



Sponsored by LightShine Church and NPHS



PHOTOGRAPHY PHOLKS



lights^{hine}
church



Matthew 5:16

Let your **light shine** before men in such a way that they may see your good works, and glorify your Father who is in heaven

Where our name comes from



Motto:

Gather Well, Scatter Better



LIGHTSHINE-WALNUT ELEMENTARY PARTNERSHIP

**GATHER WELL
SCATTER BETTER**



After School Tutoring



Lunch for Walnut Staff



Action Serve Day



Action Serve Day




Action Serve Day








Other Services We Provide

- Hundreds of Box Tops and Labels for Education
 - Learning games and tools for tutoring program
 - Art Supplies for Art Specialist Teacher
 - Volunteers for End of Year Bash
 - Lots of copy paper and Kleenex
- 




Other Projects

- Partnership with Homeboy Industries (organization for gang member rehabilitation)
 - Partnership with the Lily Project (cervical cancer prevention and care in Nicaragua)
 - Partnership with Lutheran Social Services
 - Partnered with Glenwood Elementary
 - Supports Young Life of Conejo Valley
 - Small groups
- 




Objectives of this Small Group

- Demonstrate photographic **technical** skills by masterfully using camera functions (you do the thinking, not the camera doing it for you)
 - Create dynamic compositions by applying the guidelines of photography **composition**
 - **Connect photos with scripture** for some of the images produced (optional)
 - **Enjoy one another's company**
- 



Editing

- Post Production Editing will be taught to those requesting it if time allows
 - You can edit on a program you are comfortable with at home
 - Photoshop CC, Photoshop Elements, Picasa, or basic Mac or Windows photo editing programs, etc.
 - In-depth Photoshop class: Conejo Valley Adult Education is recommended
- 



I keep it simple...

- One Technical focus each week
 - One Composition focus each week
- 

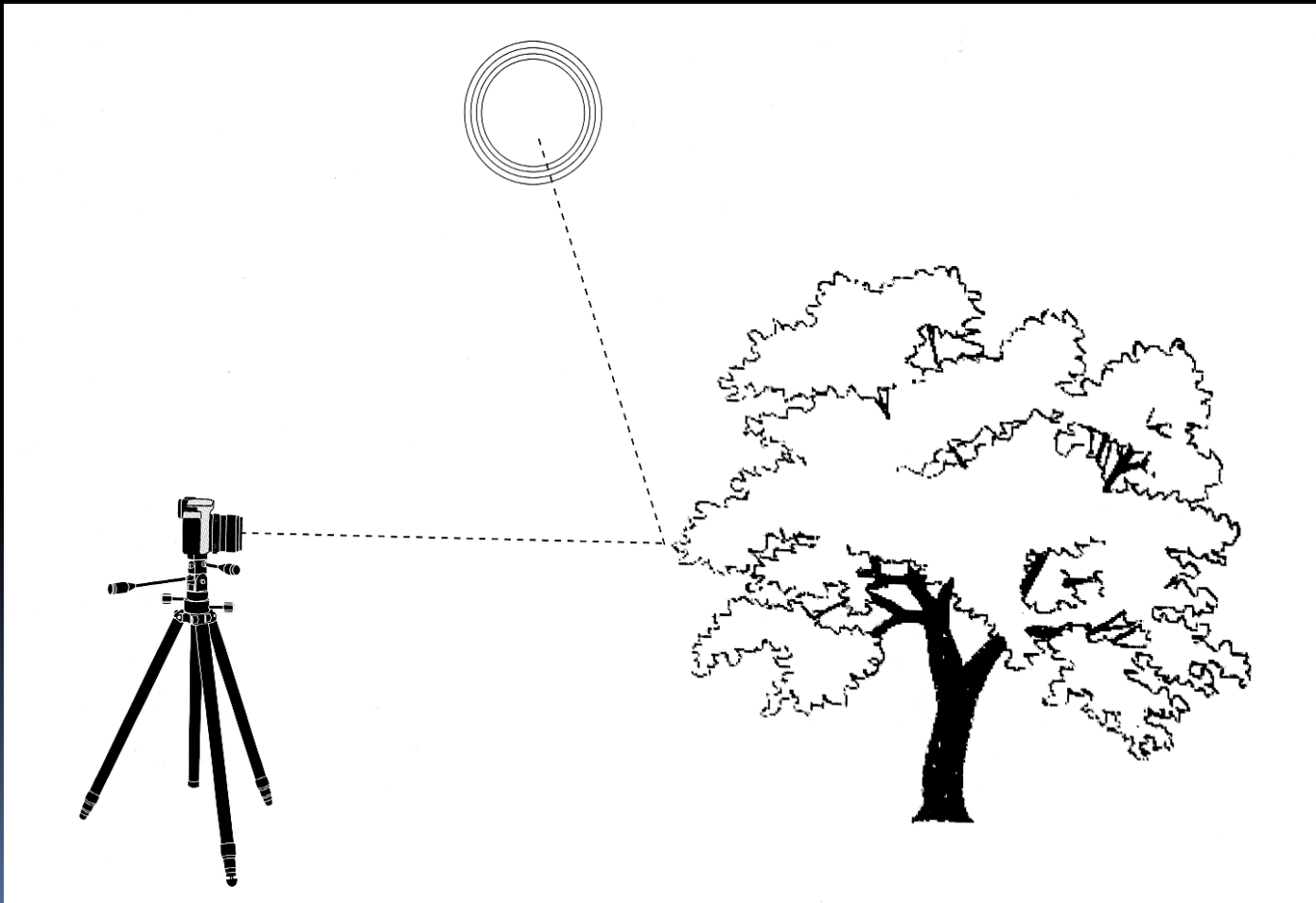


Technical Lesson One:

WHAT IS A PHOTOGRAPH?

