

The SCHOOL of the
ART INSTITUTE of CHICAGO
HOLOGRAPHY STUDIO B013

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International Symposium on Display Holography,
Lake Forest College, 1997

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E. J. Wesly, School of the Art Institute of Chicago (USA)

SESSION 9 LASERS

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M. V. Grichine, D. B. Ratcliffe, A. M. Rodin, GEOLA (Lithuania)



The Beginning Holography Table
in the anteroom.



Clutter on the table

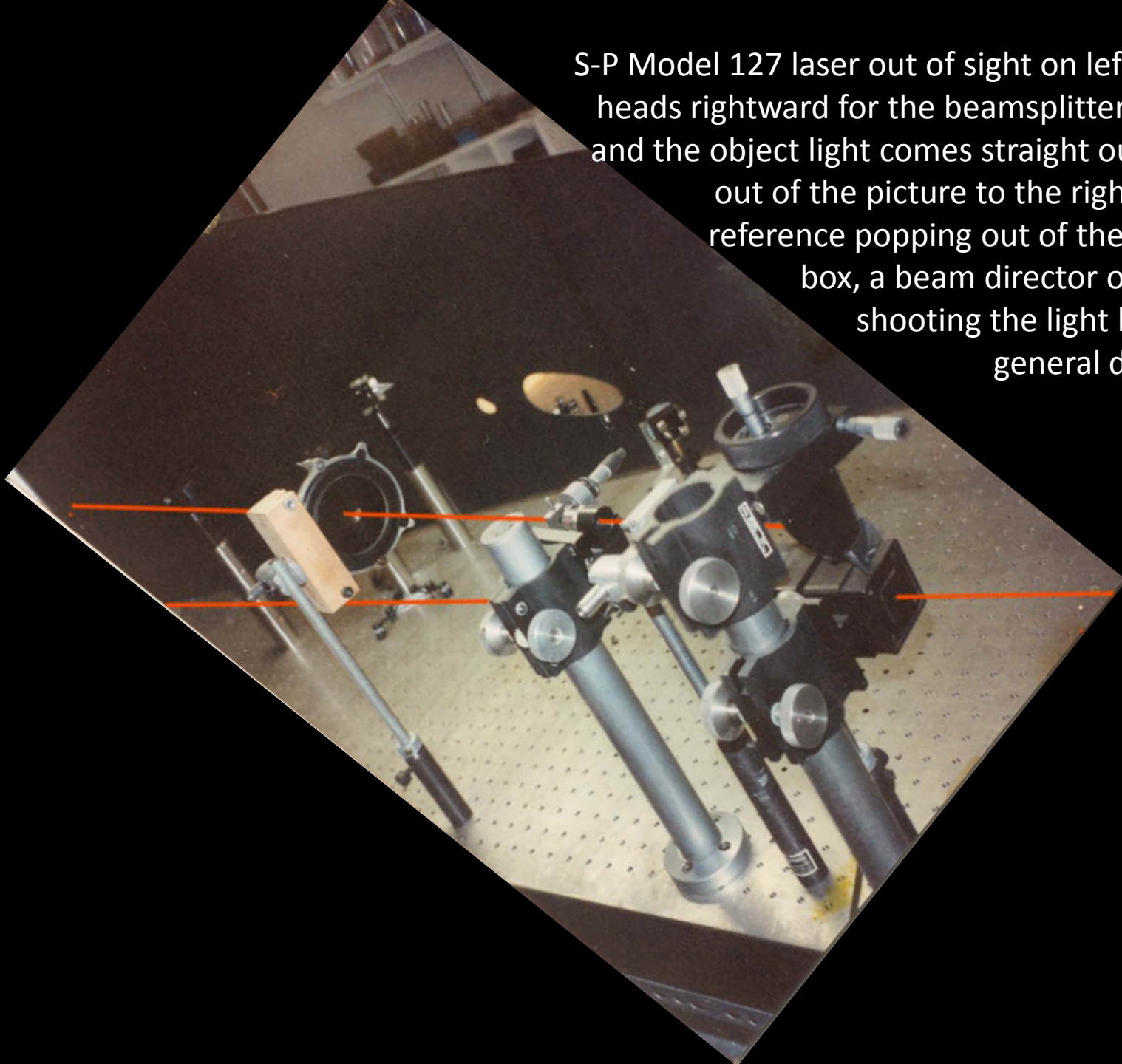


Printer Table as seen from connecting doorway. From front to back: small slice of the plateholder; a little bit of the groundglass back projection screen; object lighting nuts and bolts on the table; 16mm projector hidden behind cardboard, its lens peeking through; rewind cranks for editing.



