

FIG. 1 COMPLETE TETRAHEDRAL-ANVIL HIGH PRESSURE,  
HIGH TEMPERATURE X-RAY DIFFRACTION APPARATUS

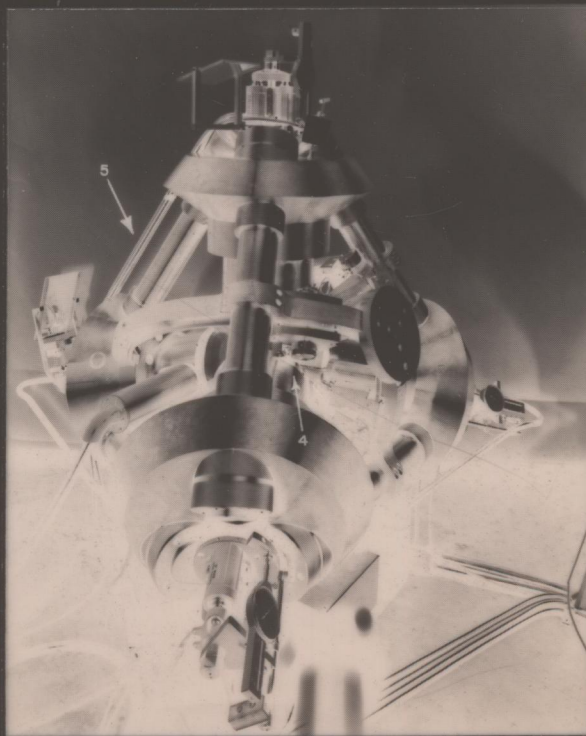


FIG. 2 TETRAHEDRAL-ANVIL PRESS (VIEW 1)

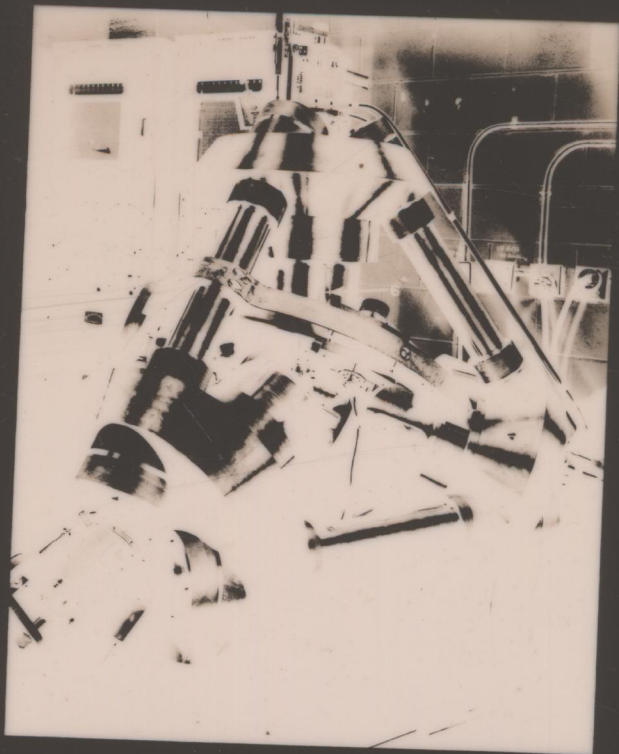


FIG. 3 TETRAHEDRAL-ANVIL PRESS (VIEW 2)

