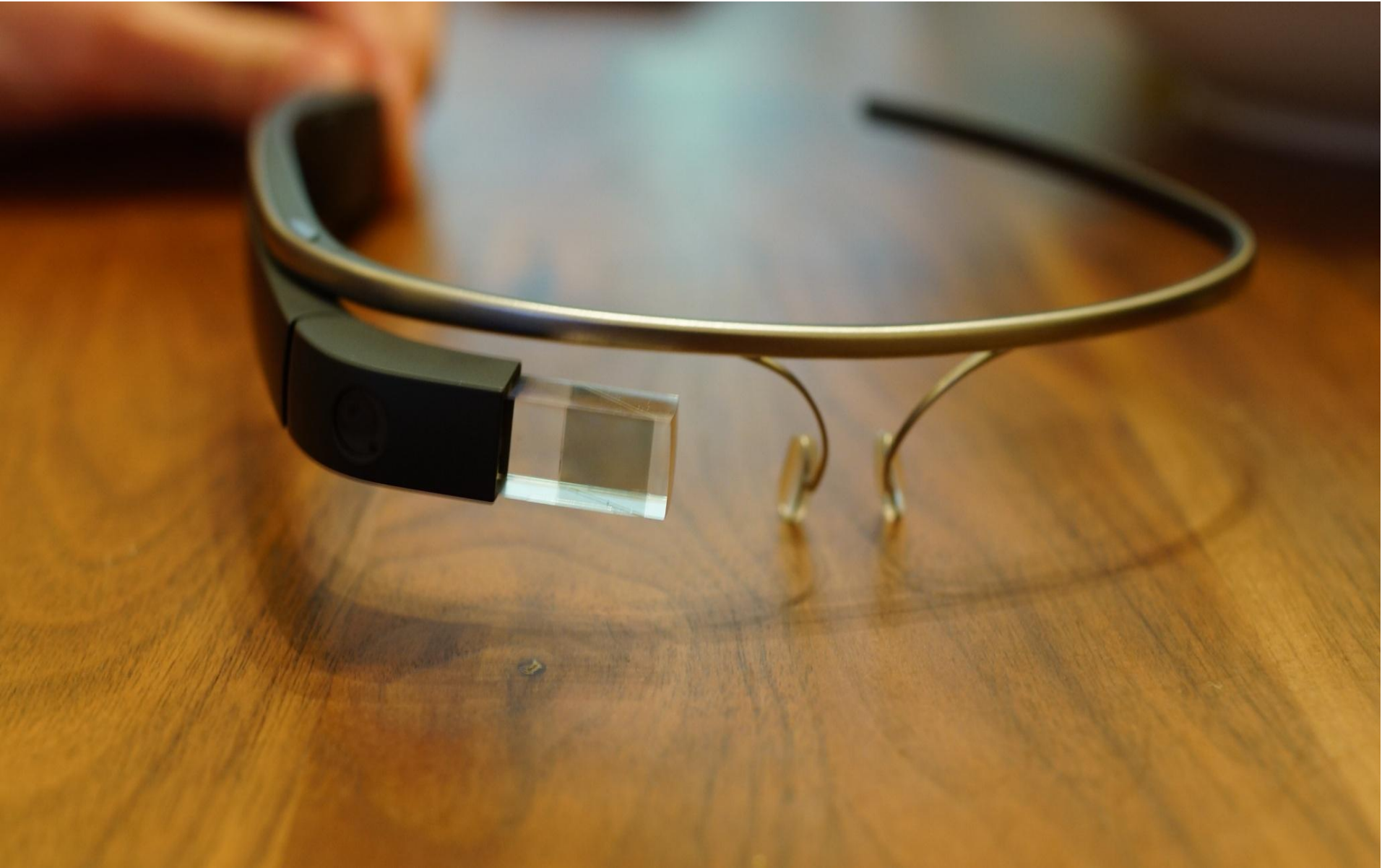


# Genealogy Glass

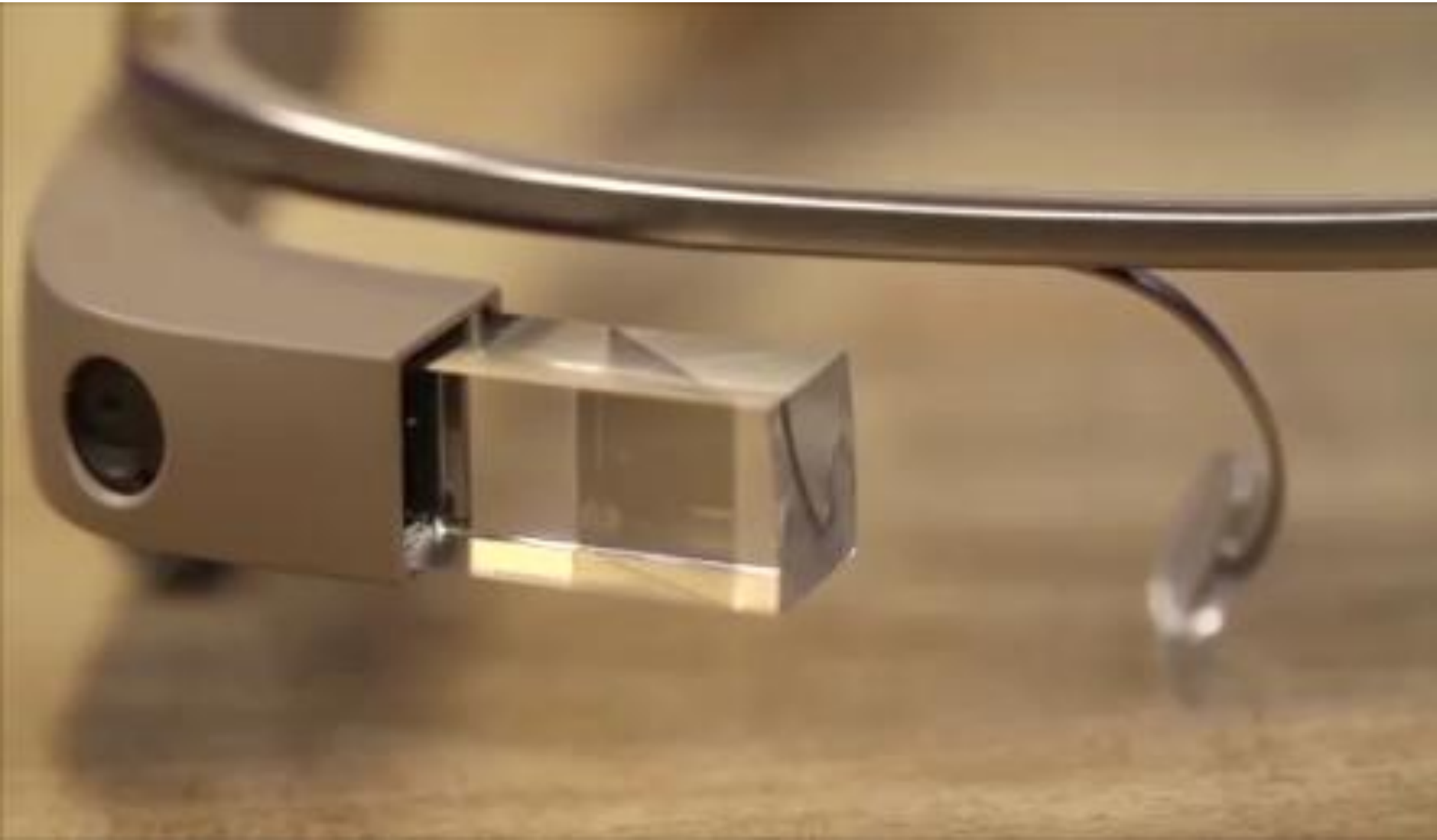
## An Image Capture Application For The Google Glass Framework