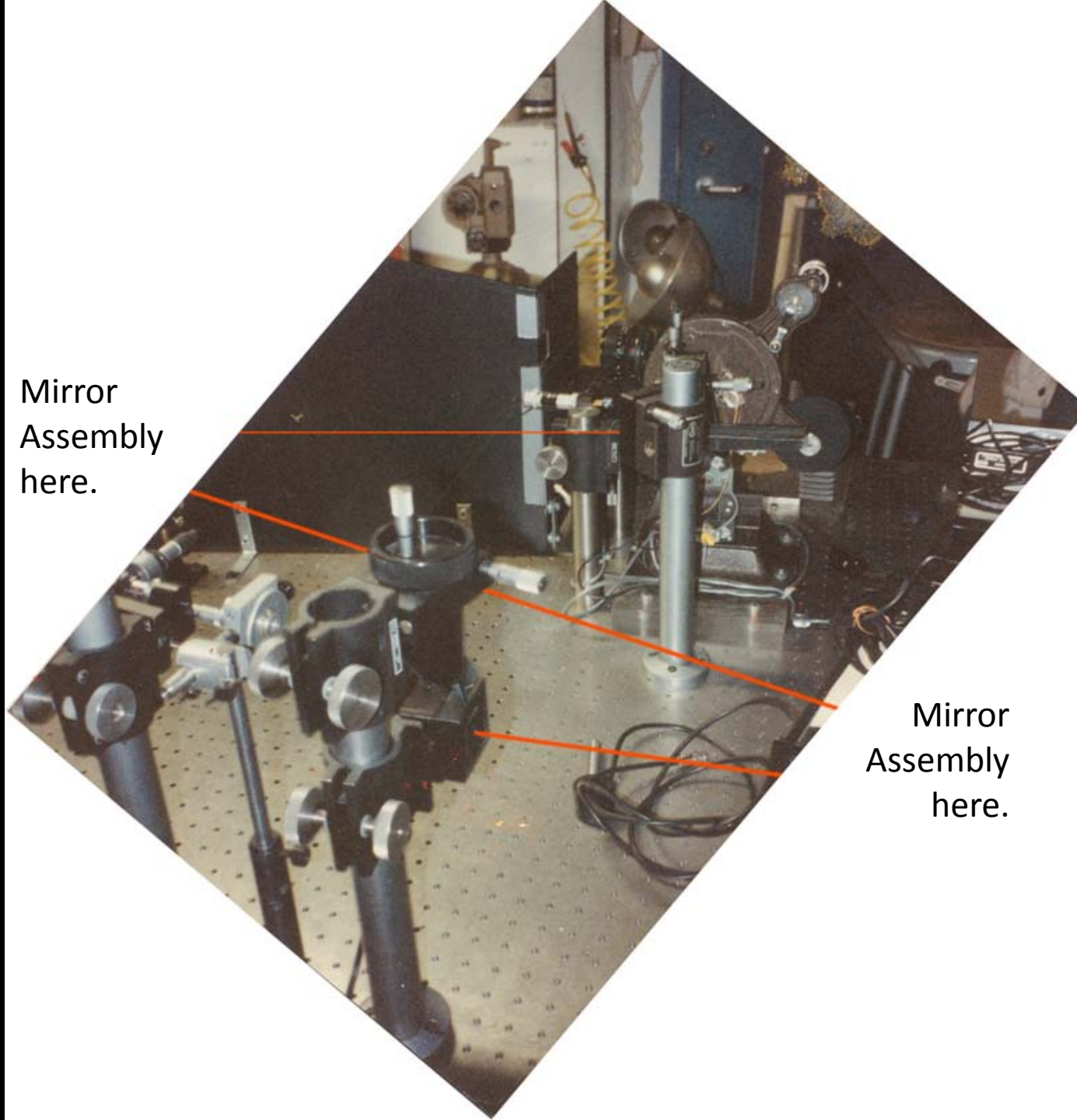
Bottom Right: More of the plateholder's back, showing the leaf spring retainer; above and to the left, one of the object lighting mirrors; the groundglass in place where objects could go; and the overhead reference mirror supports.

S-P Model 127 laser out of sight on left; its beam heads rightward for the beamsplitter assembly, and the object light comes straight out of it and out of the picture to the right, with the reference popping out of the top of the box, a beam director on top of it. shooting the light back in the general direction of the laser.