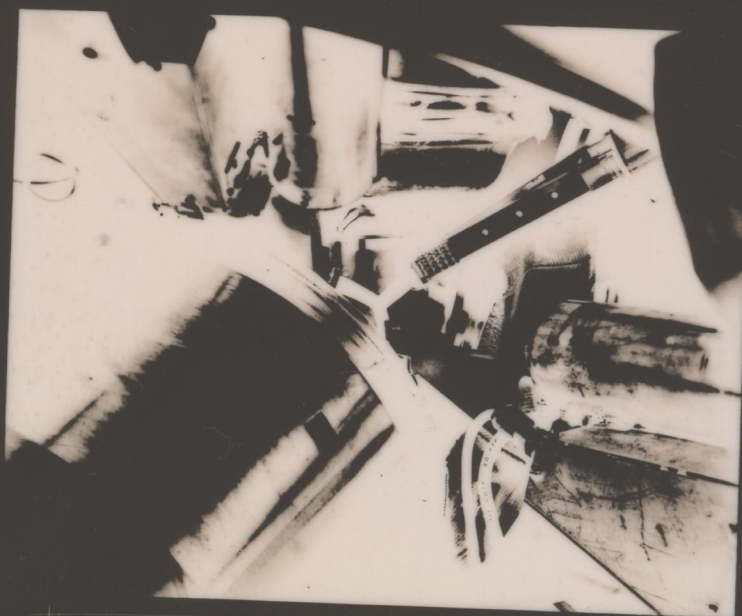


FIG. 4 COUNTER AND SLIT SYSTEM DETAIL

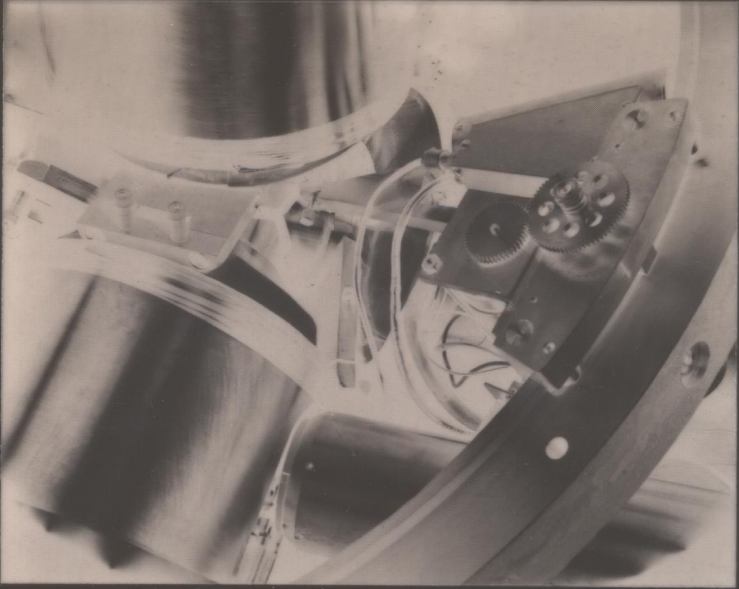


FIG. 5 X-RAY TUBE AND GEARED CARRIAGE DETAIL

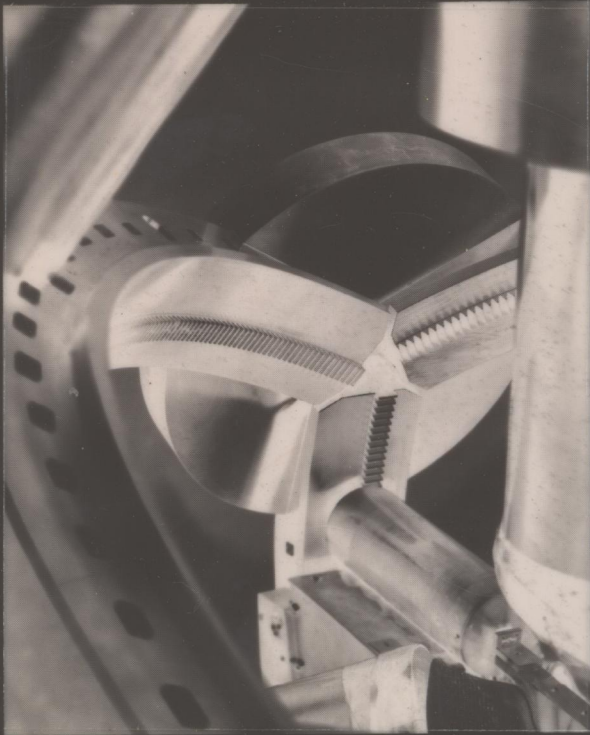