Photography – Greek

photo = light
graphy = writing





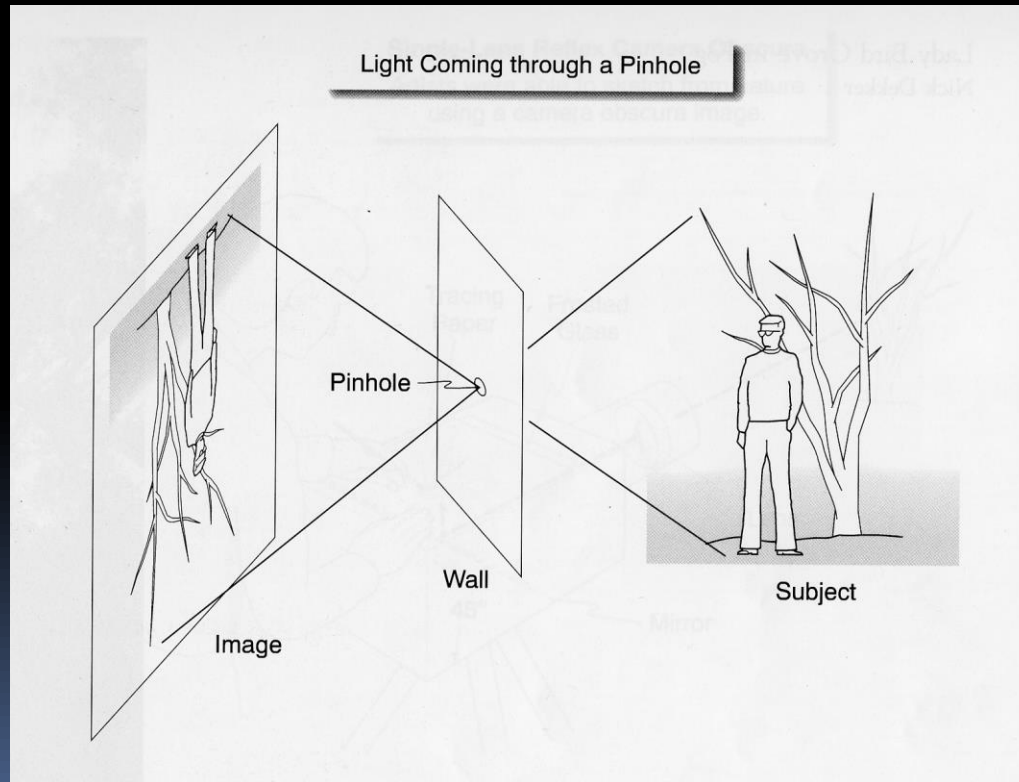
HISTORY OF PHOTOGRAPHY



The short version

Camera Obscura

- Camera – “room”
- Obscura – “dark”
- Inverse square law

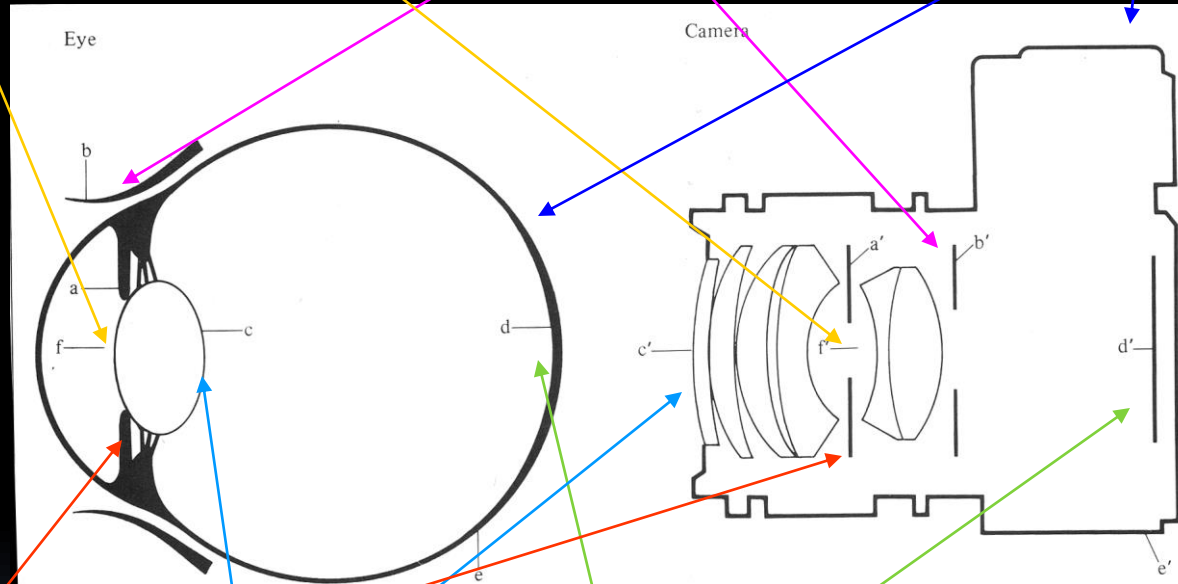


The Camera/Eye Comparison

Aperture =
Pupil

Shutter =
Eyelashes

Camera body =
Eyeball

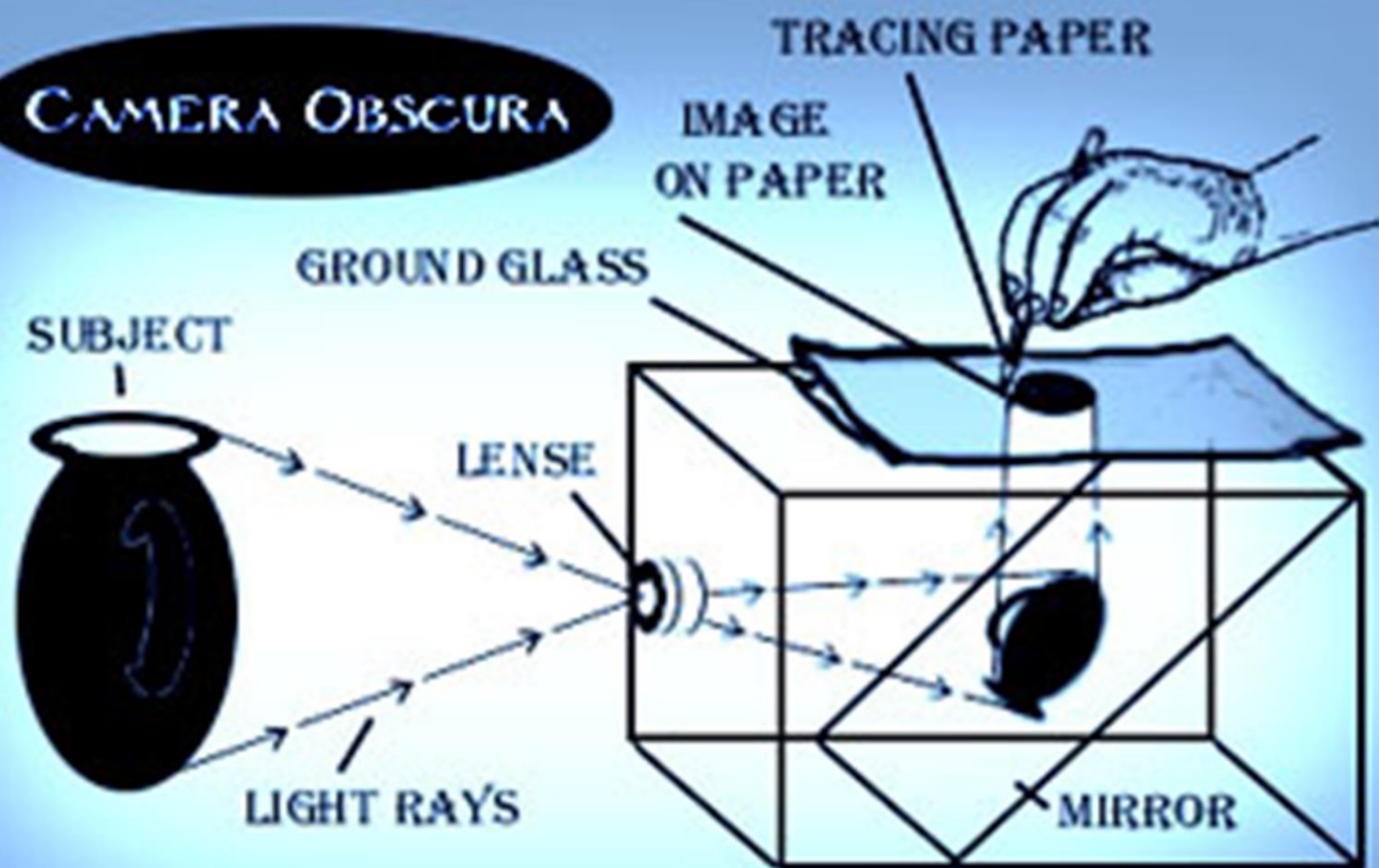


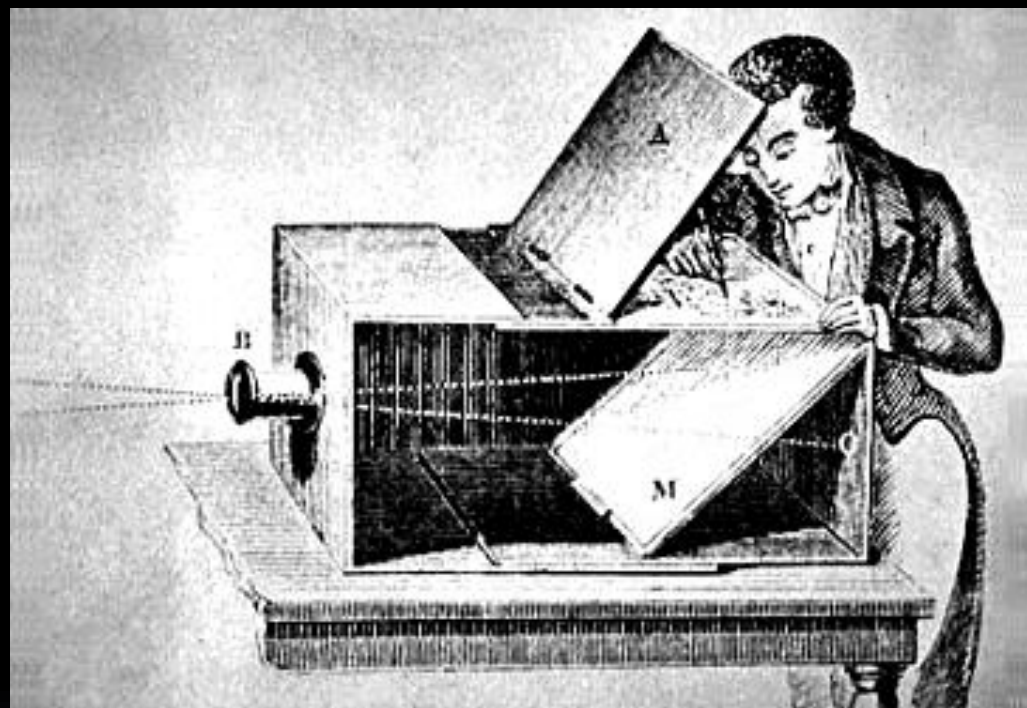
Iris diaphragm =
Iris

Lens

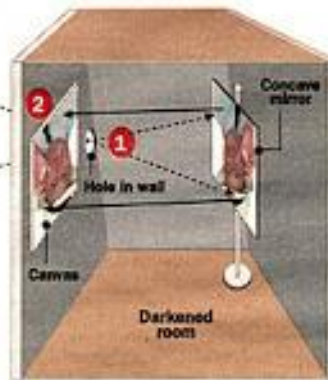
Film =
Light sensitive
retina

CAMERA OBSCURA





How the Camera Obscura Works



1. In one approach, the image of a subject passes through a small opening in the wall of a darkened room onto a mirror.

2. The image is reflected off the mirror onto a canvas or piece of paper hung on the opposite wall. The image is now traced. Then the canvas can be turned right side up and the work finished from real life.

Photo by Associated Press; Los Angeles Times graphic.



Camera Obscura Paintings

Johannes Vermeer



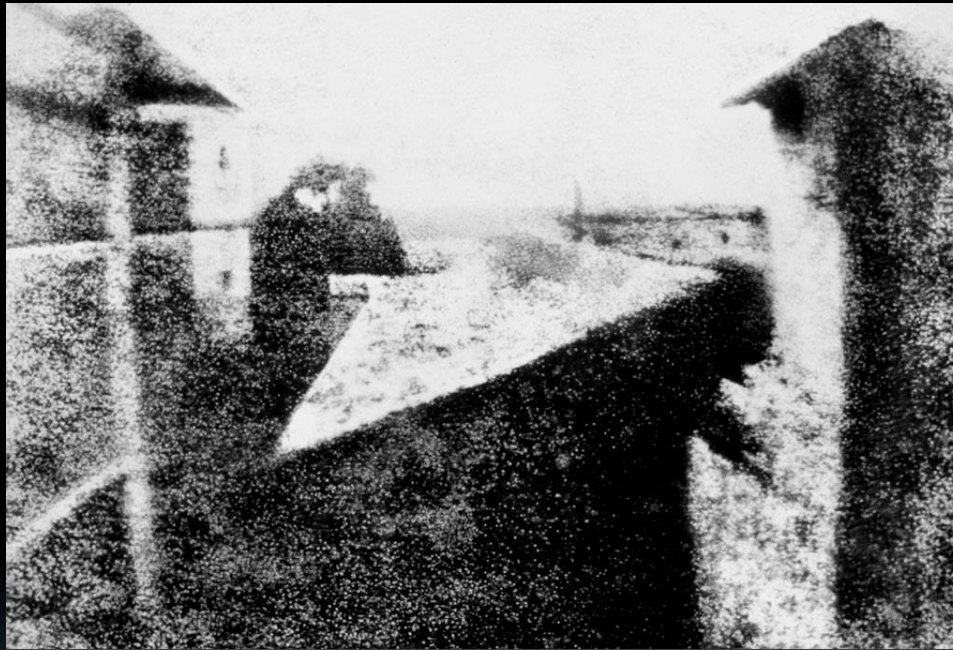


Johann H. Schulze and Carl Wilhelm Scheele



Found out that silver
turned black with light
exposure

World's First Photo



Photograph by Nicéphore Niépce

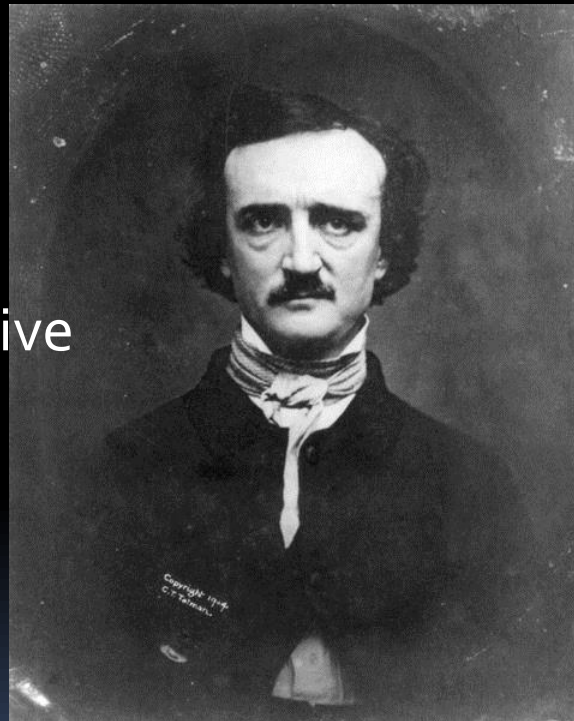
NATIONAL
GEOGRAPHIC

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Joseph Nicephore Niepce, 1827

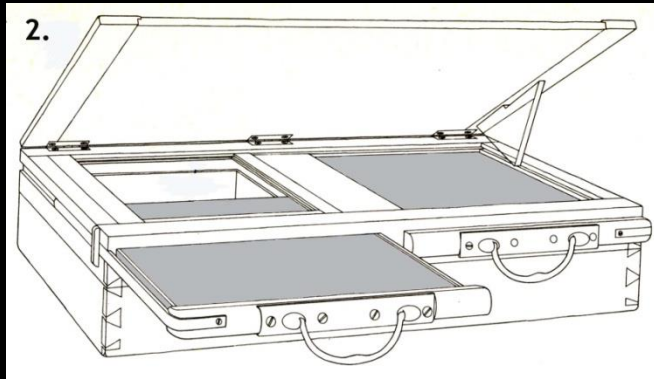
Daguerreotype

- On metal plates
- Great clarity
- Only one copy since there is no negative
- Toxic

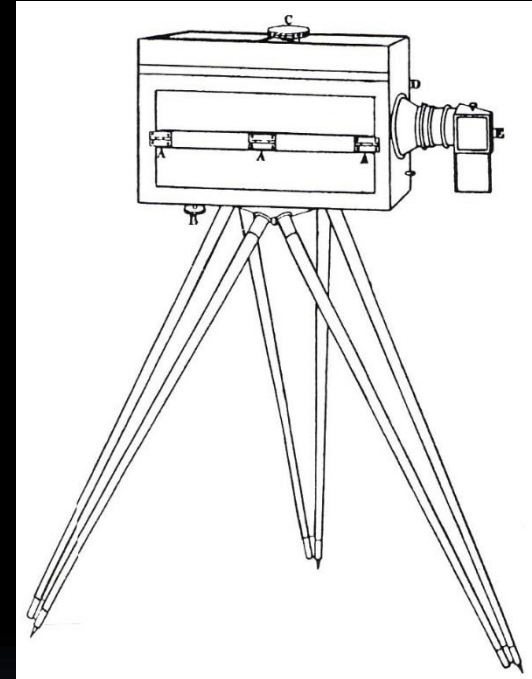




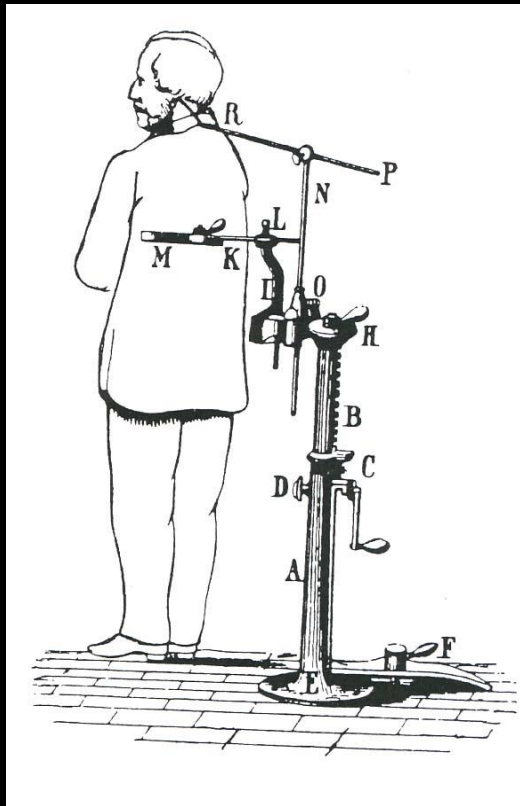
Polishing & Buffing
the Photographic
Plate



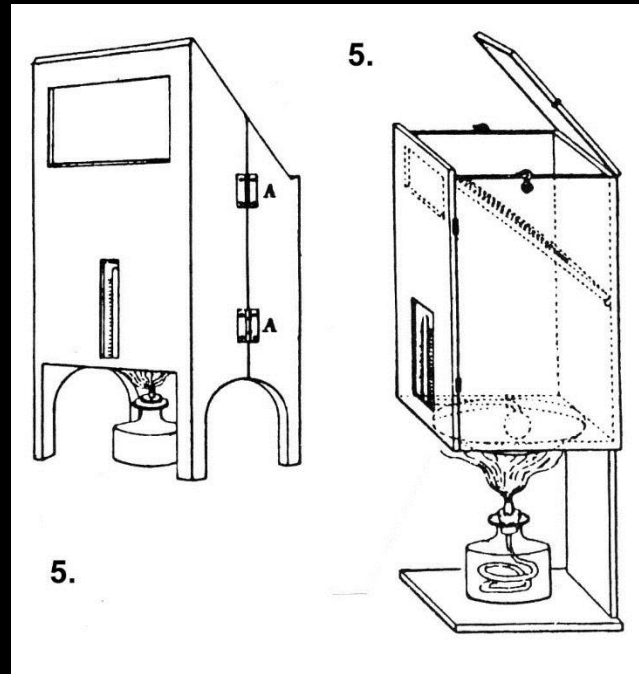
Sensitizing the Photographic Plate
The polished plate is sensitized by
exposing it to iodine and bromine
fumes



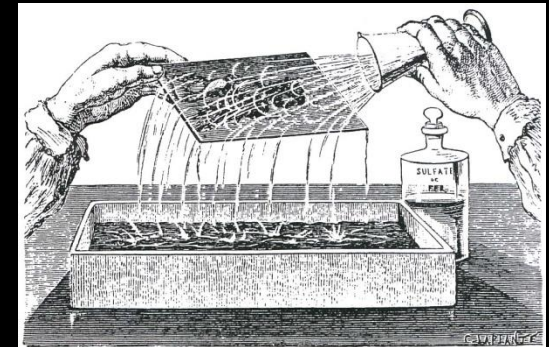
The sensitized plate is inserted
into a light-proof holder with a
protective slide placed inside
the camera



4. Taking the likeness
The subject is place in front
of the camera



5. Developing the Image
The image is "brought out" by
suspending the photographic
plate over a dish of mercury
inside a fuming box.