Oliver Nina (UCF), Roger Pack (FS)

# Google Glass



# Google Glass



# Google Glass

- video

# Google Glass

- Wearable Computing
  - 640×360 prism display
  - 5-megapixel camera, capable of 720p video recording
  - 12GB local storage
  - Wi-Fi, bluetooth
  - Gyroscope, accelerometer (nod gestures)
  - GPS
  - Mic, audio to ear, voice recognition/commands
  - Hands free/touch gestures
  - SDK

# Google Glass

- listen to
  - take a note
  - post an update
  - show a compass
  - start a run
  - start a bike ride
  - find a recipe
  - record a recipe
  - check me in
  - start a stopwatch
  - start a timer
  - start a round of golf
  - translate this
  - learn a song
  - tune an instrument
  - play a game
  - start a workout
- Recipes
  - Directions
  - Facebook
  - Sleep detection

# Google Glass + Genealogy

- Your ideas?

# Genealogy Glass

- Video demo



genealogyglass2.mp4



# Genealogy Glass

ok glass, take a note...  
start a timer

record document

listen to...

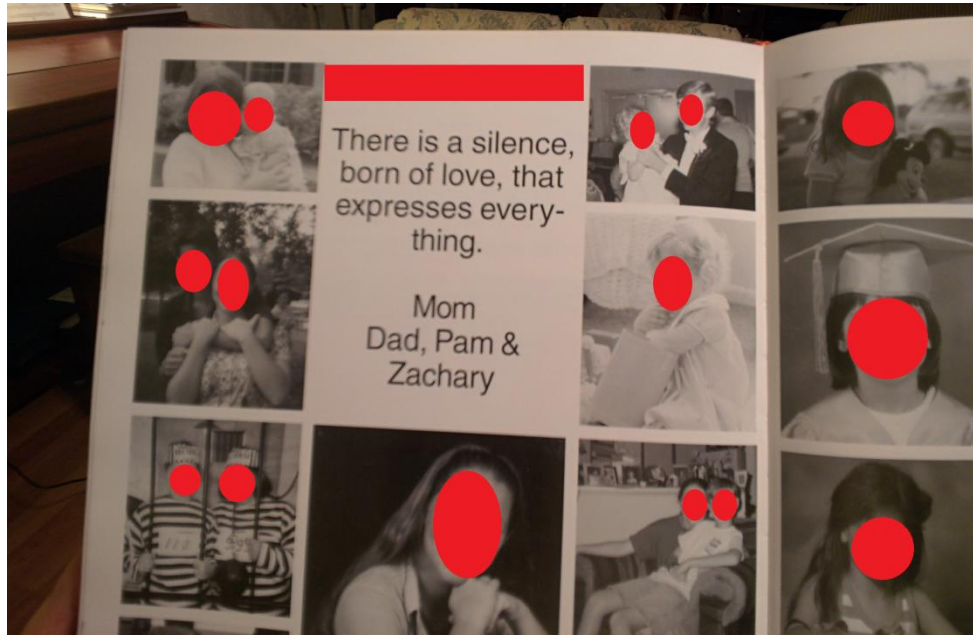
show a compass

translate this

# Genealogy Glass

- image is saved in the Glass device and is automatically uploaded to a server
- Server saves a copy, OCR's it [tesseract], displays it to user

# Results



## Genealogy Glass

[COLLECTIONS](#) / [INDEXING](#) / [PROFILE](#) / [SETTINGS](#) /

### CENSUS RECORDS

1. 20140122\_225626\_486.jpg



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# Limitations

- Dешake?
- No optical zoom
- Cost, battery



# Other possible applications

- Yearbook scanning
- Anything you can think of?
  - Email us!
- Questions?
  
- Links:
- <http://www.google.com/glass>
- <https://github.com/olivernina/gapp>