FIG. 6 SCANNING TRACK DETAIL



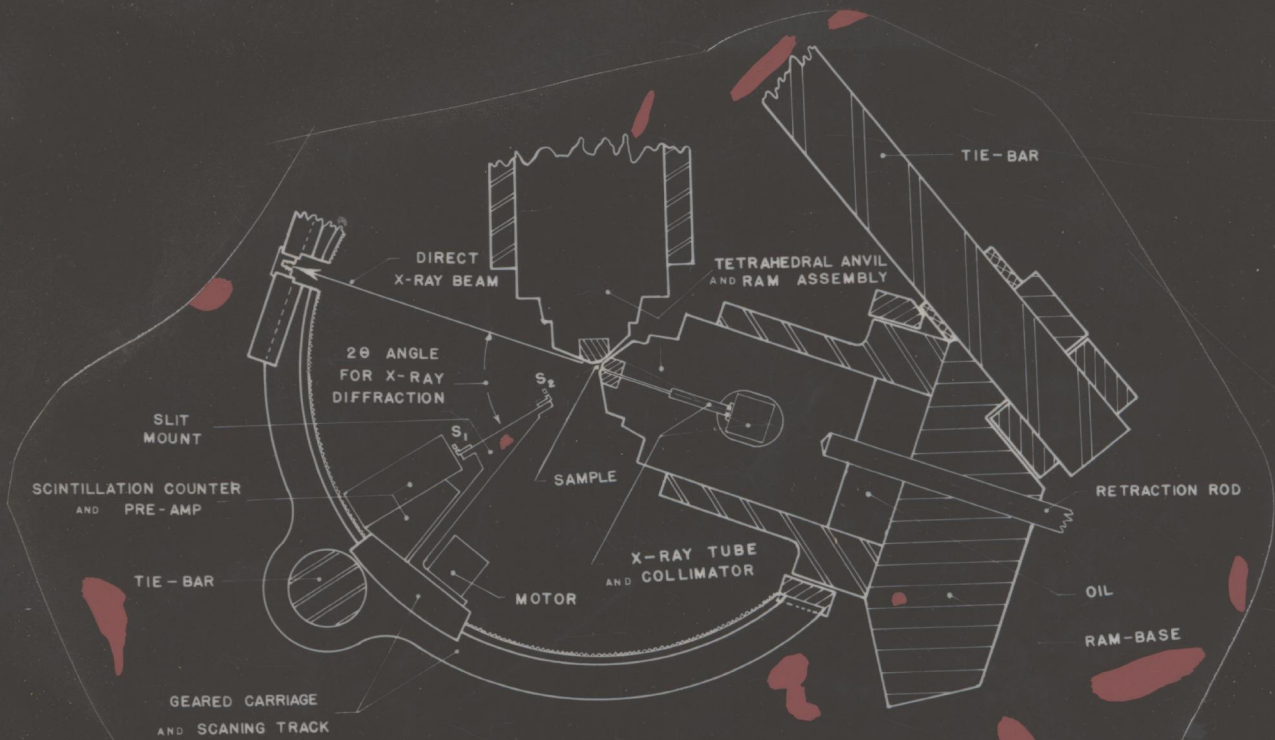


FIG. 7 RELATIONSHIP OF X-RAY GEOMETRY TO TETRAHEDRAL-ANVIL PRESS GEOMETRY

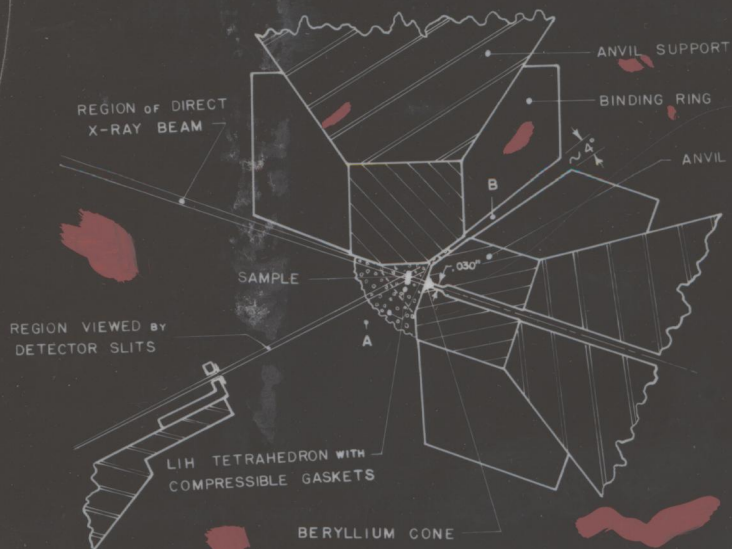


FIG. 8 SAMPLE CHAMBER DETAIL