The photographic image is
made permanent by
bathing the photographic
plate in hyposulphate of
soda

Henry Fox Talbot

Father of Modern Photography



- Develops the use of the negative – Calotype
- Sir John Herschel develops fixer to make image stay

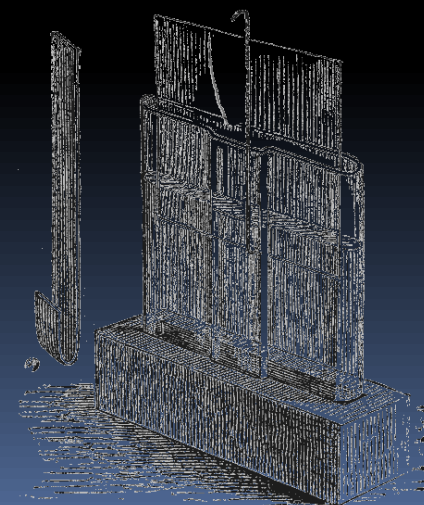
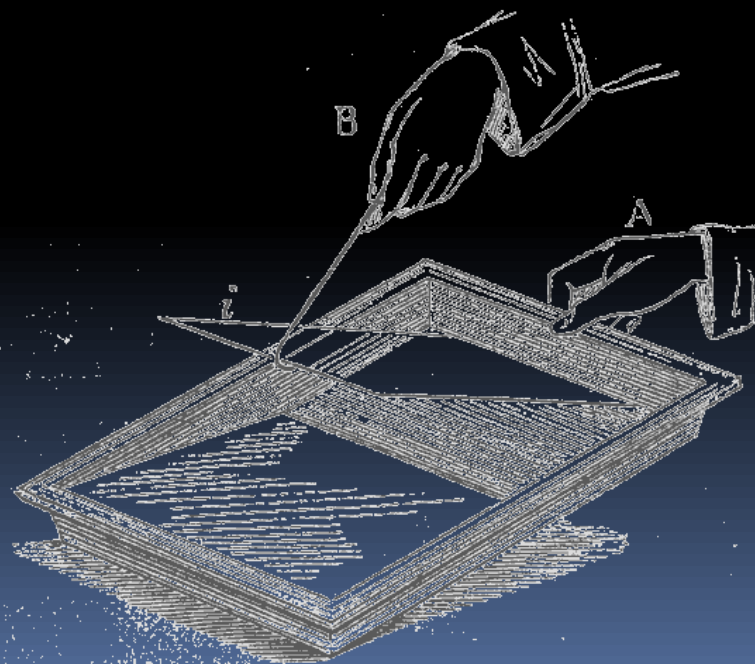
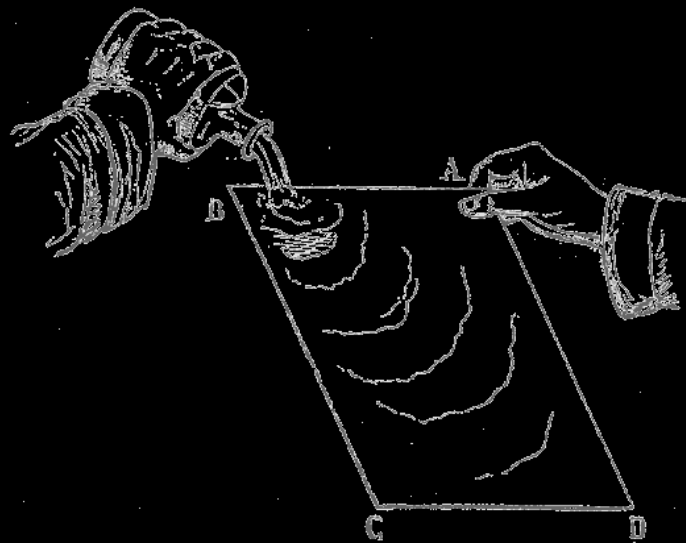
Frederick Scott Archer

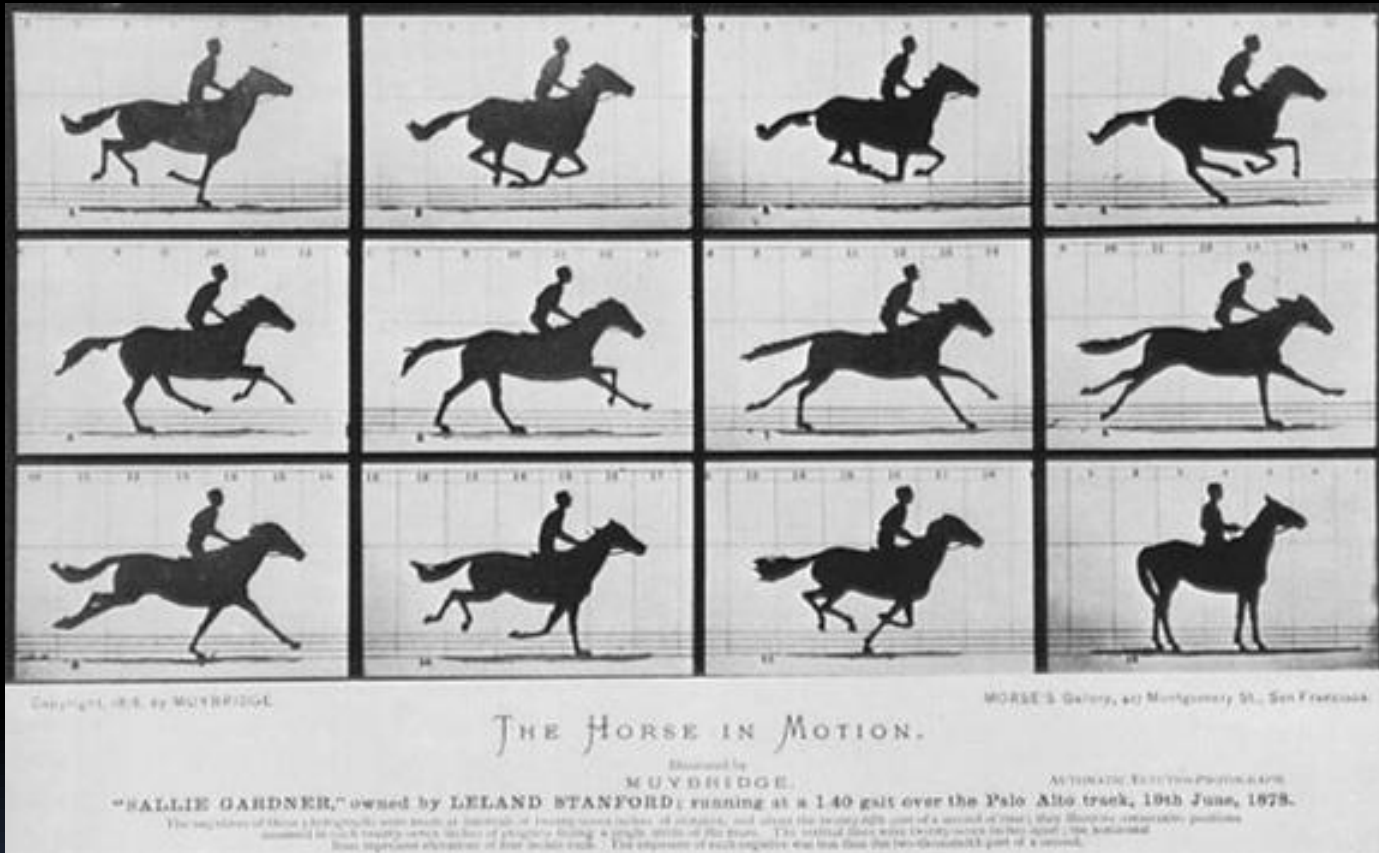
Glass Plate Negatives



Much more refined images
Wet plate process







<http://vimeo.com/8344697>

Eadweard Muybridge



Thomas Edison

Roll Film and George Eastman





Just a little...



SOCIAL HISTORY

Early Landscape Photographers Influence in Creating and Preserving National Parks and Wilderness



Timothy O'Sullivan



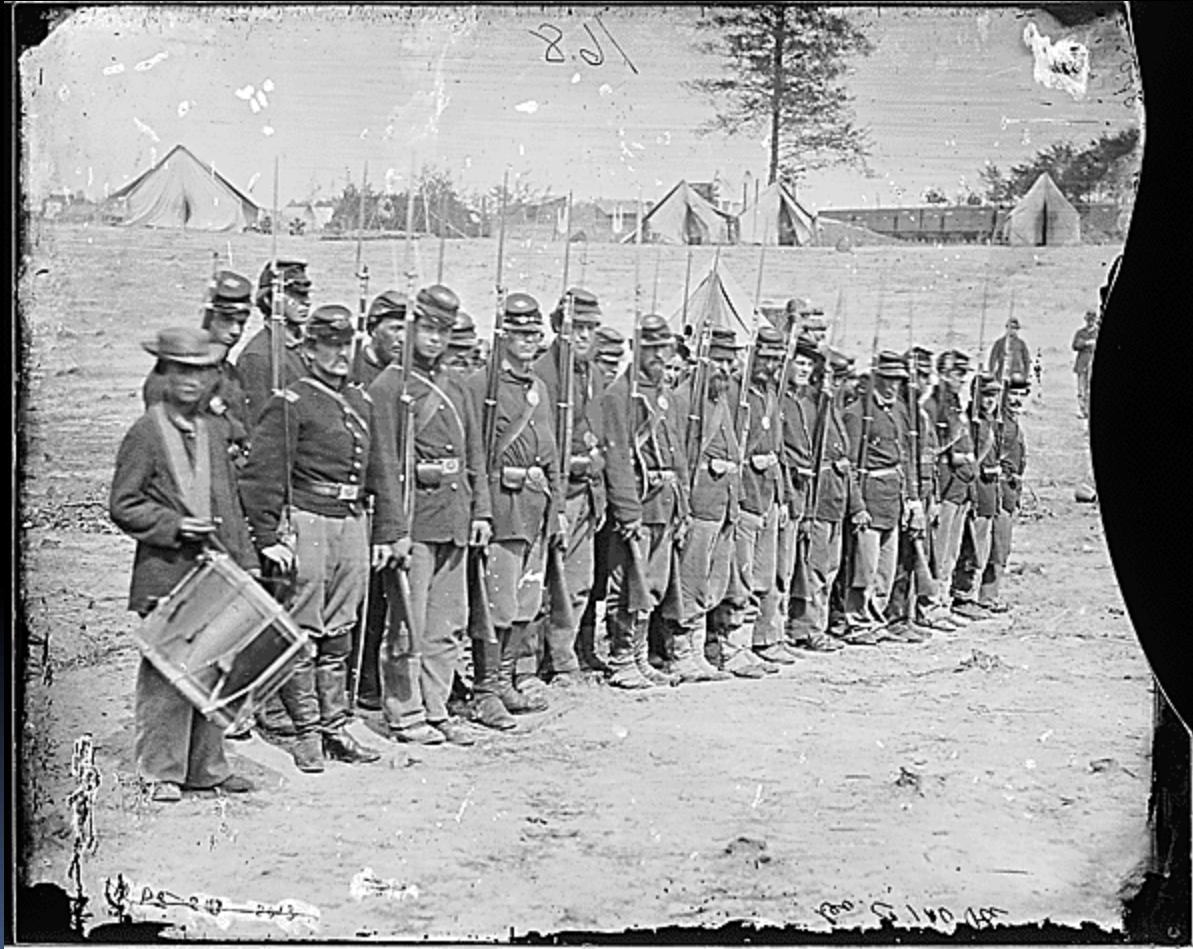
Carlton Watkins



Ansel Adams

(and others...)

