot be edited.

Choosing between PDF and Searchable PDF

For a printed document it may be worthwhile to save a document as a PDF and save it again as a Searchable PDF, then compare the size of the two files.

Sometimes the Searchable PDF file is smaller than regular PDF file while being more useful.

- Batch
-  Color mode
 -  Rotate
 -  Quality
 -  Overlapping
 -  Crop
 -  Standardize
 -  Rename
 -  Handwritten
 -  Print
- Export
-  Word(OCF)
 -  Excel(OCR)
 -  PDF
 -  Searchable
 -  TIFF
 -  TXT

Tasks complete

Version:3.0.23111

The Faith of a Scientist – Clair L. Wyatt

is a chance to gain a whole new level of discussion on the nature and meaning of life." (N.J. Berrill, "Worlds Without End")

Exobiology is the study of extraterrestrial (non-earth) life. The question of whether intelligent beings

OCR

Identify current language:

English

- ☒ English
- ☐ Chinese Simplified; English;
- ☐ Chinese Simplified
- ☐ Chinese Traditional; English;
- ☐ Chinese Traditional

☐ Others

- A
- ☐ Abkhaz
- ☐ Adyghe
- ☐ Afrikaans
- ☐ Aqul
- ☐ Albanian
- ☐ Altaic

Export file type:

Word 97-2003

Size:

