### Recovering Deleted and Damaged Files (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 03

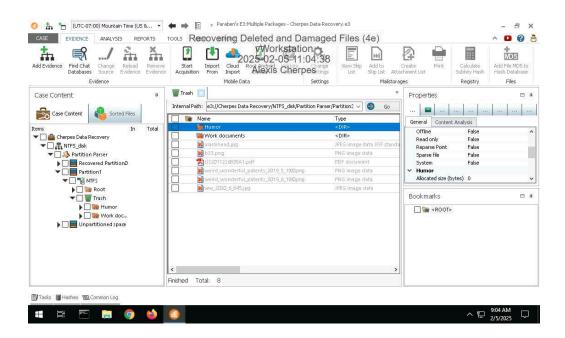
Student:	Email:
Alexis Cherpes	cherpea@ferris.edu
Time on Task:	Progress:
3 hours, 33 minutes	100%

Report Generated: Thursday, May 22, 2025 at 4:47 PM

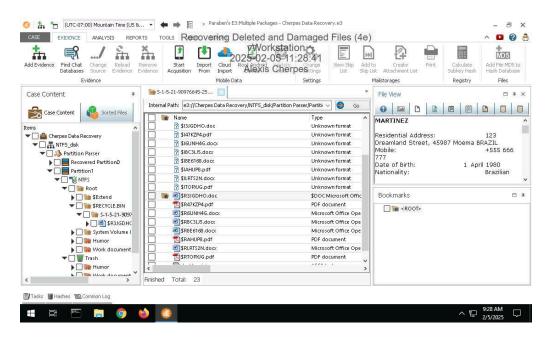
## **Section 1: Hands-On Demonstration**

### Part 1: Recover Deleted Files from an NTFS Drive Image with E3

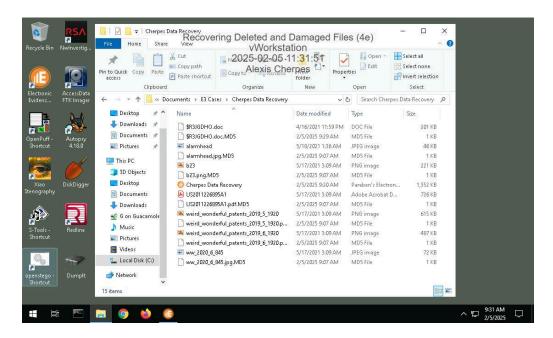
13. Make a screen capture showing the list of recovered files and folders in the E3 Trash folder.



20. Make a screen capture showing the patent file in the File Viewer.

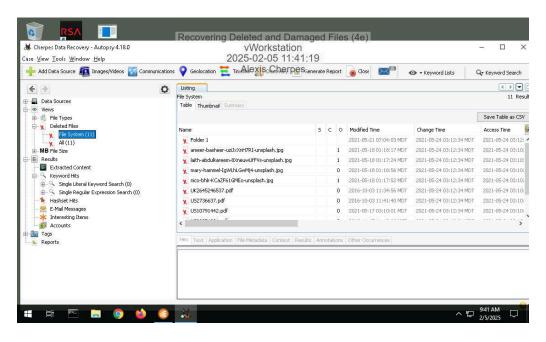


25. Make a screen capture showing the recovered files in the File Explorer.

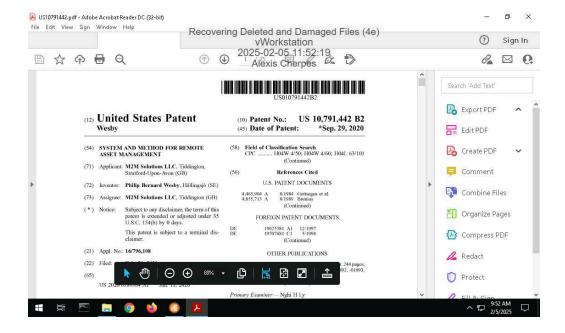


Part 2: Recover Deleted Files from an Ext4 Drive Image with Autopsy

14. Make a screen capture showing the contents of the list of deleted files in Autopsy.



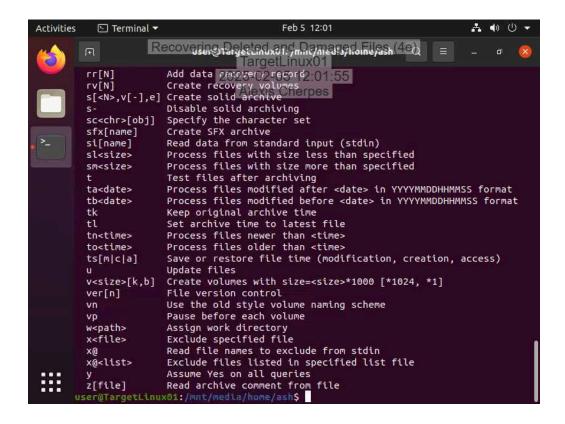
22. Make a screen capture showing the recovered patent file.