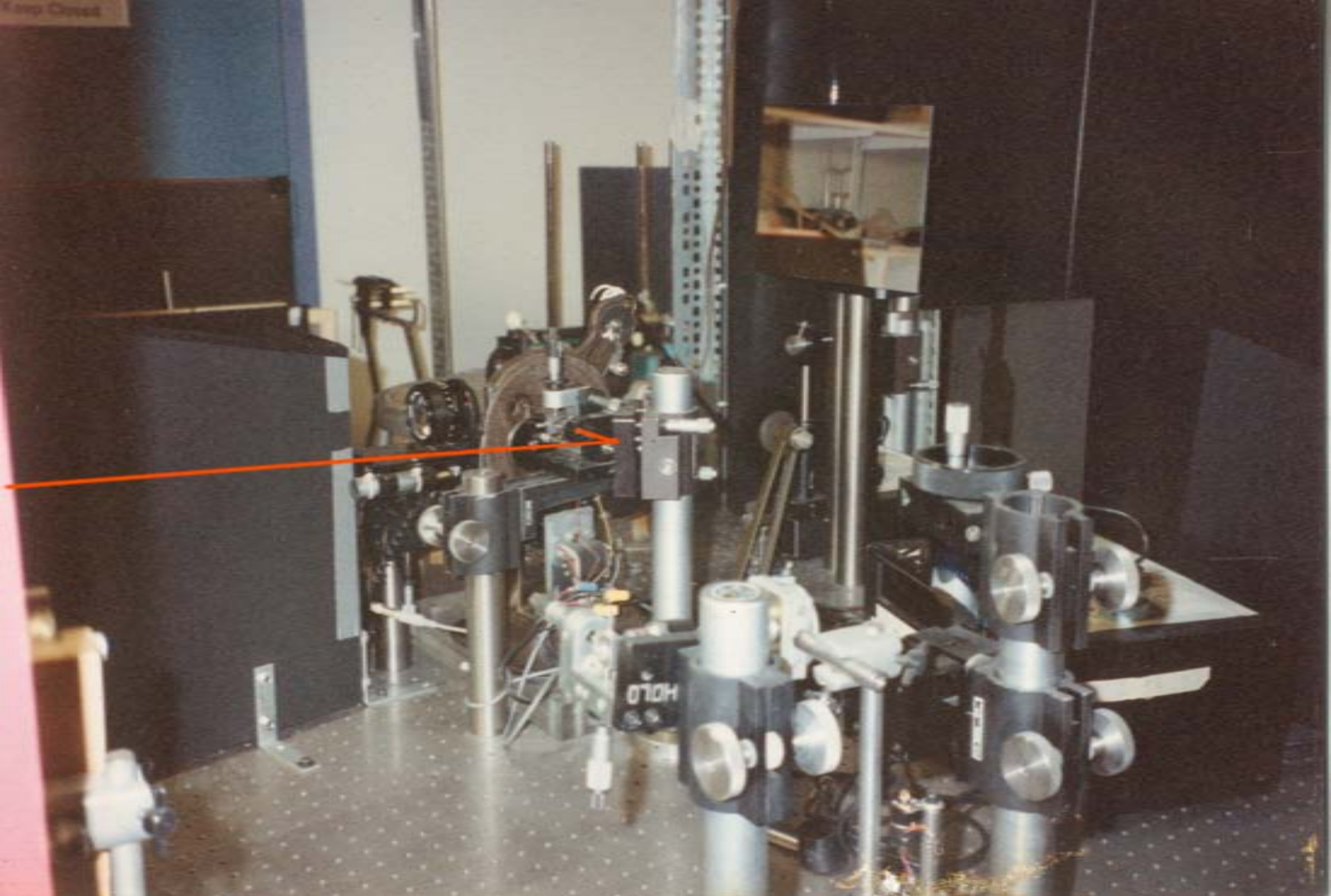
S-P Model 127 laser under its heat shield on left; the beamsplitter assembly is out of sight at the bottom of the picture, but the reference beam path out of the top of the box is now better seen, along with the reference beam's spatial filter and iris diaphragm.



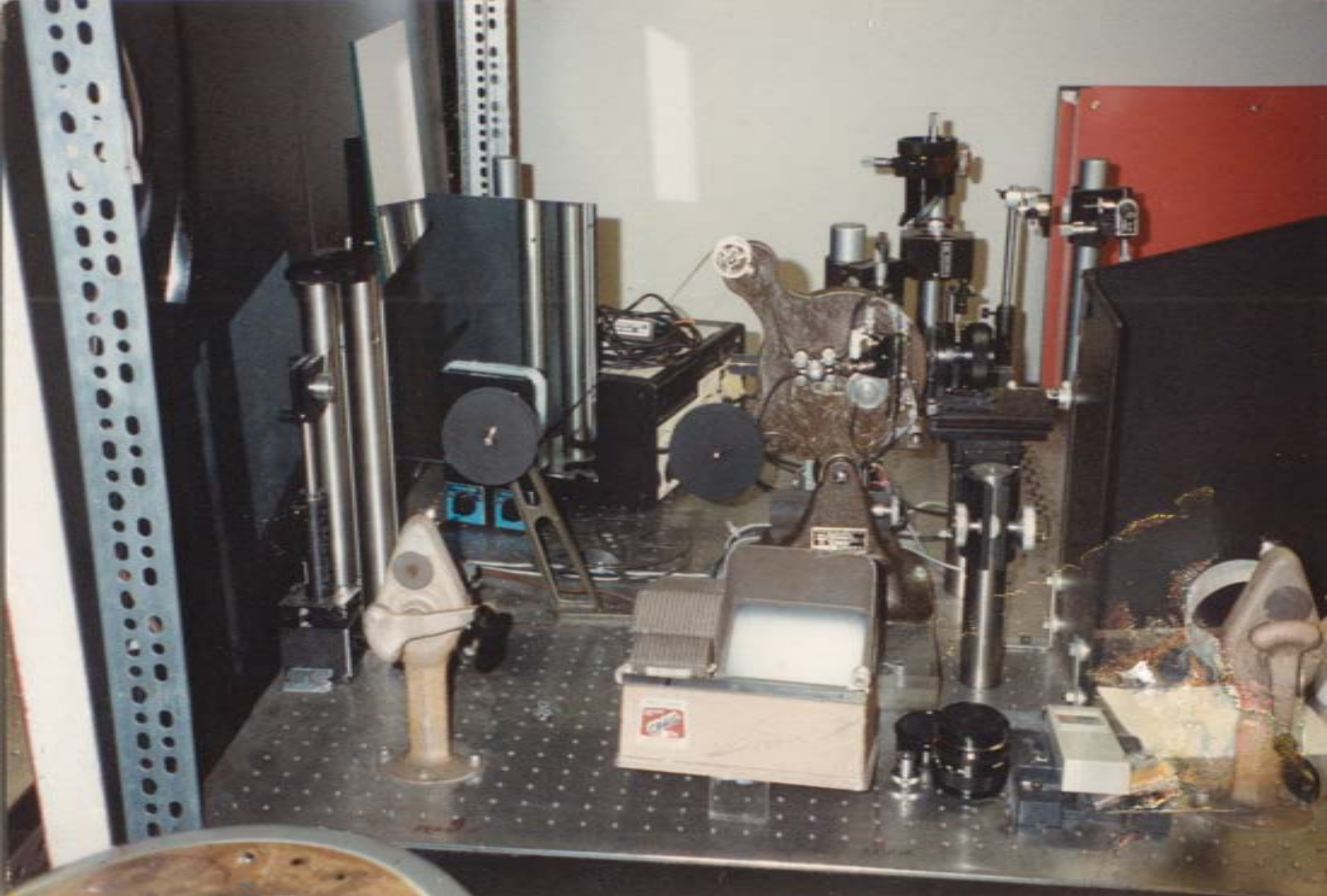
Mirror
Assembly
here.

