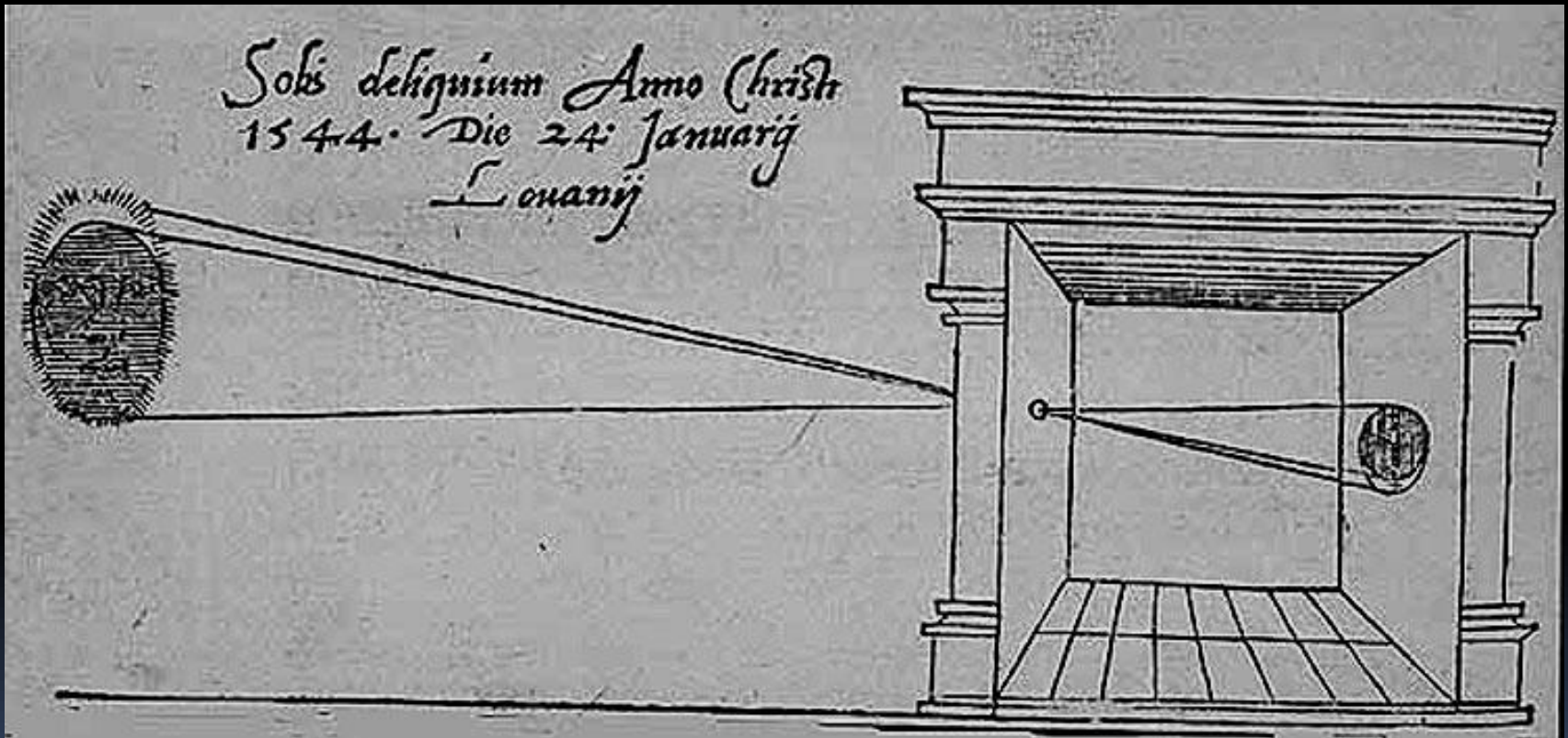


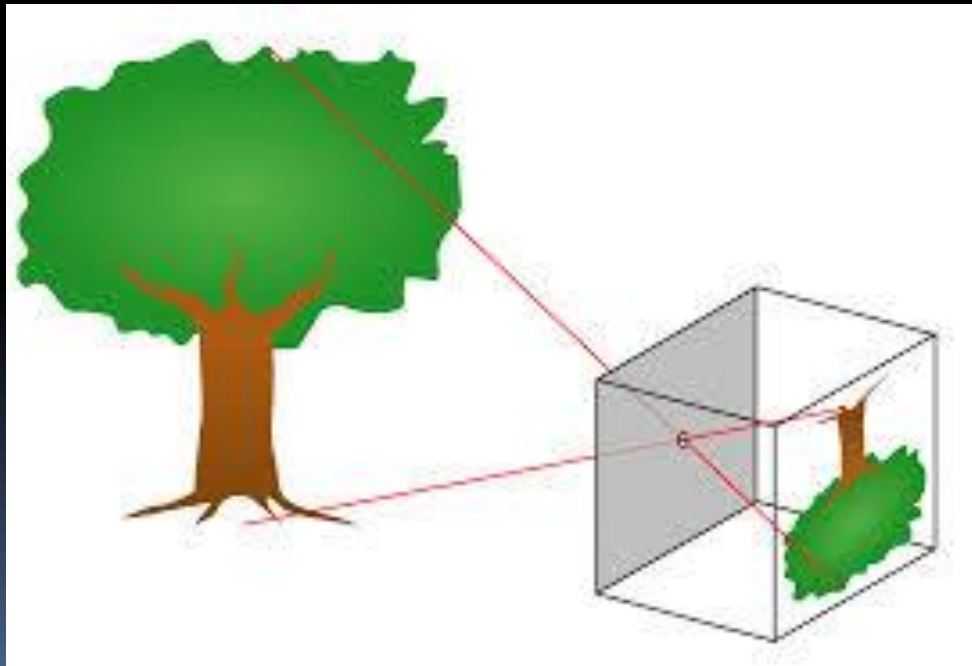
Photo 5

online



Camera Obscura – *translation* – Dark Chamber

The Pinhole Camera



Where it came from:

The concept of Camera Obscura was known for many years but could not be ‘captured’. The ancient Greeks used a technique like Camera Obscura to map the stars.

The ancient Chinese used it as early 300 A.D.

Today, it is still used mainly for its magical qualities for re-creating a scene using virtually nothing more than the physical properties of light in a ‘Dark Chamber’



The pinhole camera is a light tight box with a small hole on one side. The media, (light sensitive material, either film or photographic paper) is placed inside. When exposed a photographic negative will result inside the box on the photographic media.

A pinhole camera can be made from anything....like a cardboard box, paint can or even an eggshell.

The Pinhole camera is a holdover from the past. It still contains mystery as to just why and how it works.

Just Google pinhole camera and find all sorts of websites regarding them.

It is the most basic of cameras



Pinholes are popular because : They can be cheap. They give the photographer a lot of creative freedom, and they give a ghostly, almost other world effect.



They can be done
in color or in
B&W, whatever
photographic
medium you
wish....as long as
you can stand the
long shutter speed.





Notice the sharpness....this is done with only a small, needle size hole ...amazing



Movement is the enemy of the Pinhole, however it can create interesting effects.



Another technique that is fun is making a ghost image by timing the exposure correctly you can affectively become semi-transparent. Very cool.

The drawback to Pinhole cameras:

- They are slow in comparison to other cameras, usually taking many seconds to make an image depending on the medium you are using.
- During these long exposures you must keep the camera perfectly still so this type of photography is not good for anything with action involved. It cannot be handheld.
- Keeping the camera light tight is challenging.