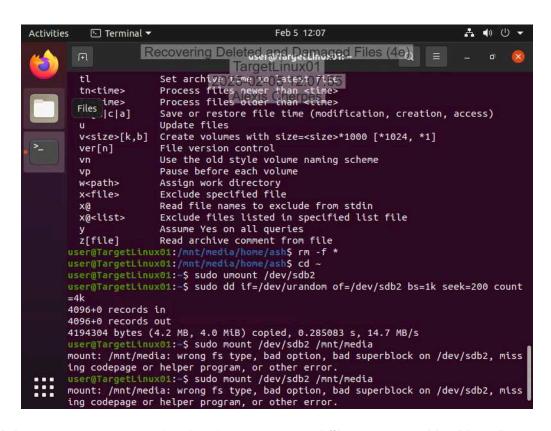
# **Section 2: Applied Learning**

#### Part 1: Recover Deleted Files in Linux with PhotoRec

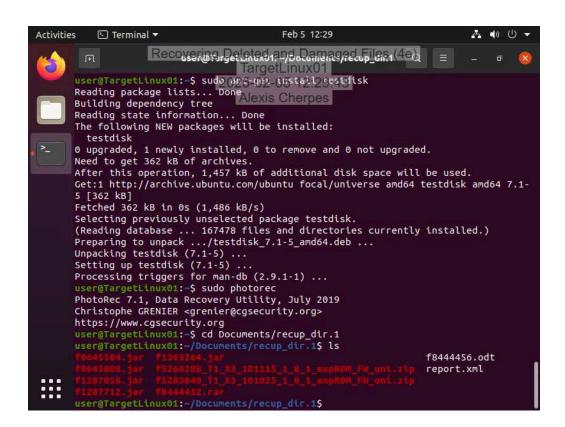
9. Make a screen capture showing the contents of the RAR archive in the /mnt/media/home/ash directory.



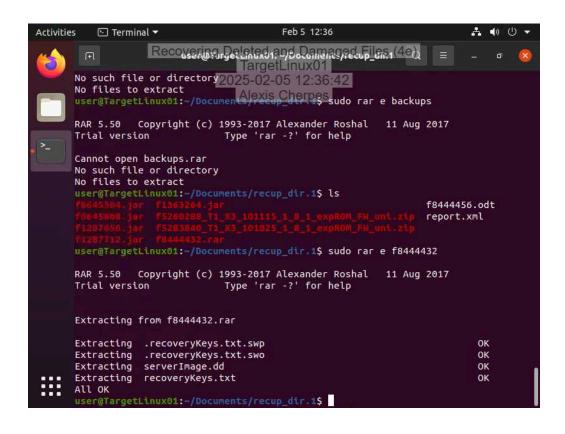
15. Make a screen capture showing the failed mount attempt on the /dev/sdb2 device.



32. Make a screen capture showing the compressed files recovered by PhotoRec.



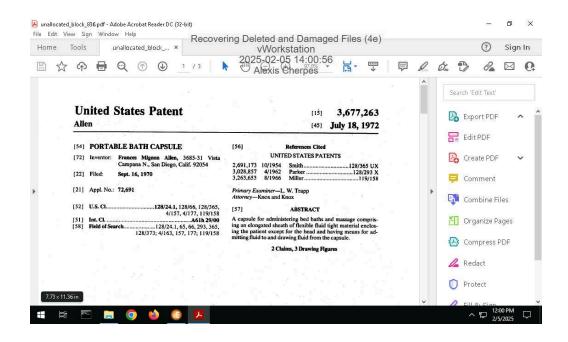
35. Make a screen capture showing the backup files recovered from the RAR archive.



# **Section 3: Challenge and Analysis**

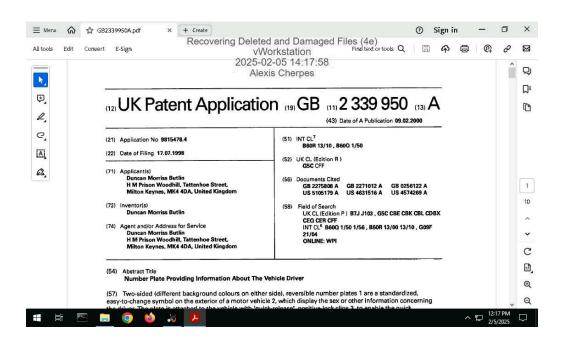
#### Part 1: Recover Deleted Files from a FAT Drive Image

Make a screen capture showing the patent file recovered from the FAT32 drive image within E3.



## Part 2: Recover Deleted Files from a APFS Drive Image

Make a screen capture showing the patent file recovered from the APFS drive image within Autopsy.



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