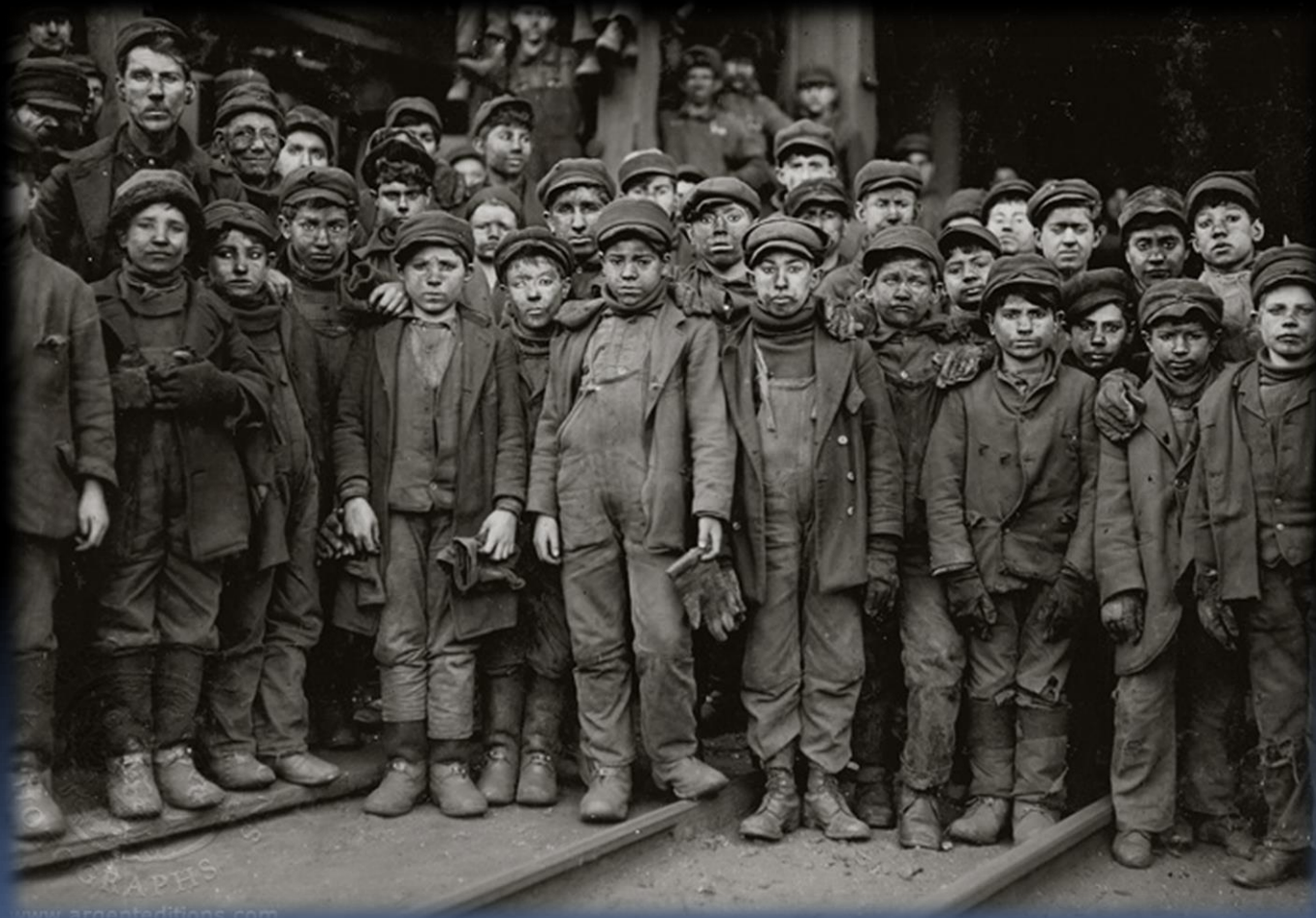
Mathew Brady



Mathew Brady



Lewis Hine

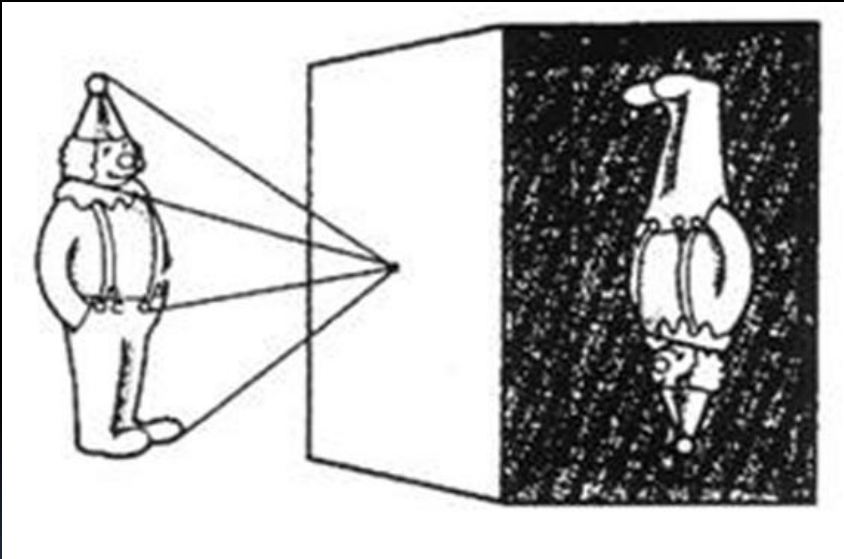


Lewis Hine



Photography at it's simplest

- Hole
- Dark room
- Light sensitive surface to capture image (today that surface is film or CCD (charged coupled device))



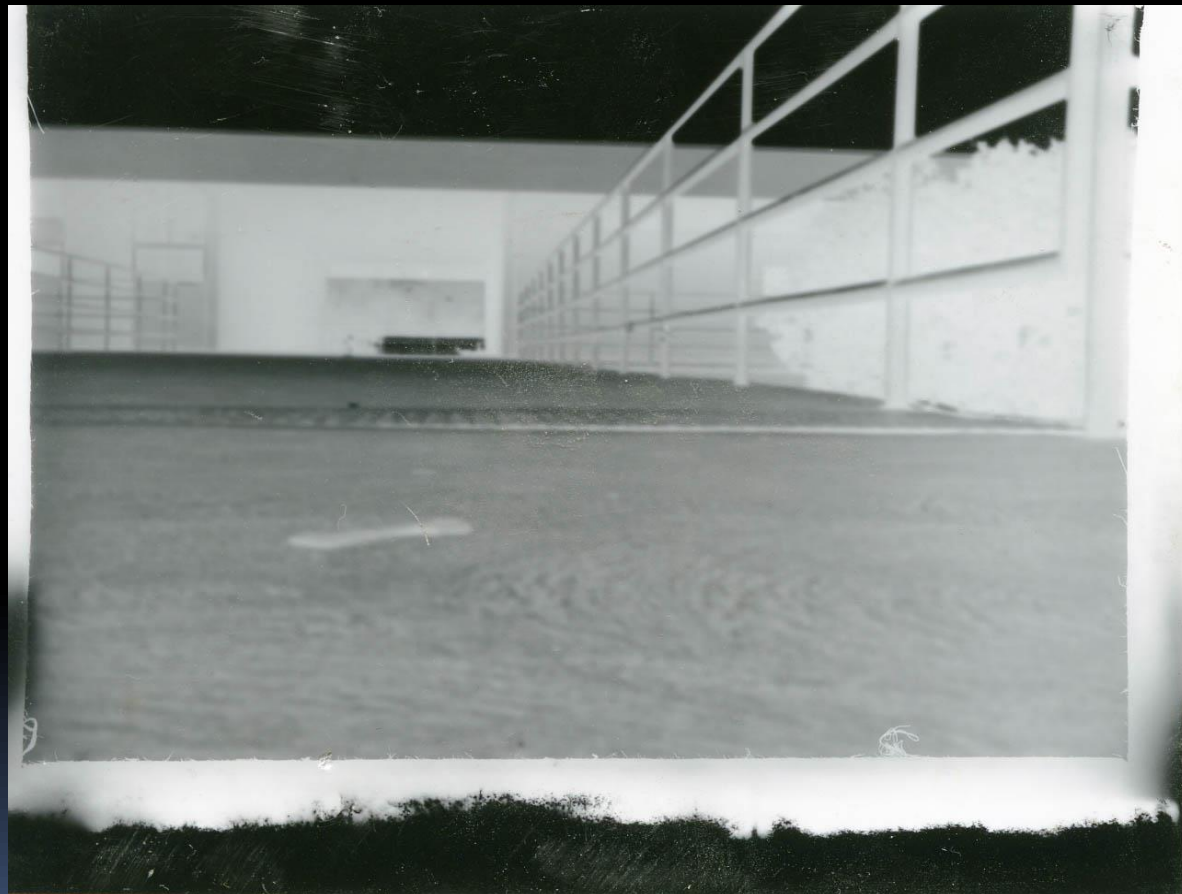
Pinhole Camera



Pinhole Image



Pinhole Original



Pinhole Inverted in Photoshop



World's Largest Photo



Pinhole Camera



Compositional Goal for the Course

THE WORD AND THE PHOTO



Blessed are the pure in heart, for they shall see God.

Matthew 5:8

*I tell you the truth, unless a kernel of wheat falls to the ground and dies,
it remains only a single seed. But if it dies, it produces many seeds. (John 12: 24)*



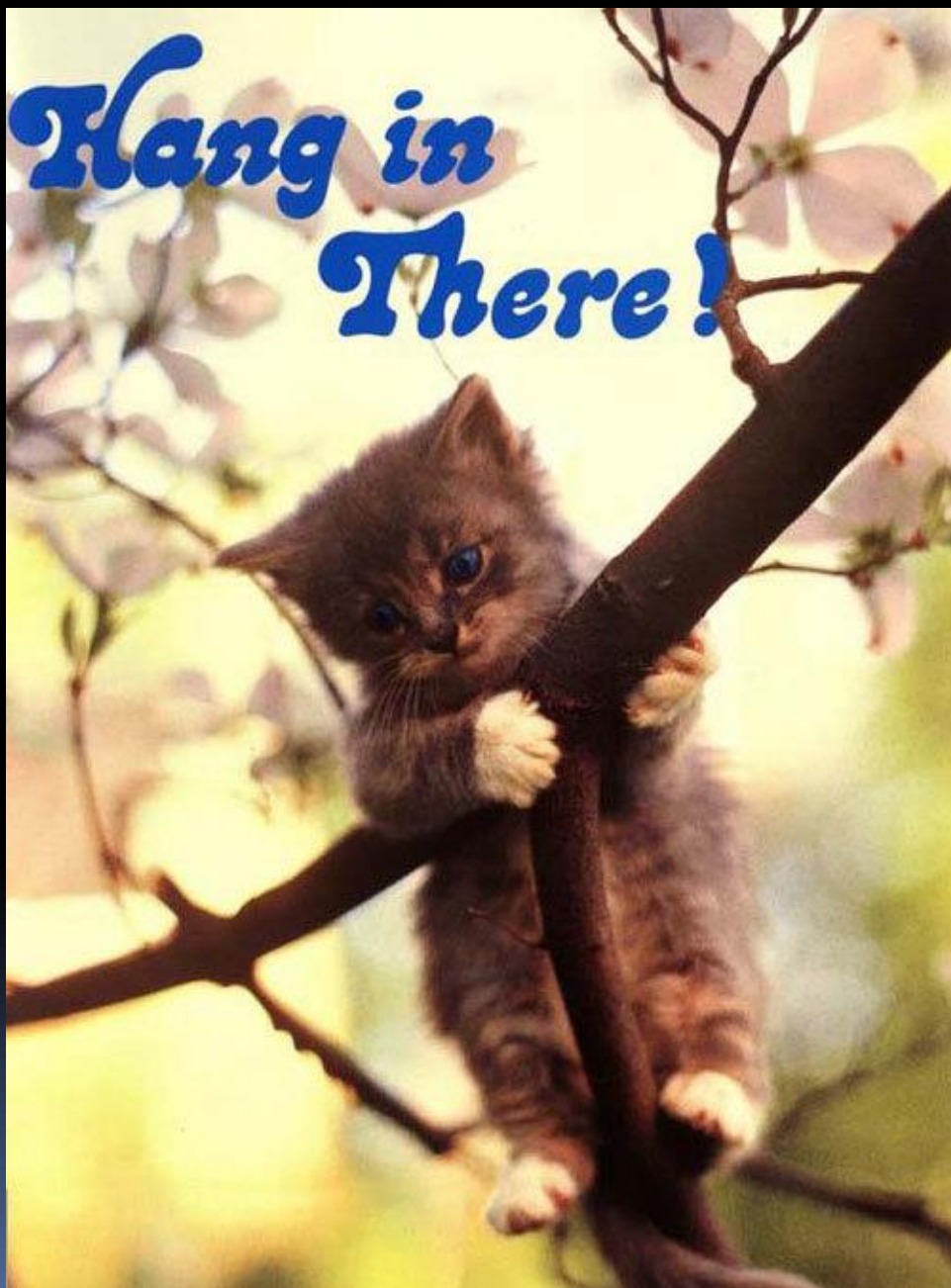


Come to me, all who are
weary & burdened

& I will give you rest.