Auto

Image processing mode

Auto Adjustment

☐ Show Sort window

Confirm



Auxiliary correction

☒ image00001.jpg

Del Rep Ins Details

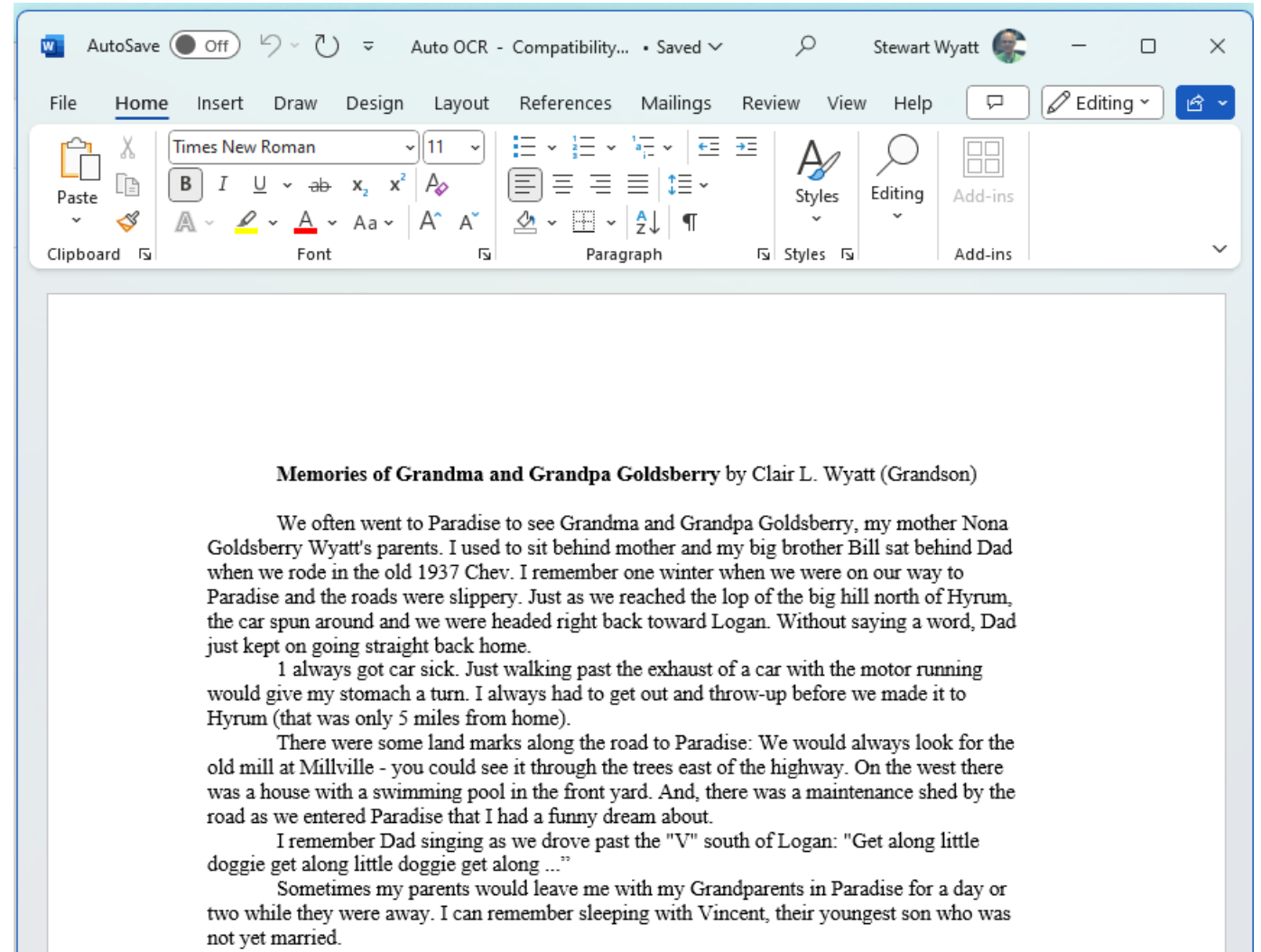


Scan

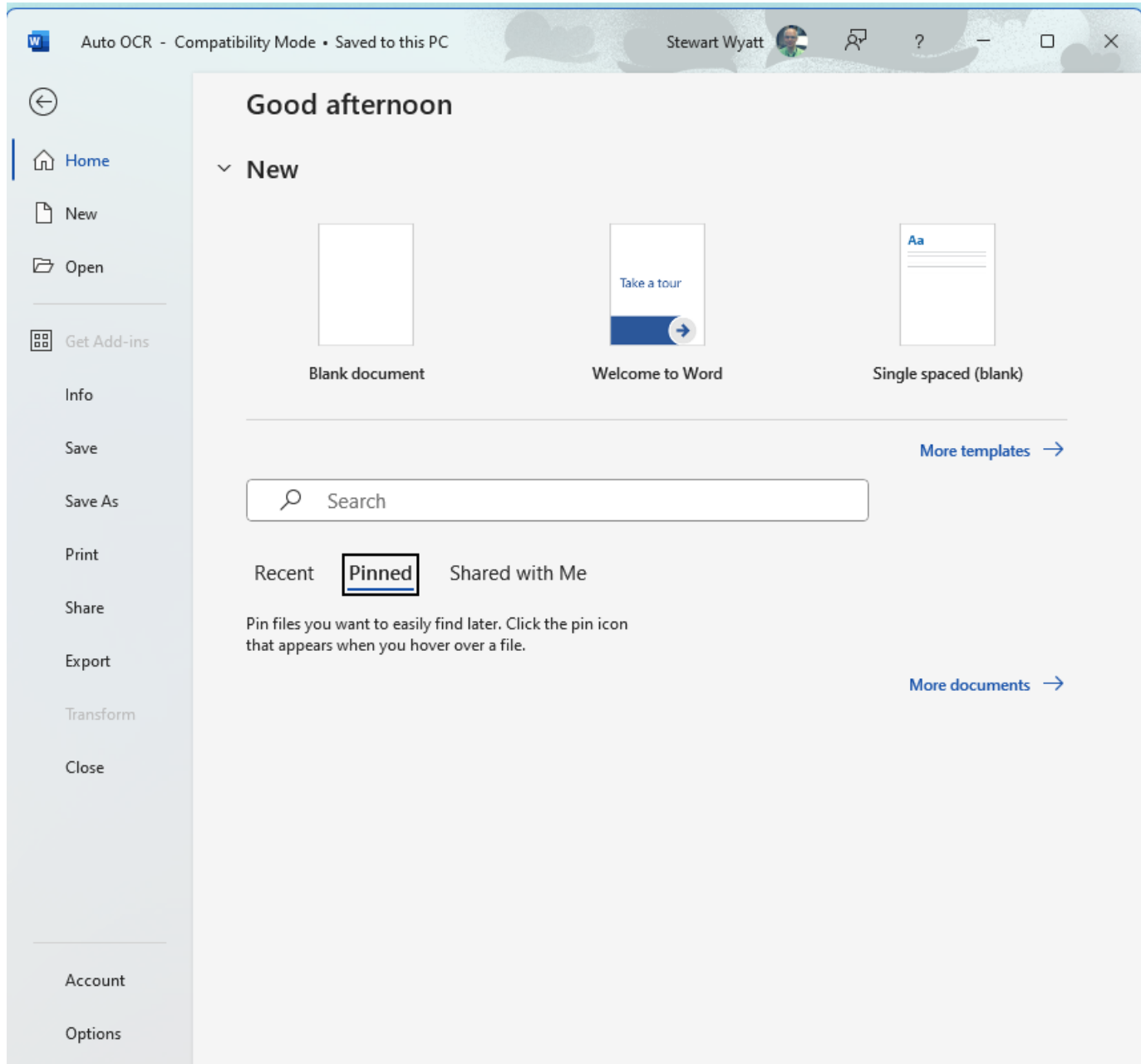
Here is a history that I scanned and converted using Word(OCR) export option. It looks exactly like the original – but it is not.