Mirror
Assembly
here.

Object beam
light is issuing
out of the
beamsplitter in
the lower center
of the picture,
and bounces off
of 2 mirror
assemblies that
are cropped out.



Object light entering into the side of the antique 16mm projector via a spatial filter. Note the Canon camera lens on the motorized translating stage.



Movie projector in center, Canon lens, rewind cranks and editor to find frames of interest.

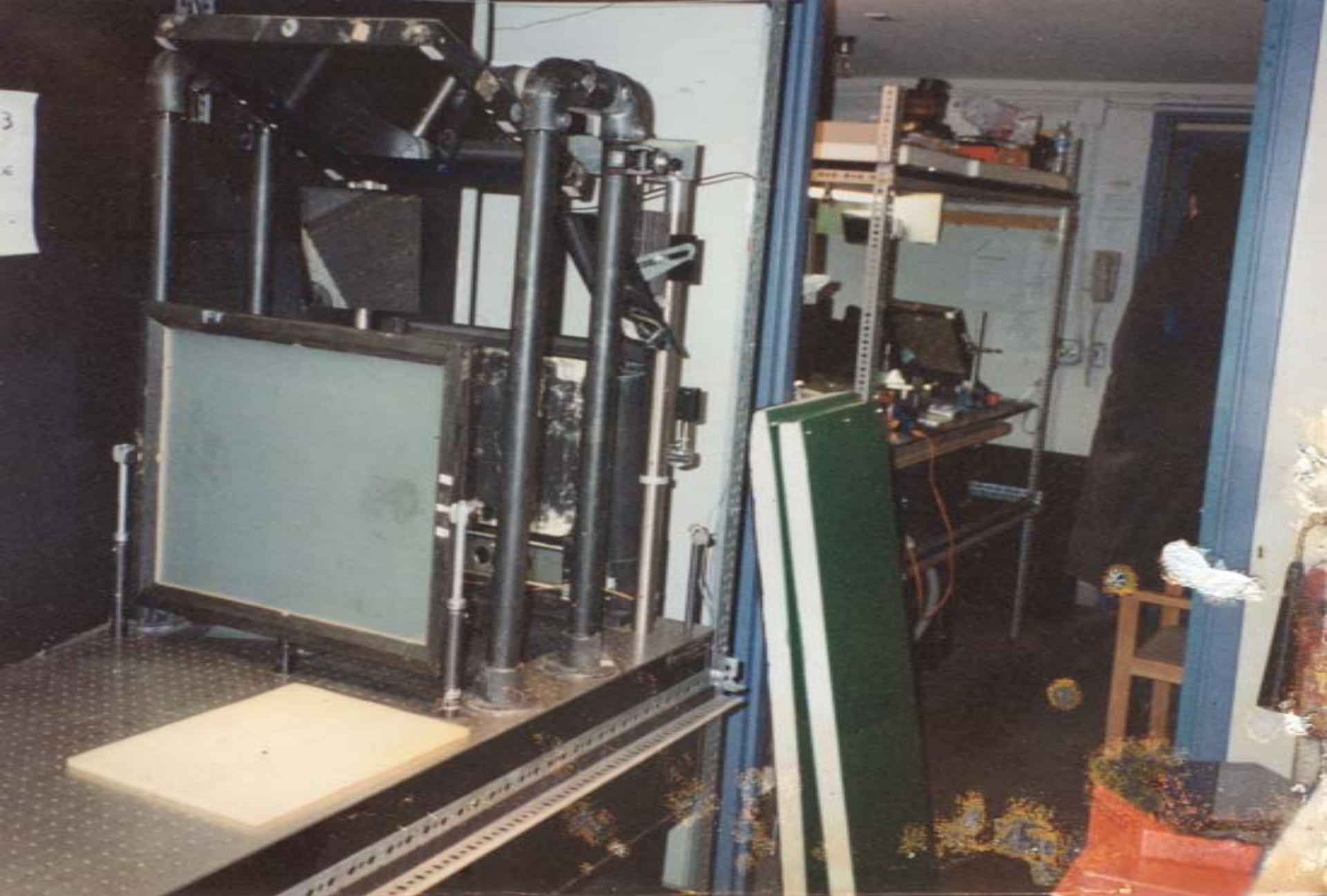
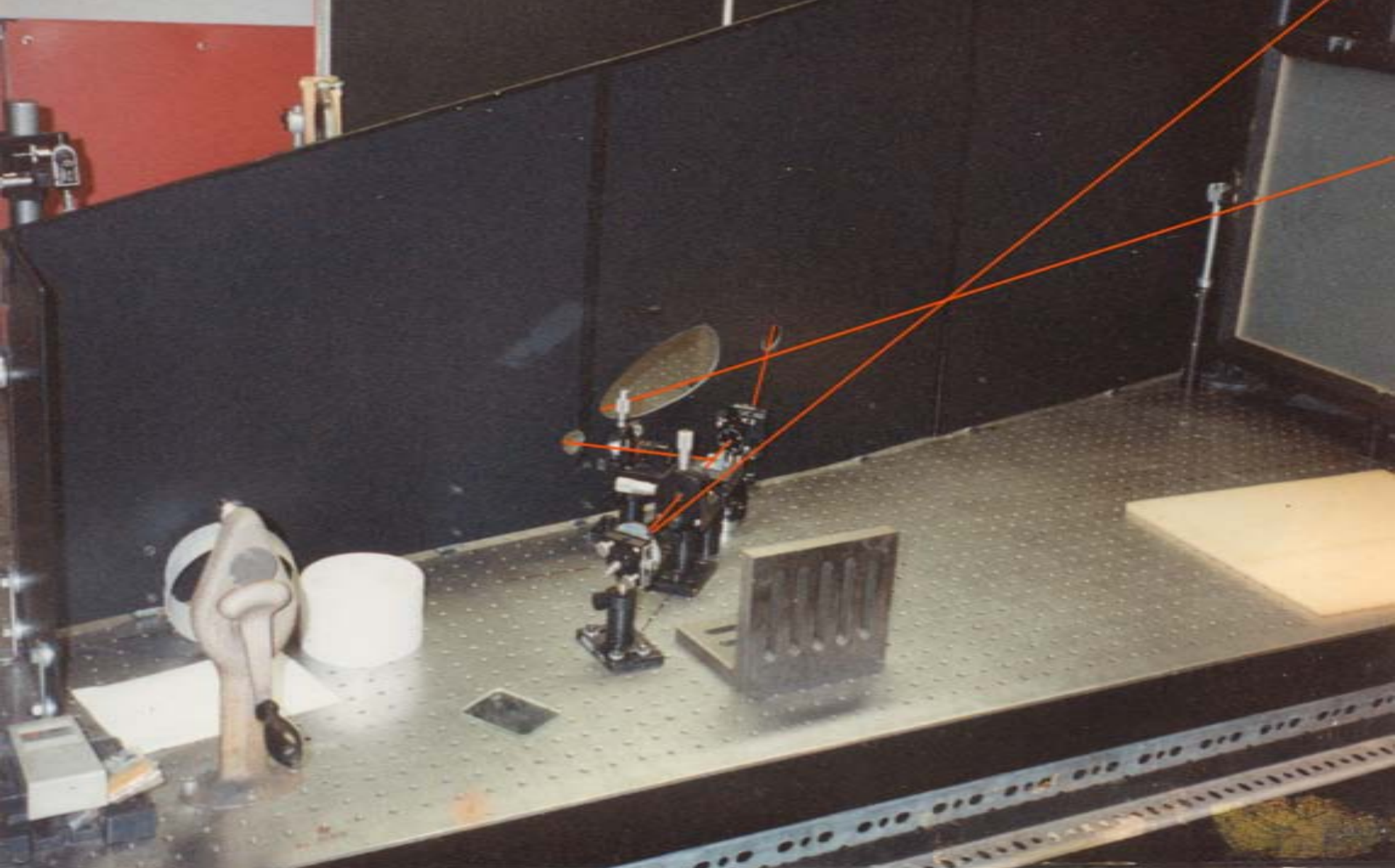


Image side of groundglass, overhead reference mirror structure, plateholder, beginning table room