-Mathew 11:28

*Hang in
There!*





T·E·A·M·W·O·R·K

TEAMWORK IS THE ABILITY TO WORK TOGETHER TOWARD A COMMON VISION.
THE ABILITY TO DIRECT INDIVIDUAL ACCOMPLISHMENT TOWARD
ORGANIZATIONAL OBJECTIVES, IT IS THE FUEL THAT
ALLOWS COMMON PEOPLE TO ATTAIN
UNCOMMON RESULTS.

© DESPAIR.COM



GET TO WORK

YOU AREN'T BEING PAID TO BELIEVE IN THE POWER OF YOUR DREAMS.



MOTIVATION

if a pretty poster and a cute saying are all it takes to motivate you
you probably have a very easy job. the kind robots will be doing soon.



GOALS

IT'S BEST TO AVOID STANDING DIRECTLY BETWEEN A COMPETITIVE JERK AND HIS GOALS.

www.despair.com



PERSISTENCE

IT'S OVER, MAN. LET HER GO.

www.despair.com



OVERCONFIDENCE

This is going to end in disaster, and you have no one to blame but yourself.




Composition Lesson One



GUIDELINES OF PHOTOGRAPHIC COMPOSITION



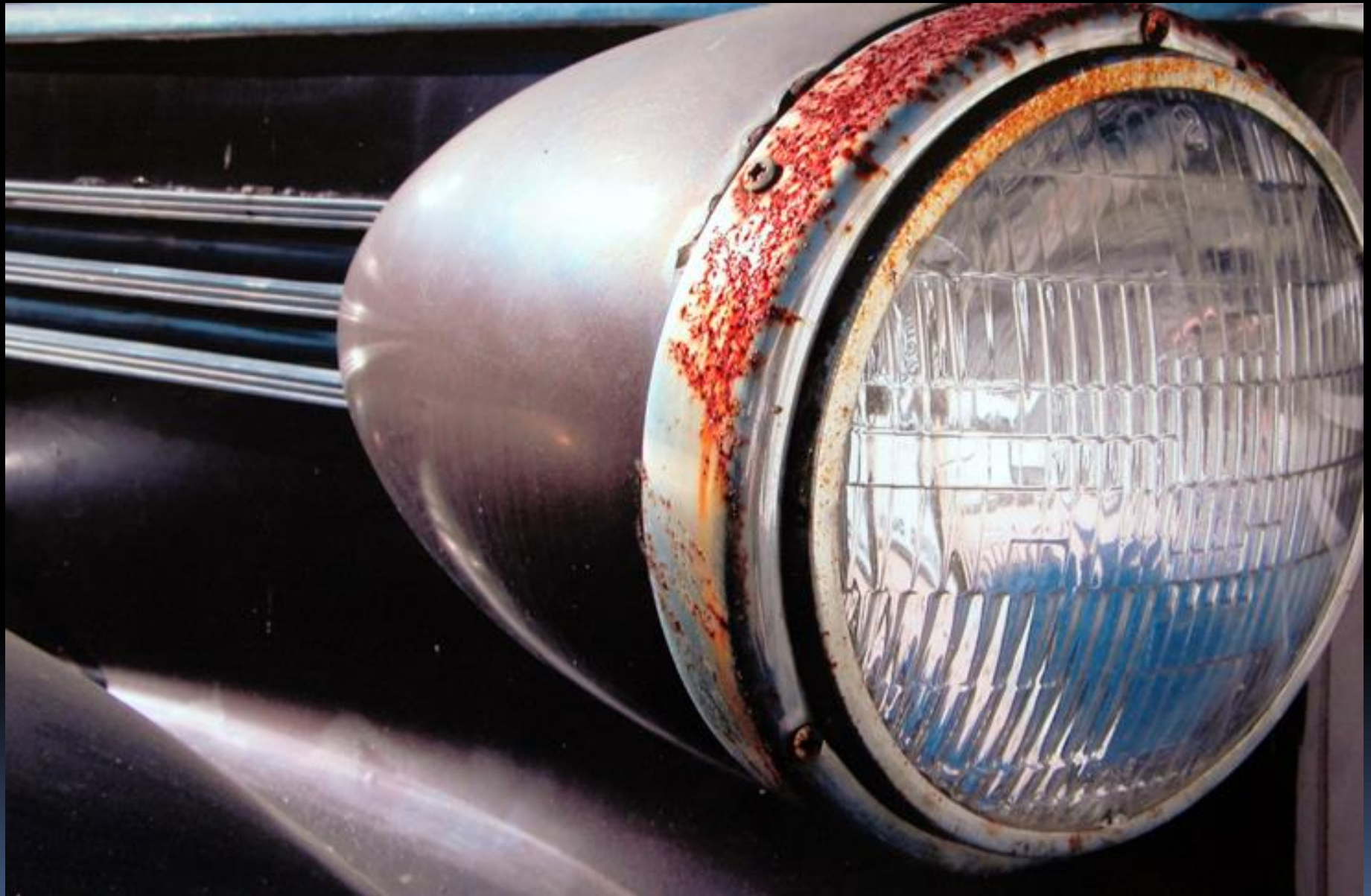
Photographic Composition Guidelines

- Simplicity
 - Rule of Thirds
 - Lines
 - Balance
 - Framing
 - Avoid Mergers
- 

Simplicity