When you enter text with a word processor spaces and paragraph marks (or carriage returns) are characters that are present but not displayed.

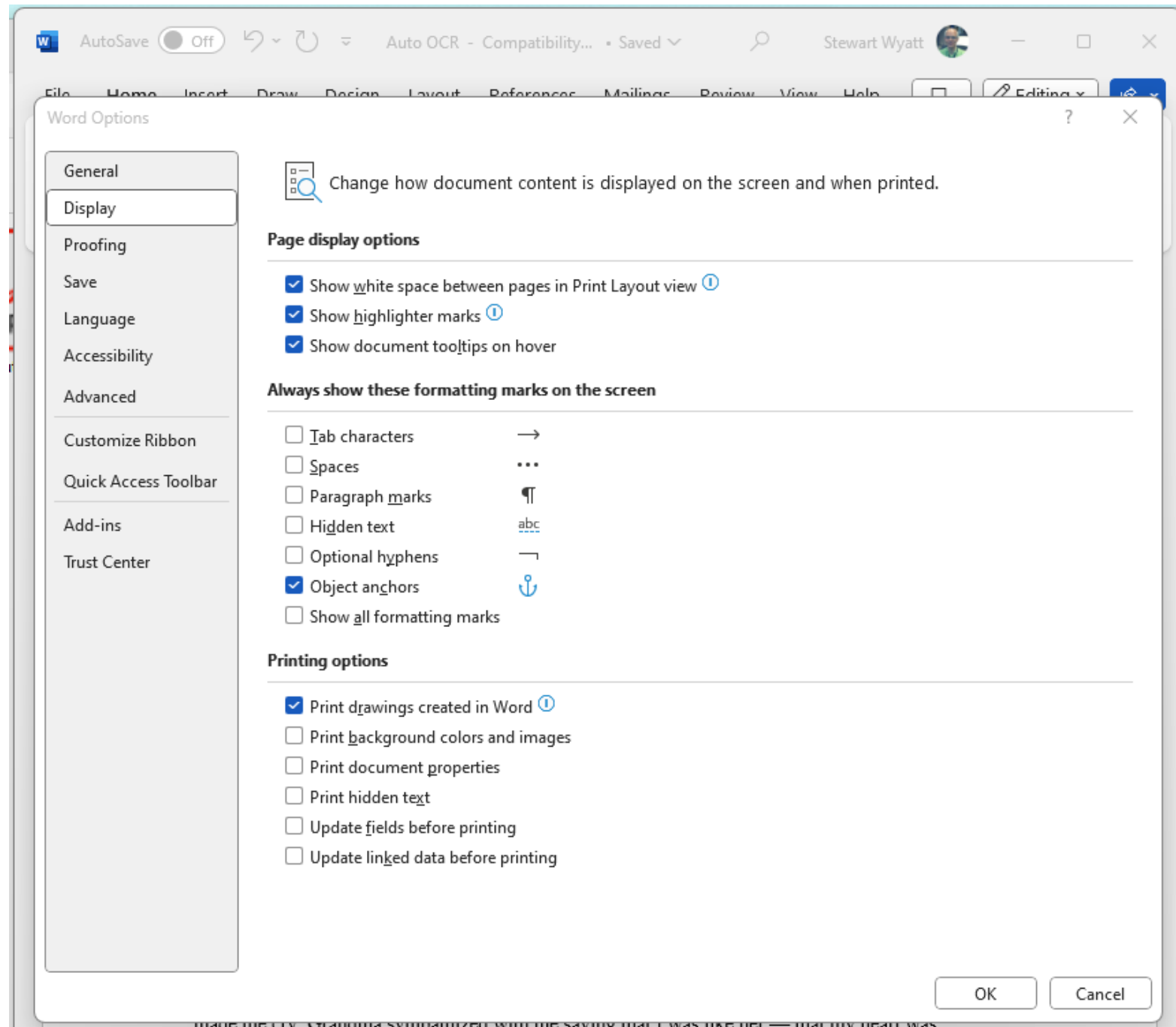
To see the difference I am going to select “File”...