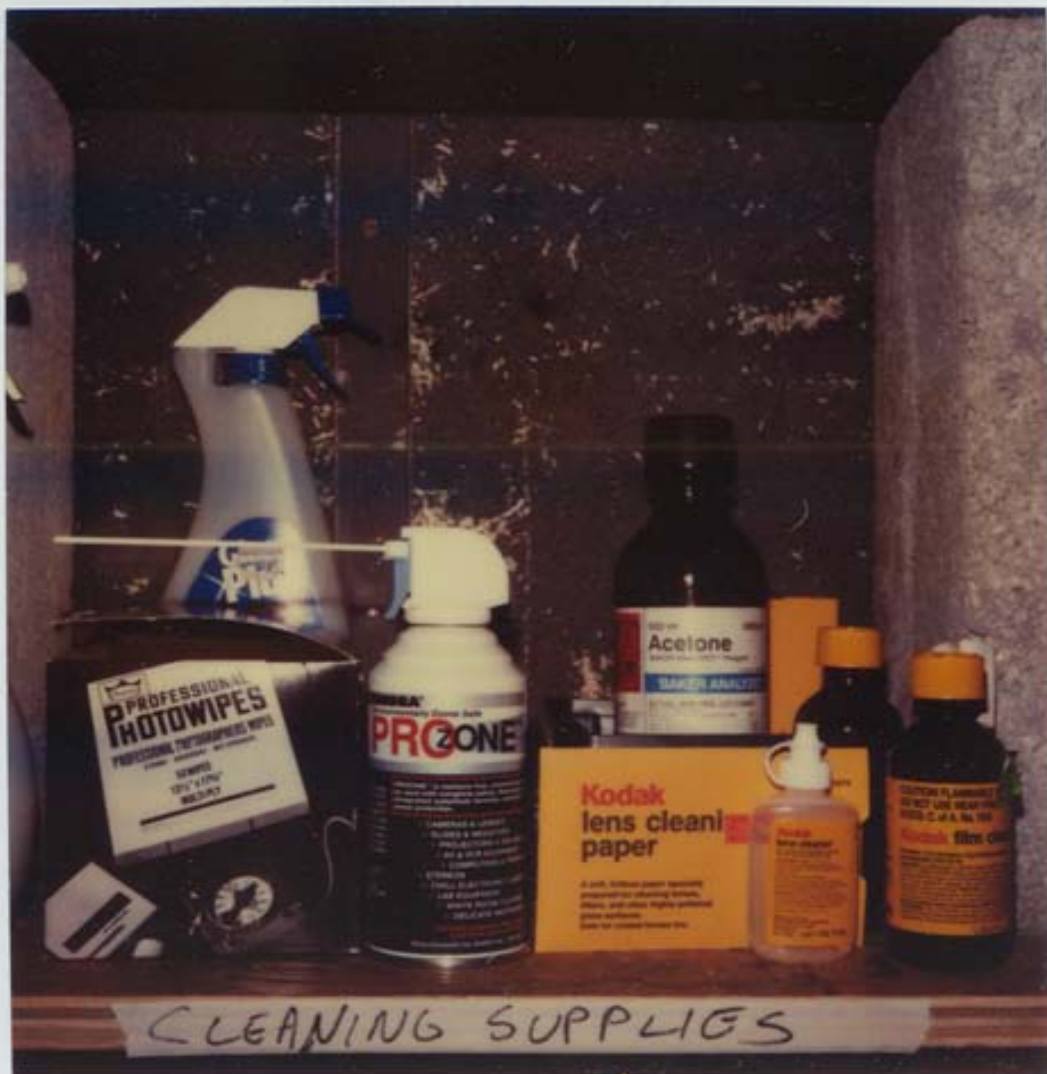
The Beamstealer in the center of the table diverts light from the projector to the object lighting spatial filters on the other side of the baffle.



Object beam light comes thru a hole in the baffle, goes through a beamsplitter to control left and right object lighting intensity, and through spatial filters to spread the beam to cover the object . Mirrors above the groundglass and out of this view aim the light down to where objects would be placed in place of the groundglass.