Danielle Adler

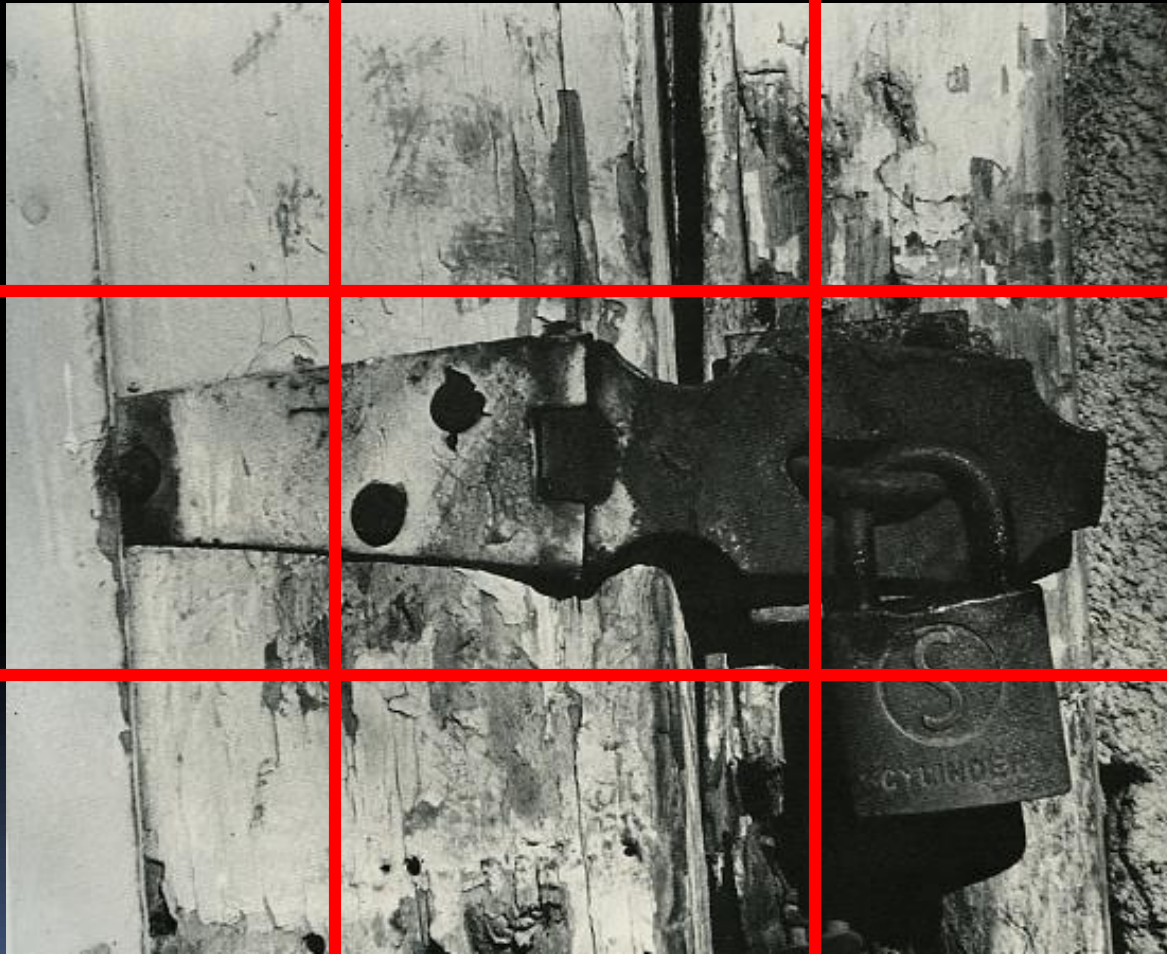


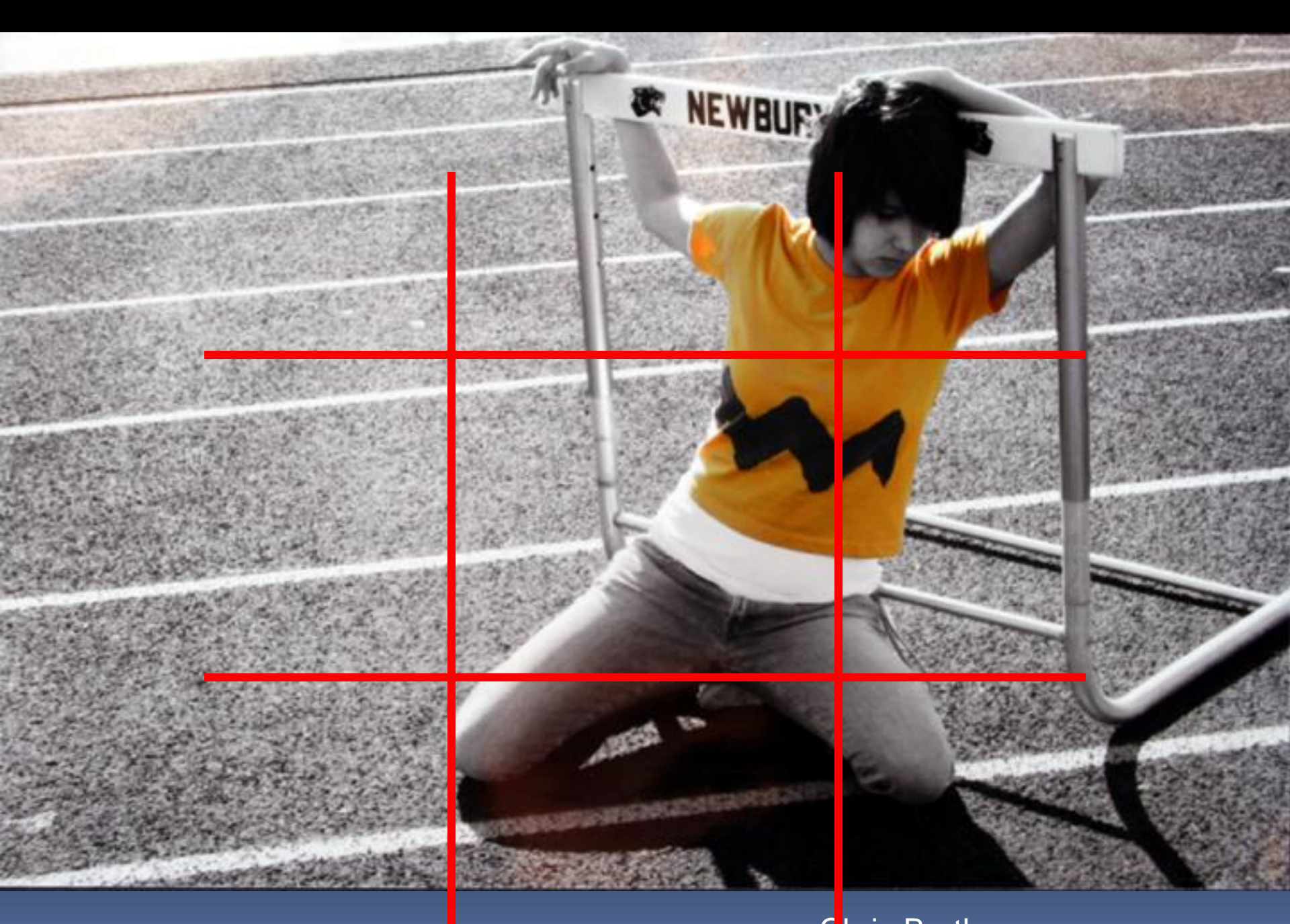
Patrick Bulmer



Patrick Bulmer

Rule of Thirds

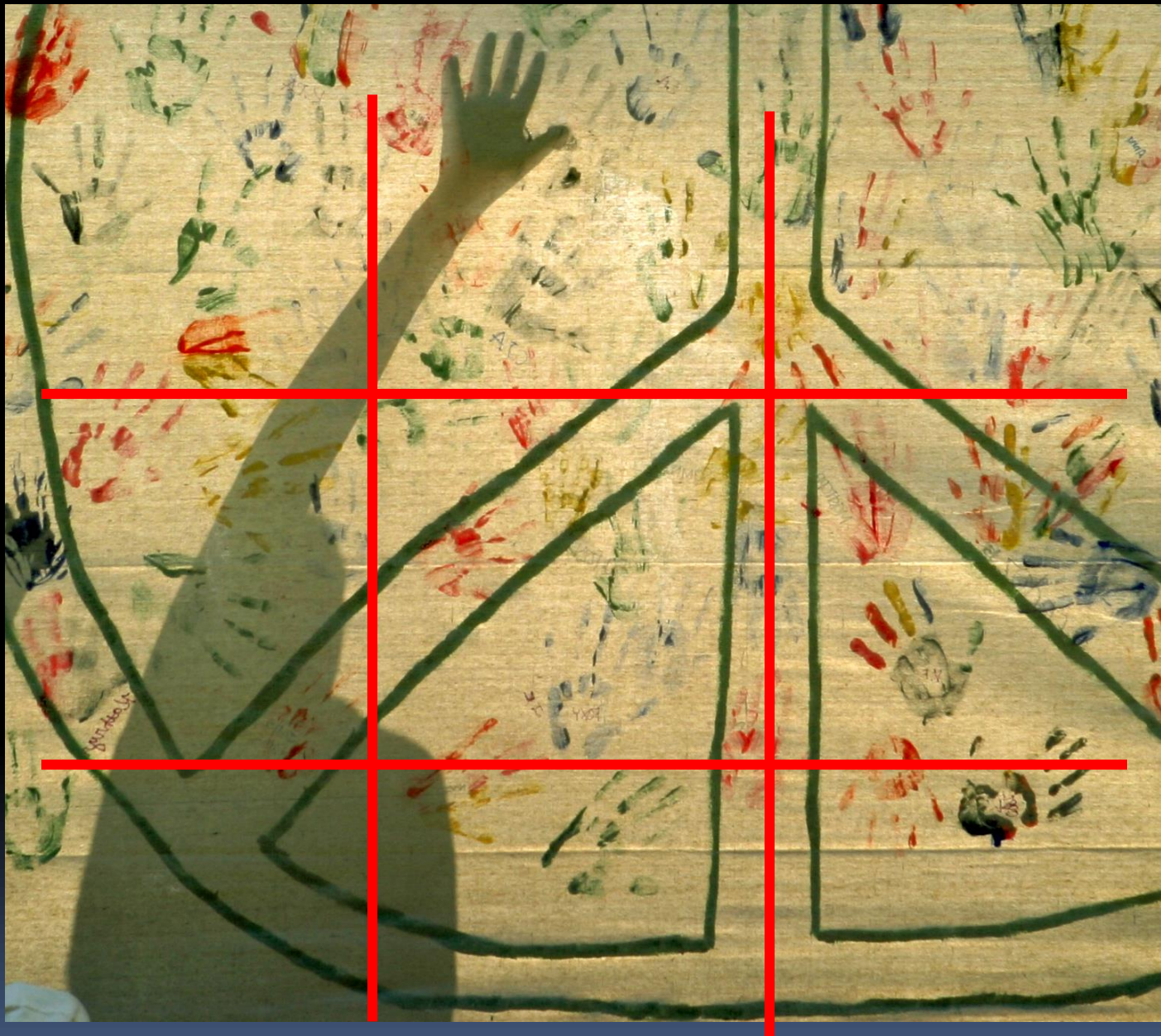




Chris Barthe



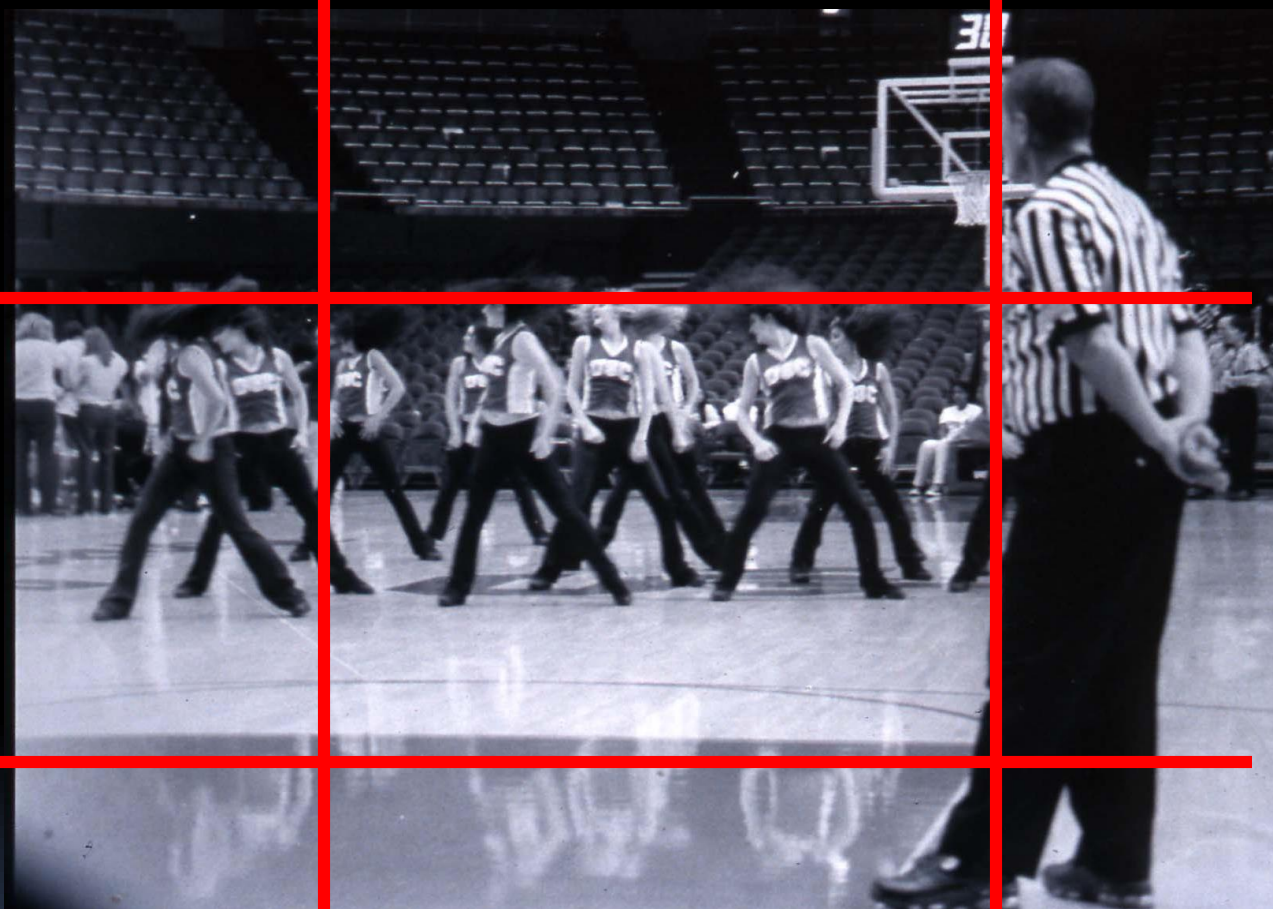
Chris Barthe

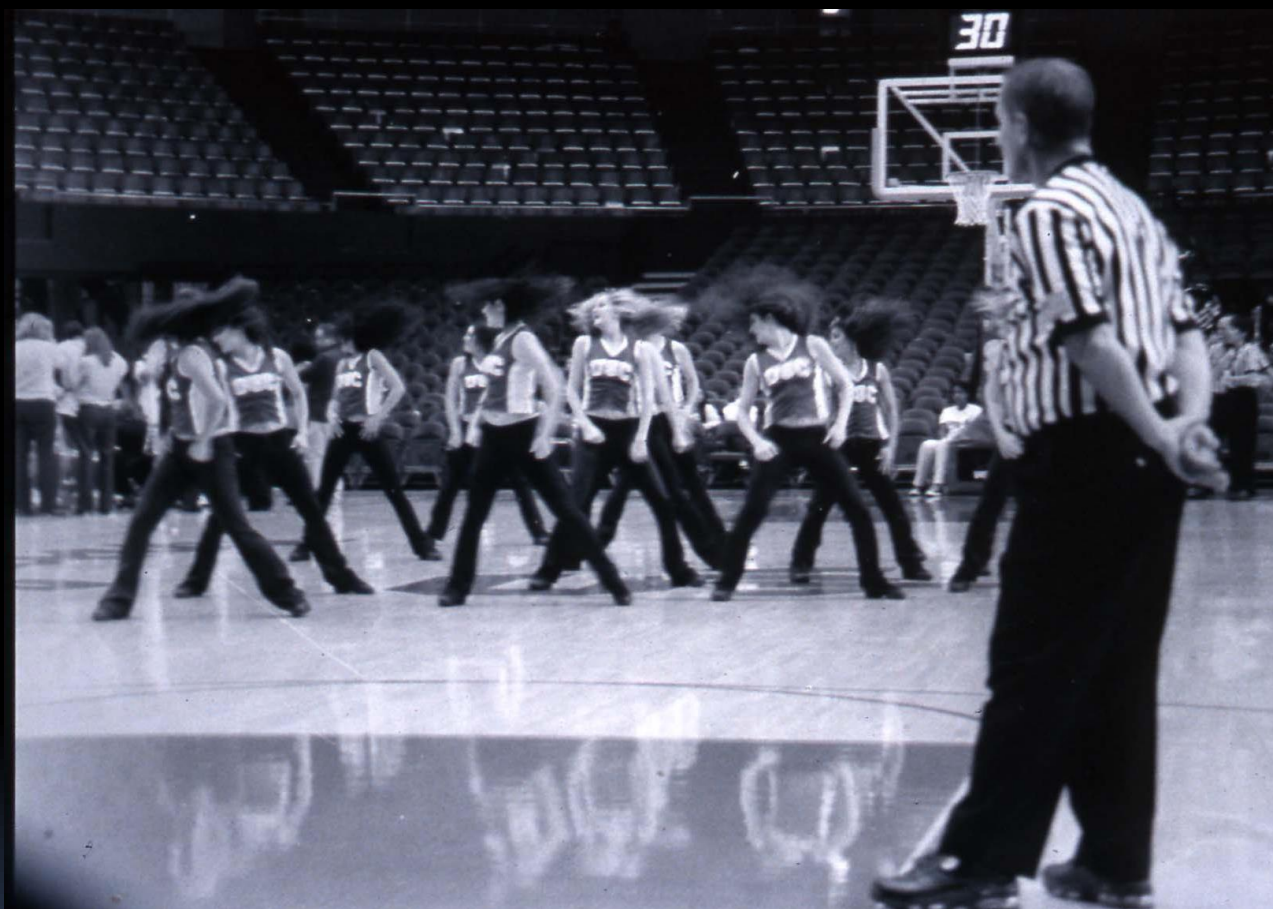


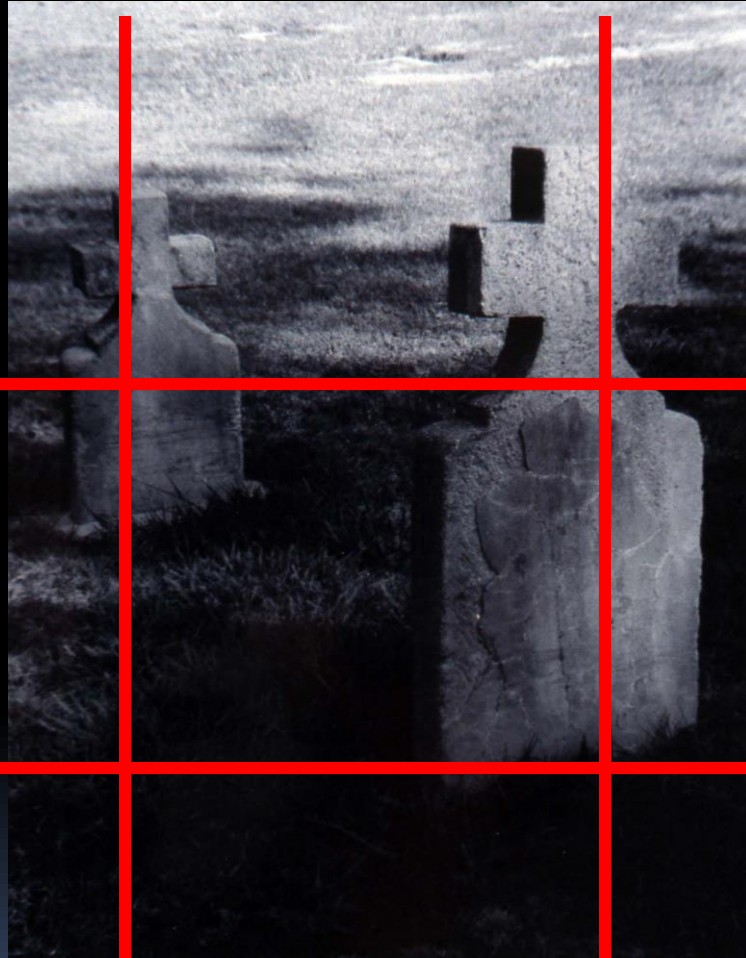
Whitney Bulmer



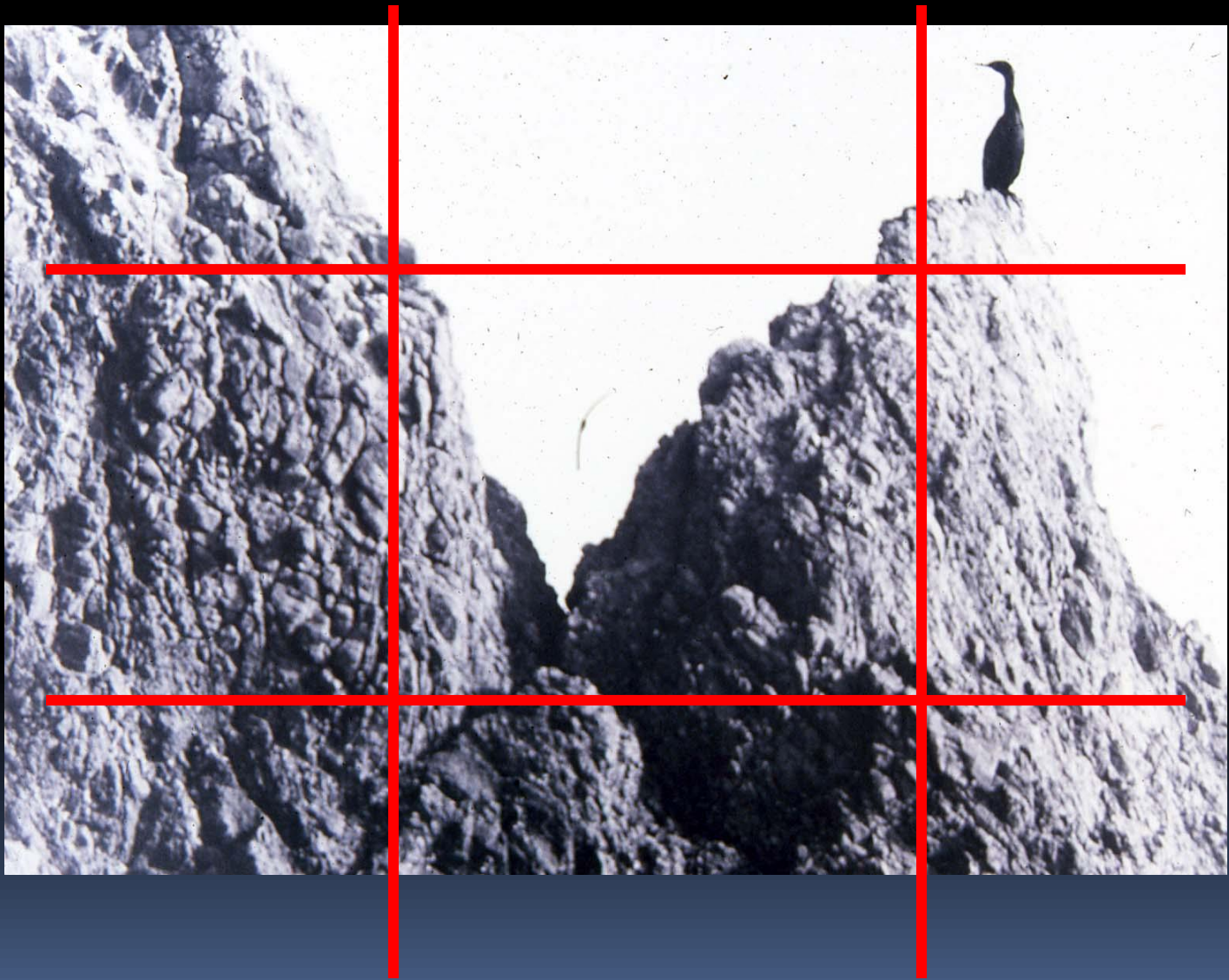
Whitney Bulmer



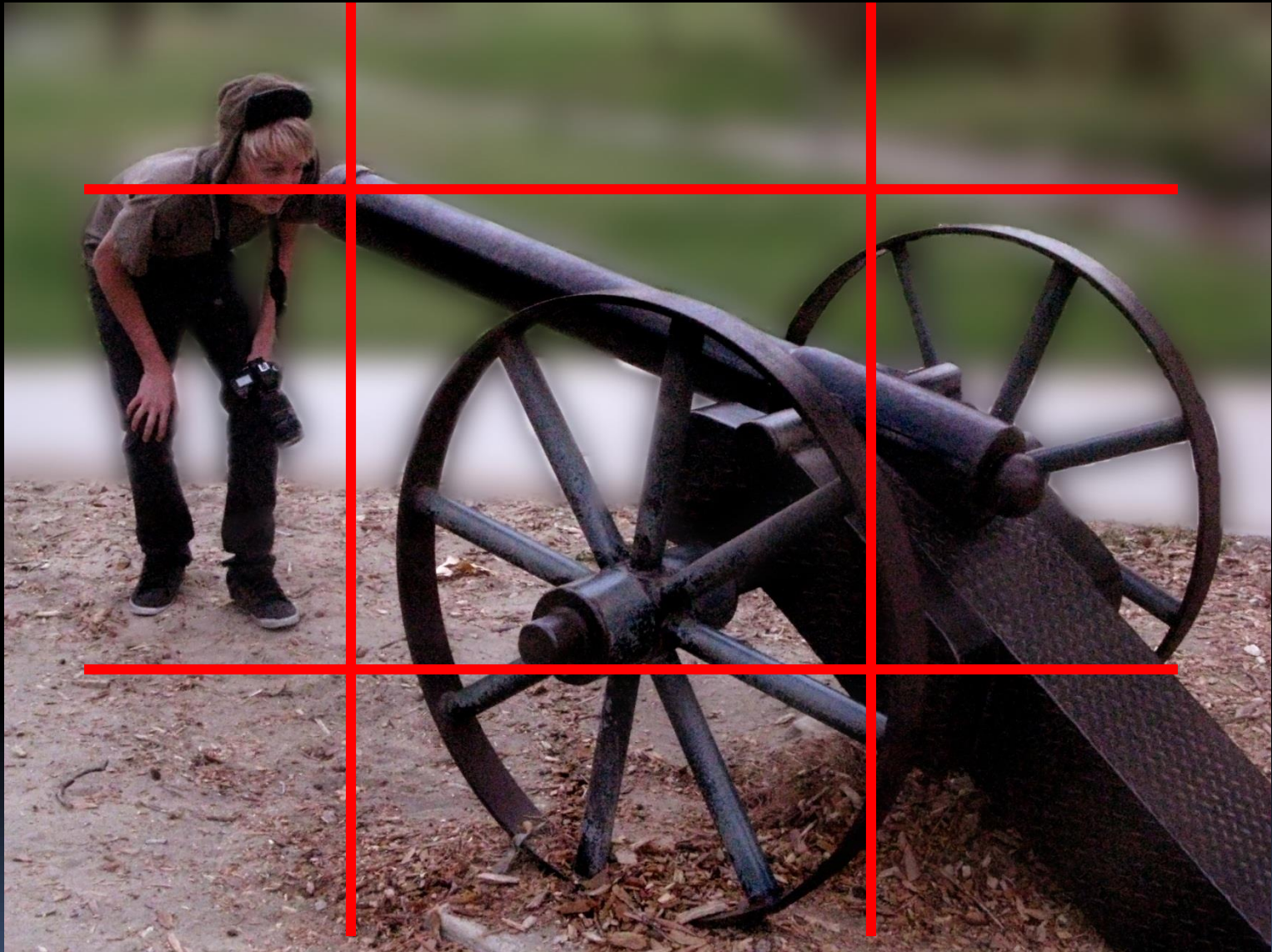








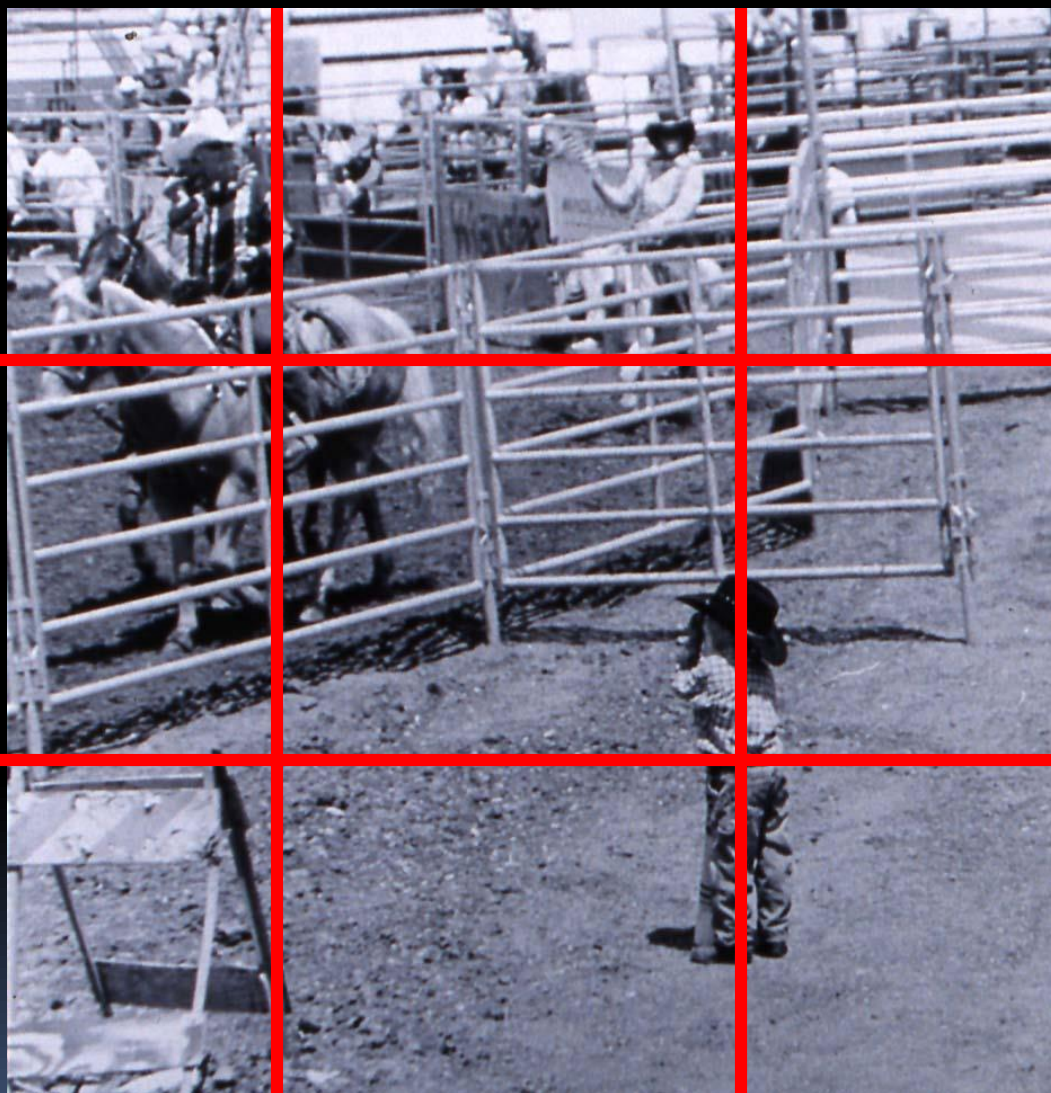