From the File view, select
“Options” at bottom left to
open the Word Options
Window

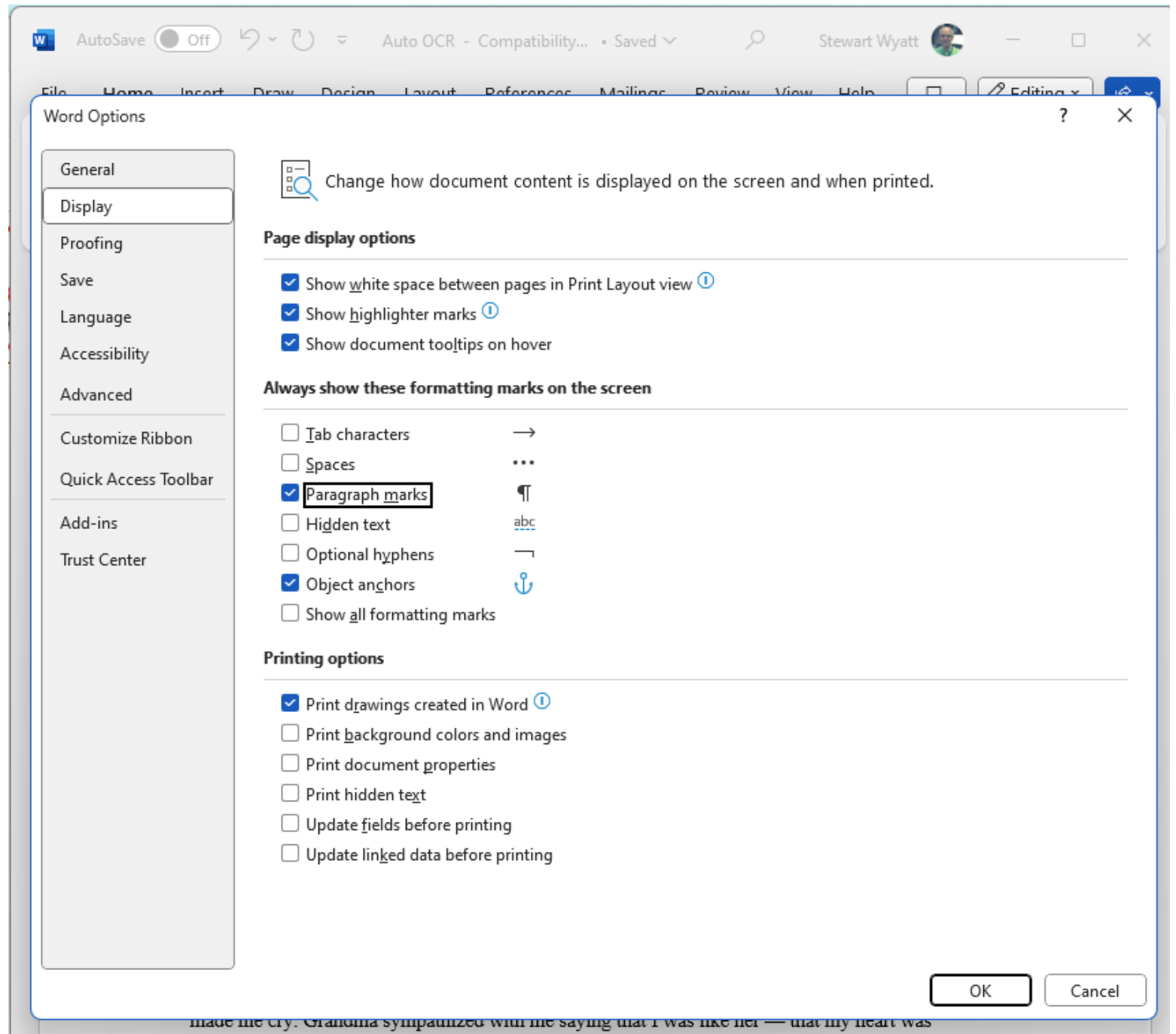


In the Word Options window, Select the “Display” tab on the right and under the “Always show these formatting marks on the screen” select “Paragraph Marks”