Storage space, sound system, stash of spray paint

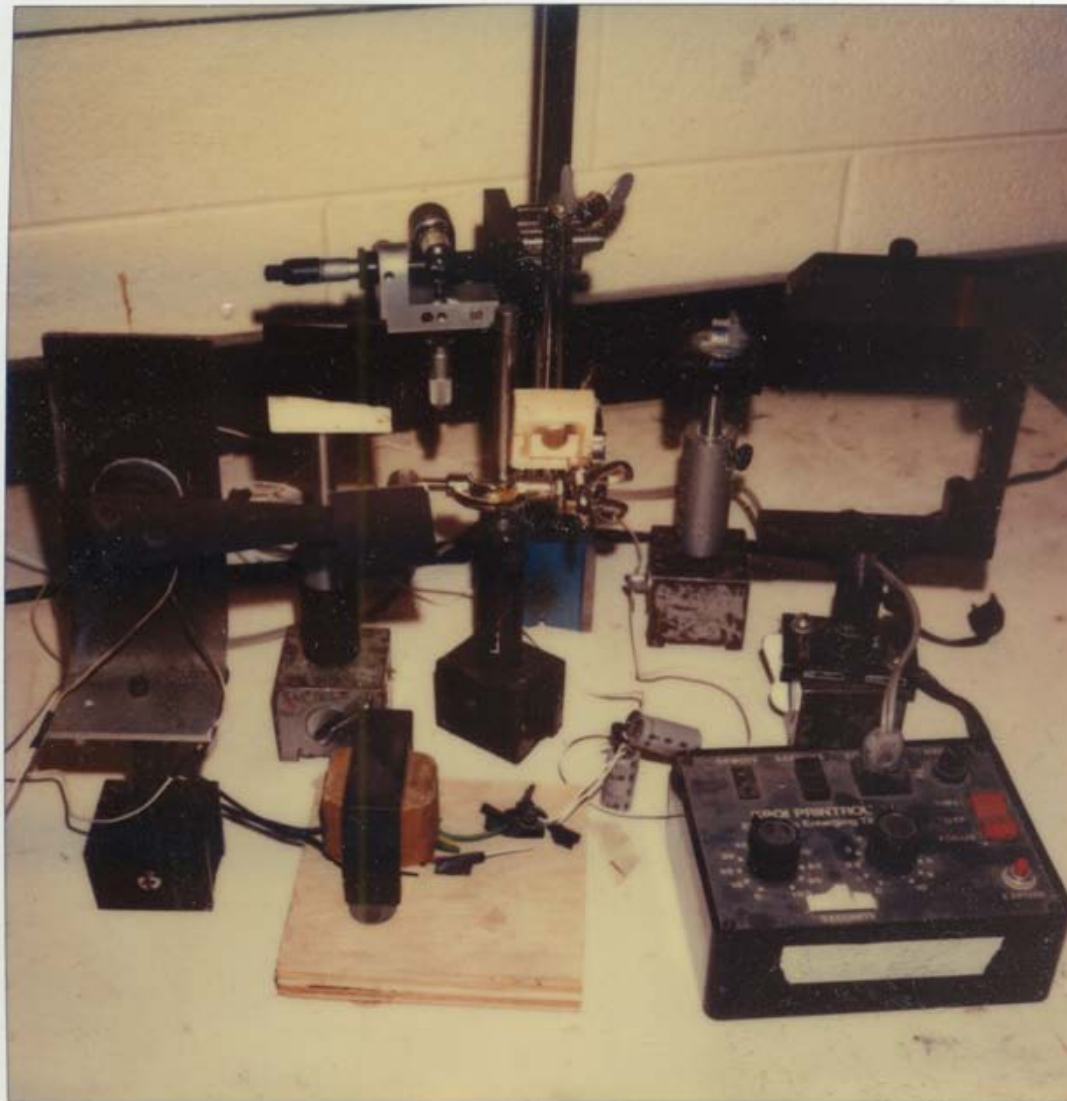




Magnetic bases, film holders, mirrors



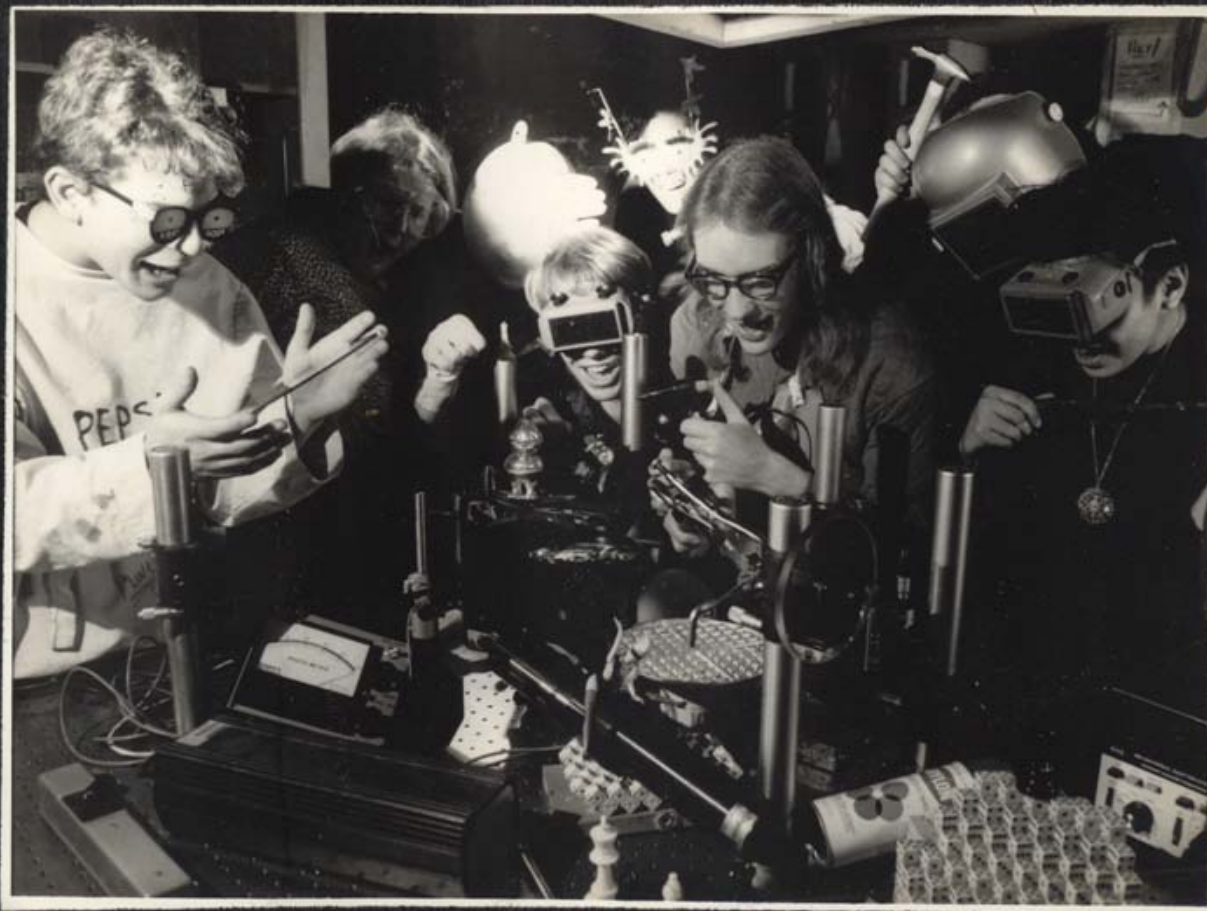




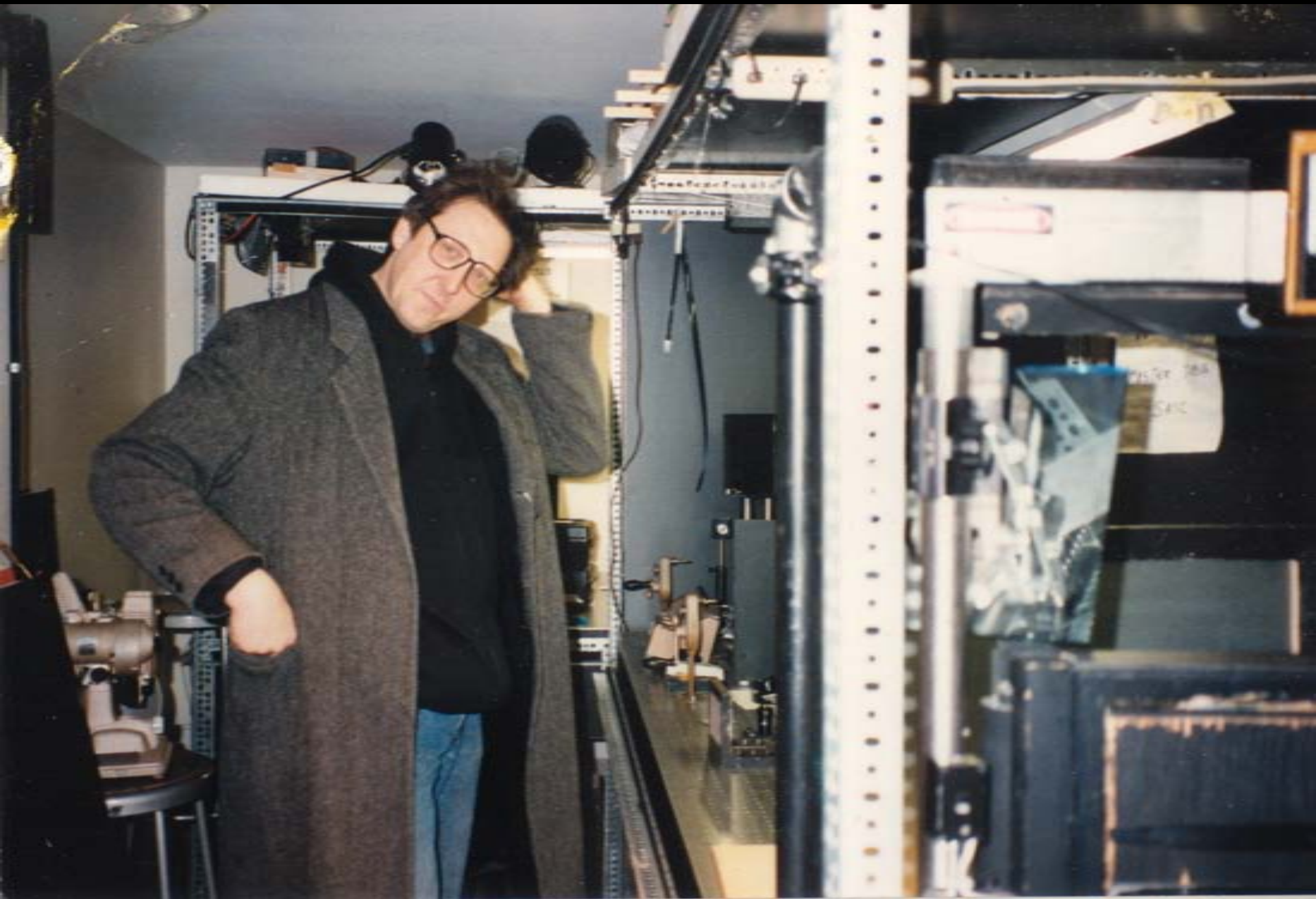
Beginning Table
Apparatus:
Spatial filter, shutter,
plateholder.







Postcard photo for ARC Gallery show. From left to right: Weston Morris, Paige Kaplan, Jeff Gimzek, Alicia Magarinos, Hans Wolf, Ed Wesley in welding helmet, Maria Zurbano. Eduardo Kac was standing outside the door, too cool for such frivolities.



Professor Wesly after a hard day's of classes.

B 013 Update

February, 2009



Former site of holo lab, now annexed by the Neon Shop



Greg Mowery, Neon Instructor, looks at where the holography storage shelves had previously lived.



Underside of the Newport tabletop, with isolators in foreground



Close up of how epoxy was applied to bind particle board to steel.

So Sad!

Wonder what will happen to all that
good stuff?