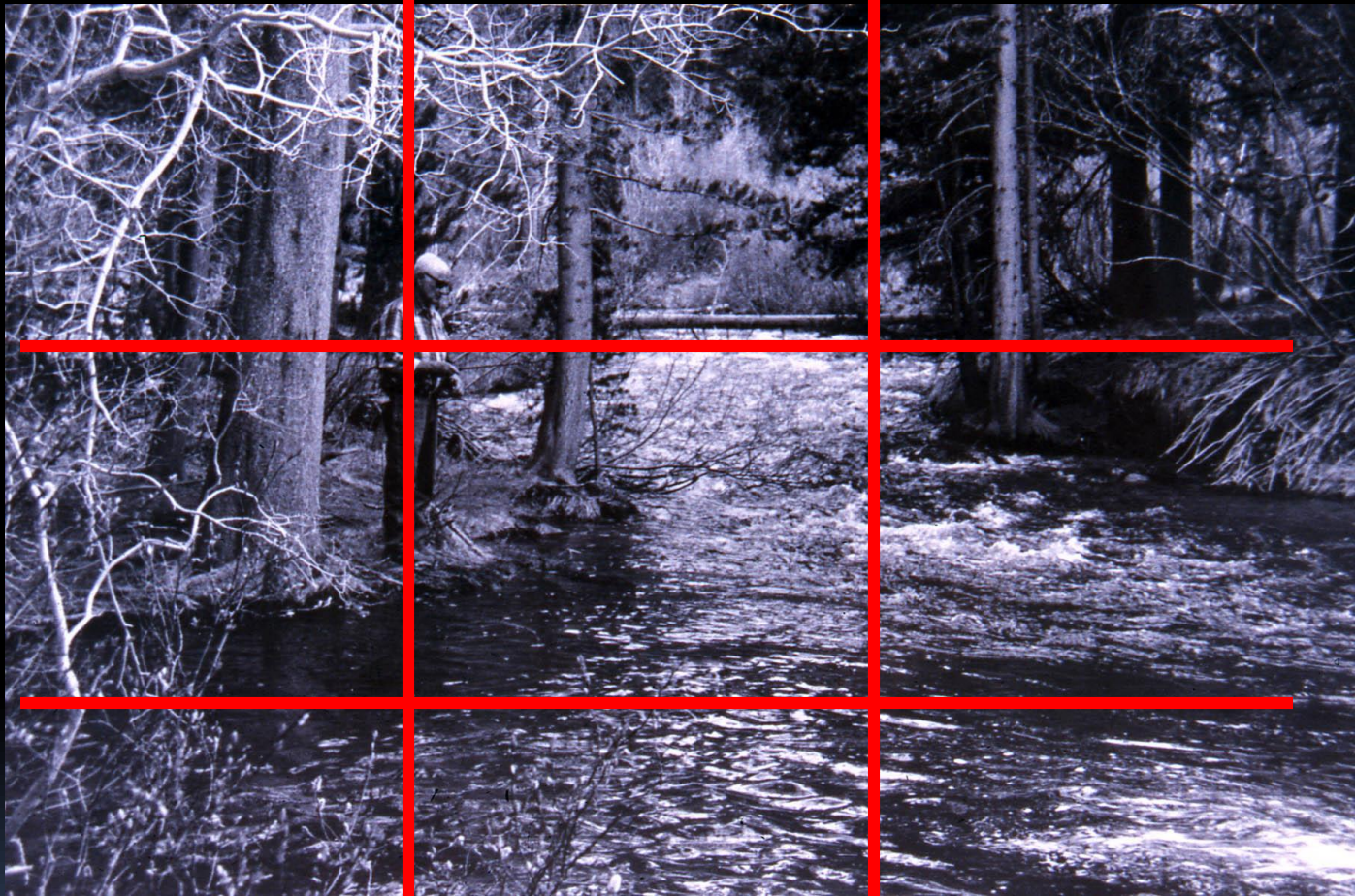
Anthony Cerotta



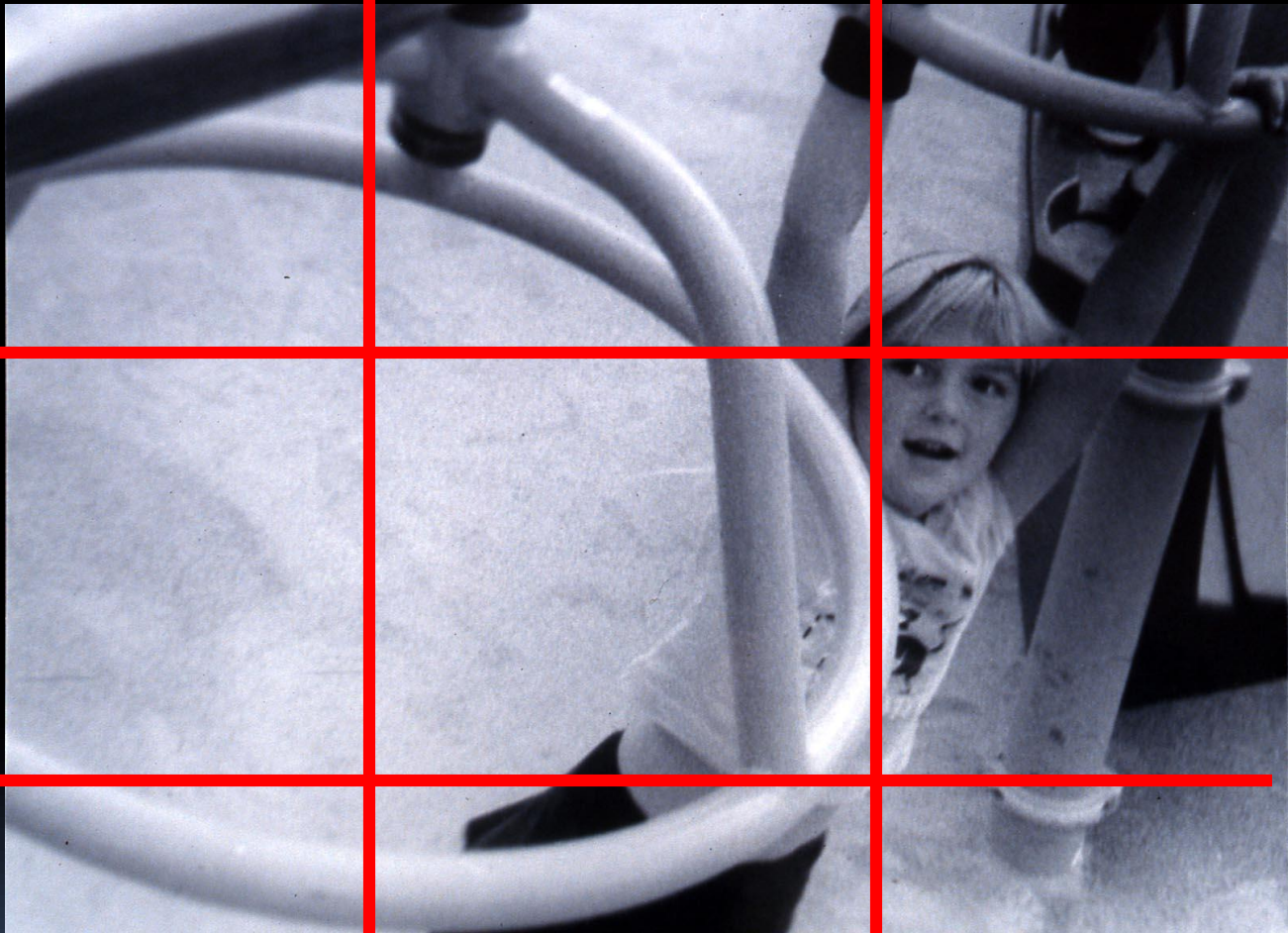
Anthony Cerotta



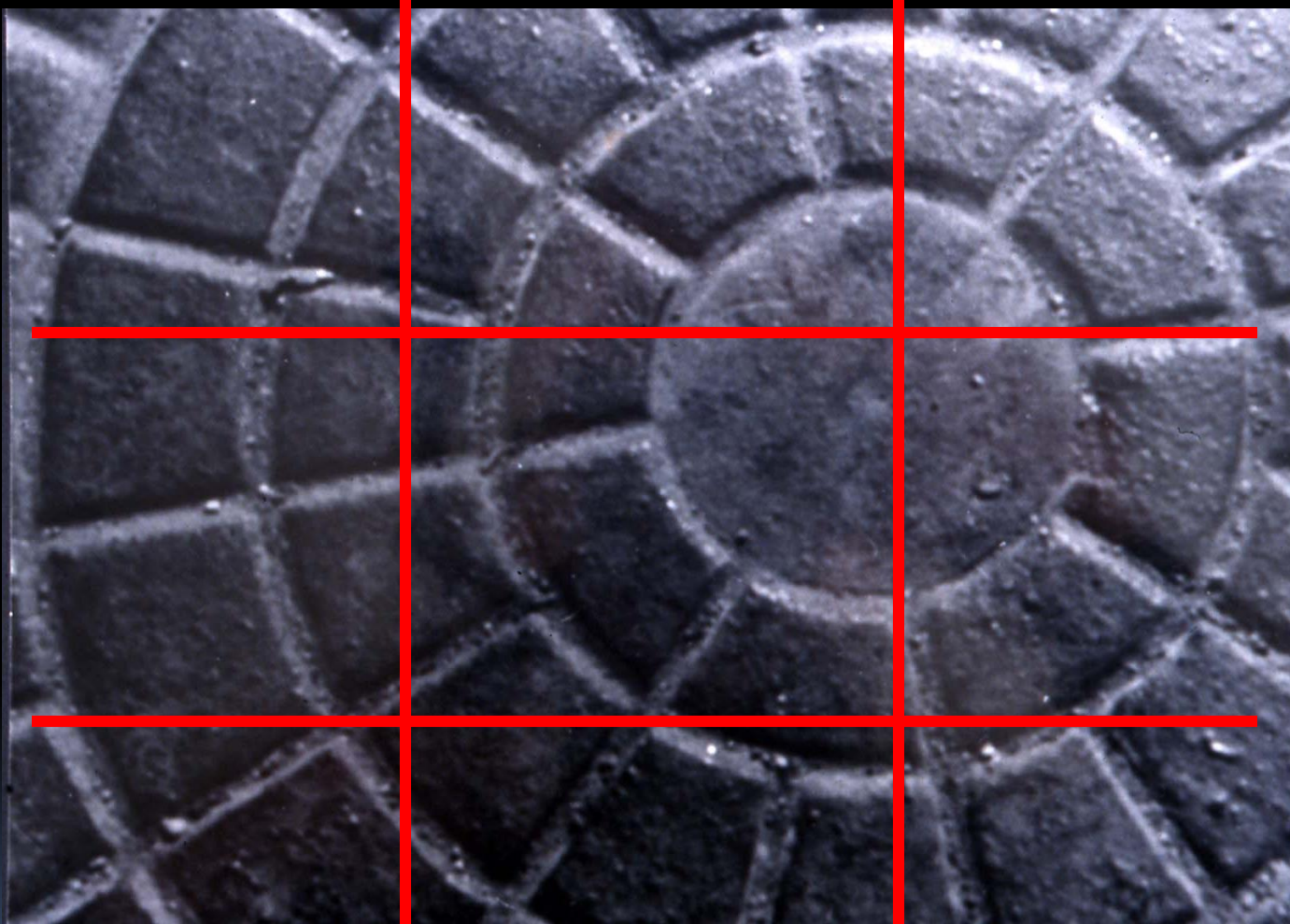






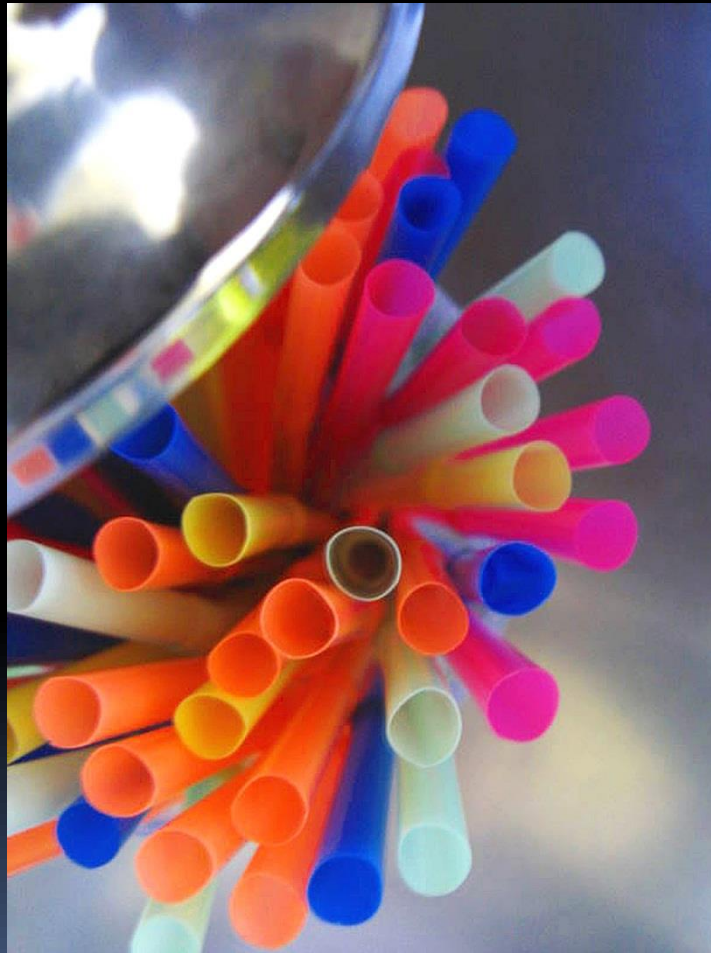








Lines



Melissa Abel











Chris Barthe

Balance









Framing



Whitney Bulmer





Avoid Mergers







Guidelines not followed - ok
sometimes- Simple, strong
subject matter







Magic of Photo Composition



Larry Berlin

Next week...the Holy Trinity of Photography