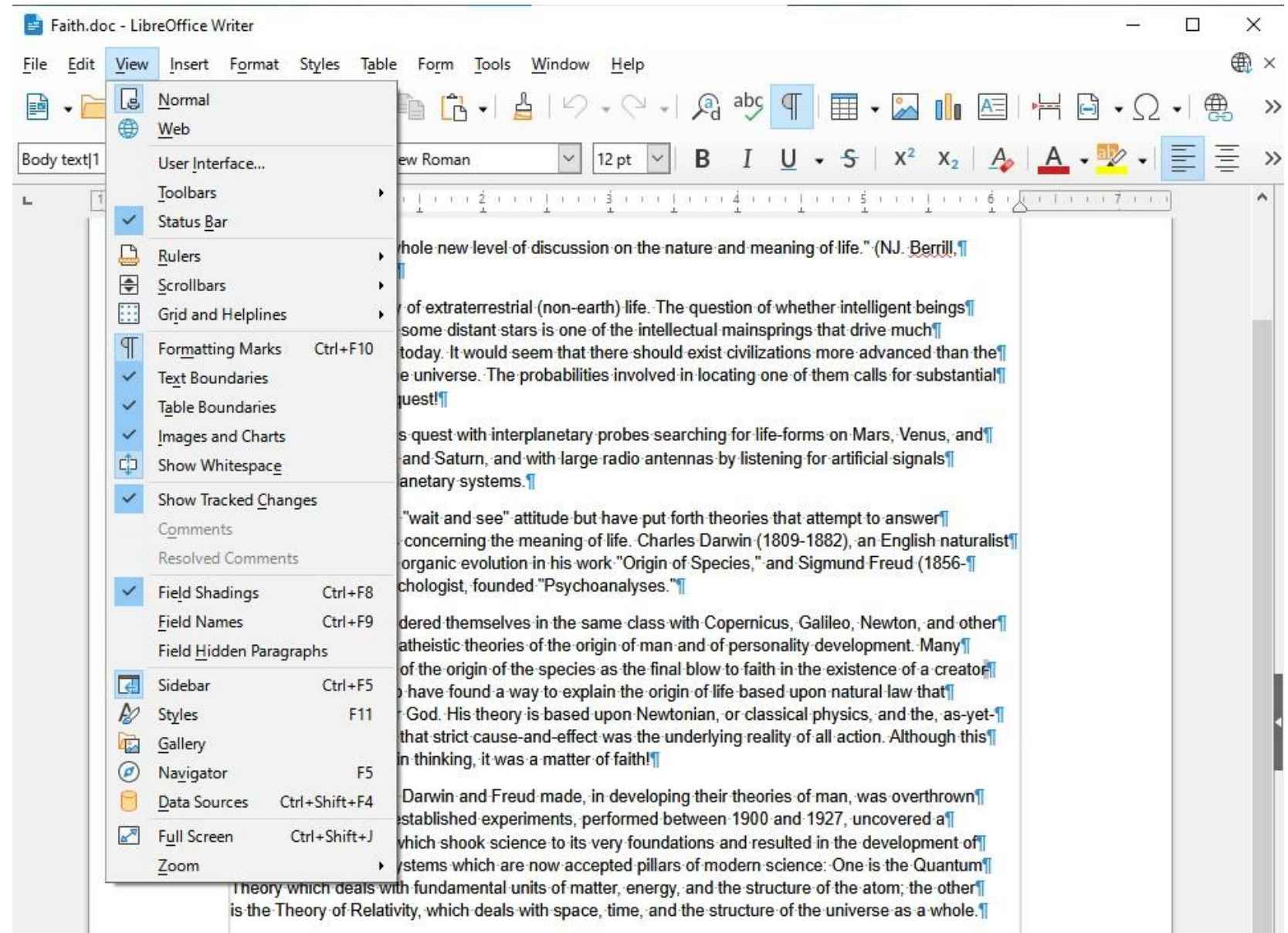


With “Paragraph Marks” selected, choose “OK” and the Word Options Window closes returning you to the text.

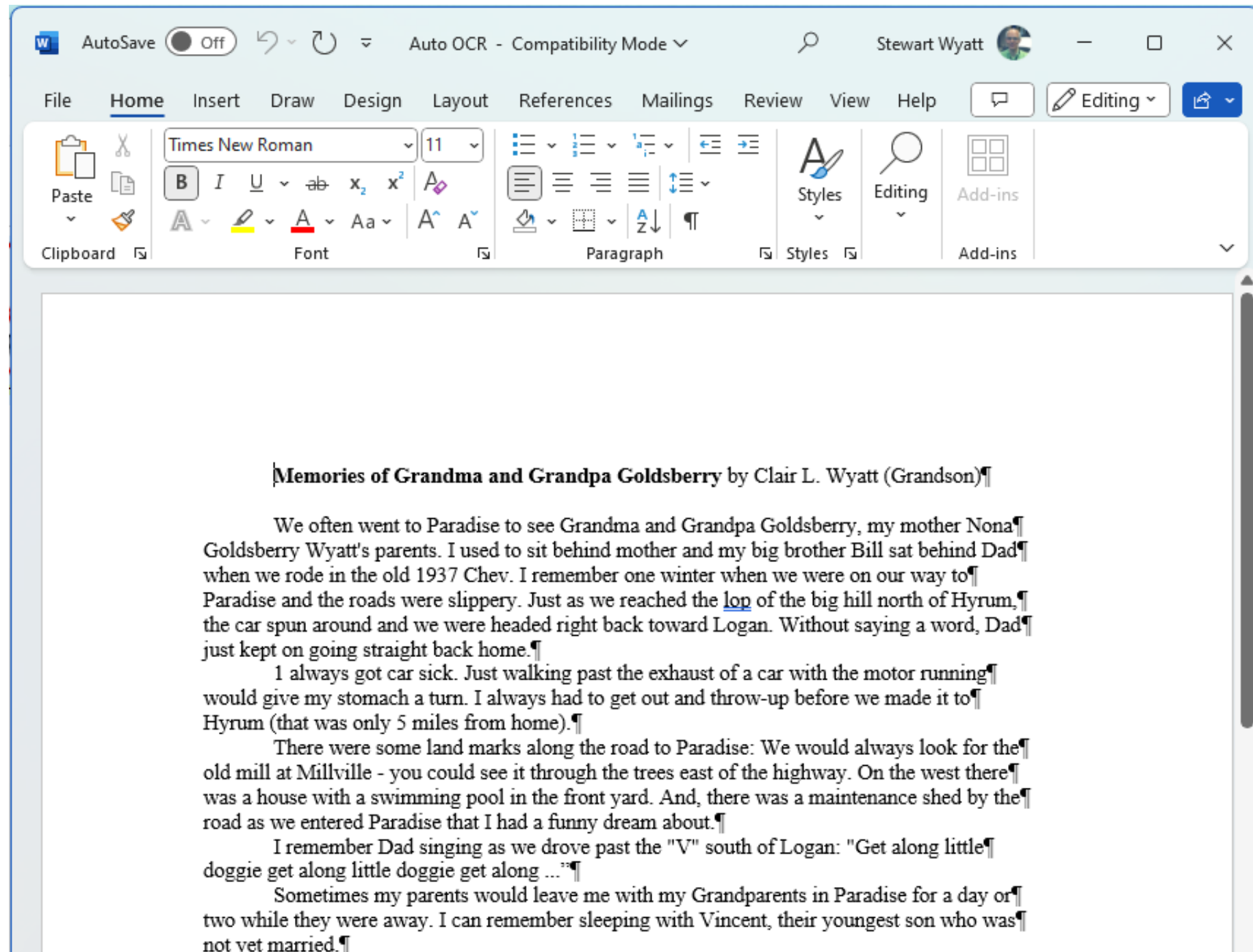
Note that paragraph marks look like a stylized backward P.



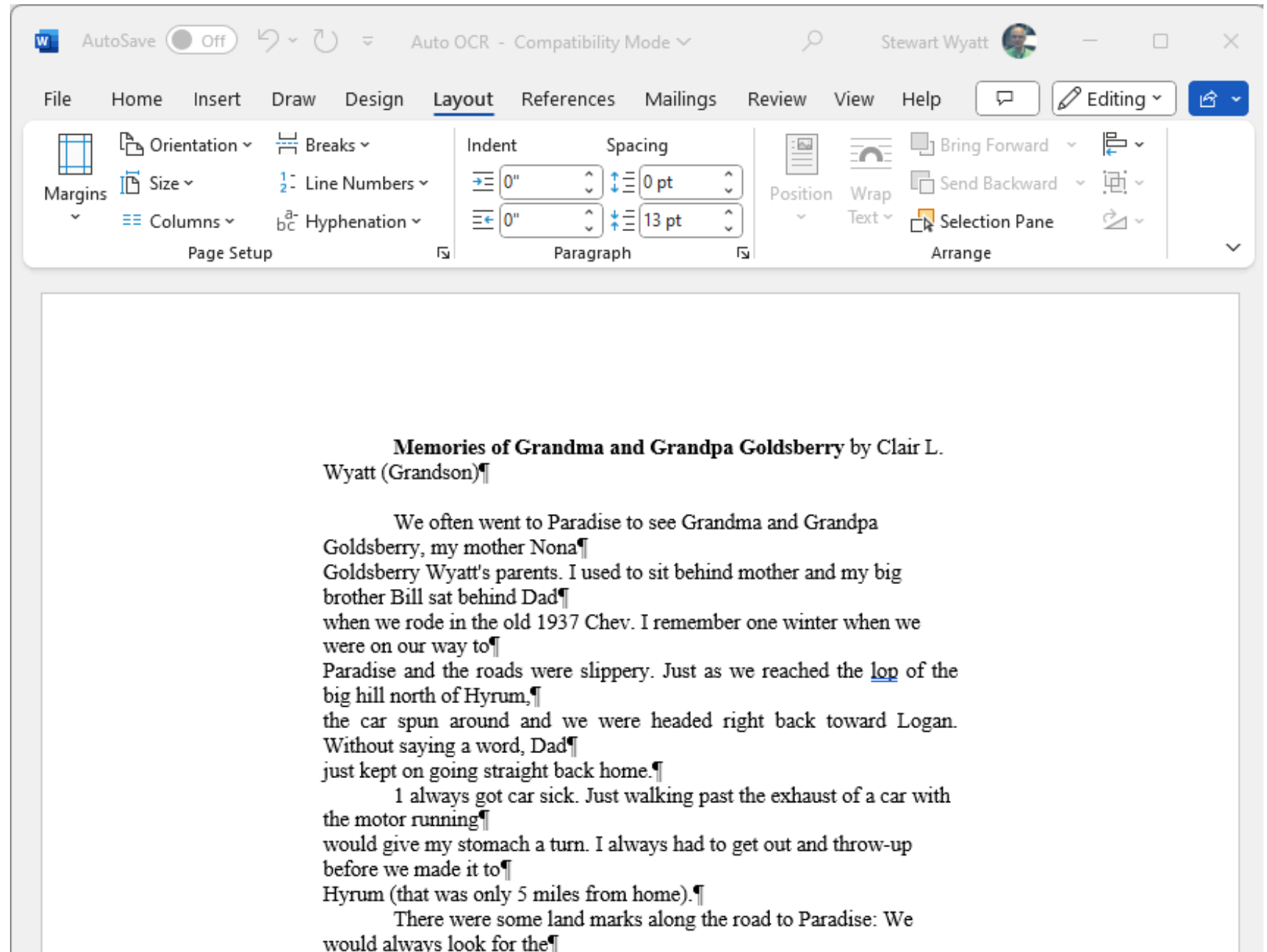
Showing
formatting marks
using the FSC
LibreOffice Writer
word processor.



Now we can see that the CZUR OCR software has inserted a paragraph mark at the end of each line – essentially every scanned line is an independent paragraph.

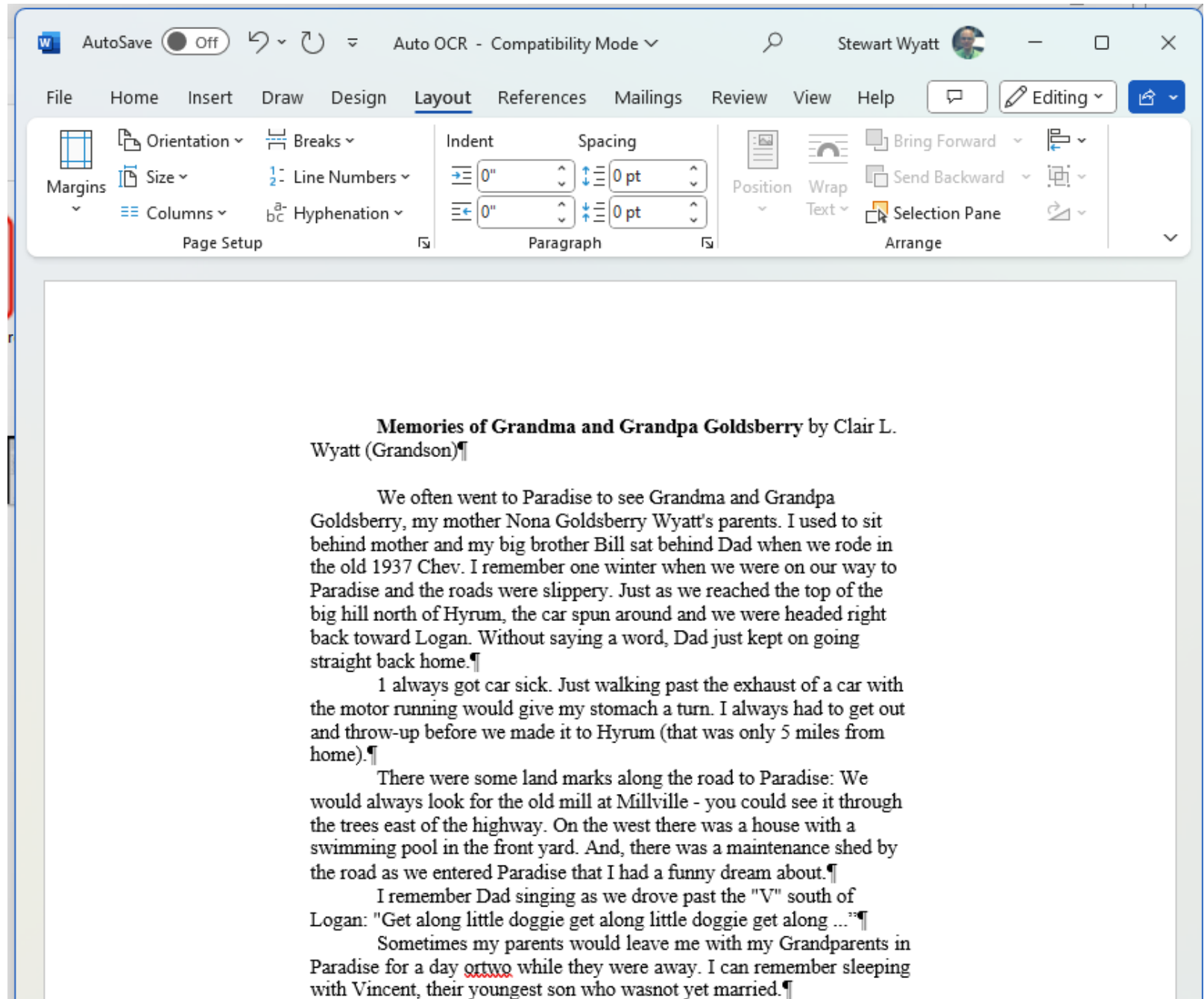


When I change the margins, I would like to see Word maintain the original paragraph formatting, but it can't because the OCR software inserted a paragraph mark at the end of each line so each line is a paragraph by itself.



To fix the problem, I had to manually delete the unwanted paragraph marks. This is the same as deleting any other character in the word processor.

It is easier to do with paragraph marks displayed



OCR Comments

If you need a machine readable text file, you can create one yourself by typing in the original document into a word processor. Using OCR software is much faster as long as it works reasonably well. Aside from the CZUR Aura book copier, the HP Scanjet G3310 at station 5 supports OCR operations. They appear pretty similar in the OCR capability.

You can take the OCR document as is, and it will look fine until you edit it, and you discover the extraneous paragraph marks by way of terrible formatting. However it is usually easier to remove the paragraph marks than to retype a document.

Where OCR software can have a serious problems is on faded or damaged documents. Typed (rather than printed) documents are harder to OCR. The OCR software is not near as capable as a human at discerning text from background marks or inferring what a character is from the context of the text. OCR may confuse 1, l, I, ! (the second character is a lower case L while the third character is an upper case I), 0 O (zero and capitol O) and many other similar characters. Reading an OCR document into a word processor with a spell check will find many of the errors.