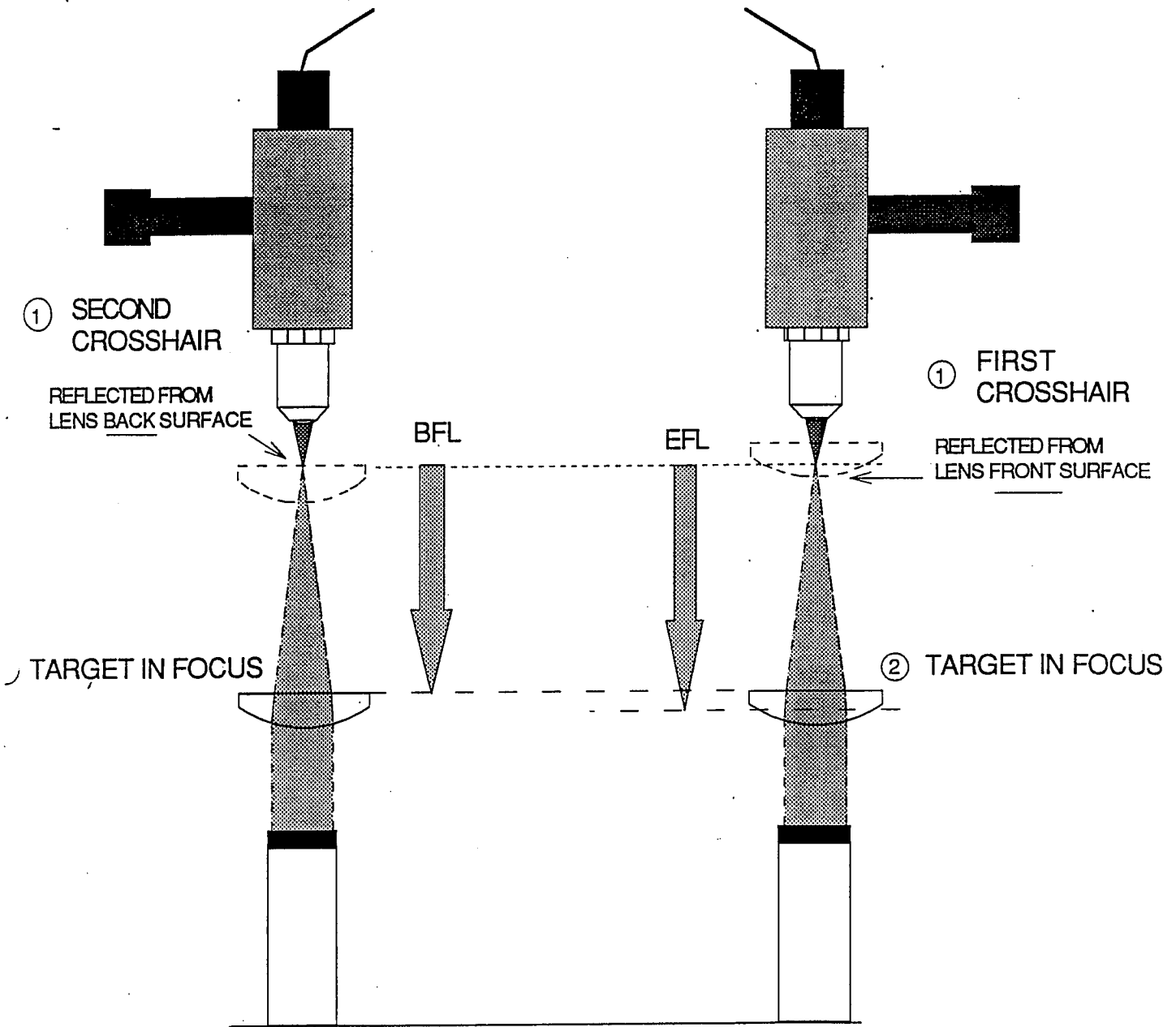


# BFL METHOD

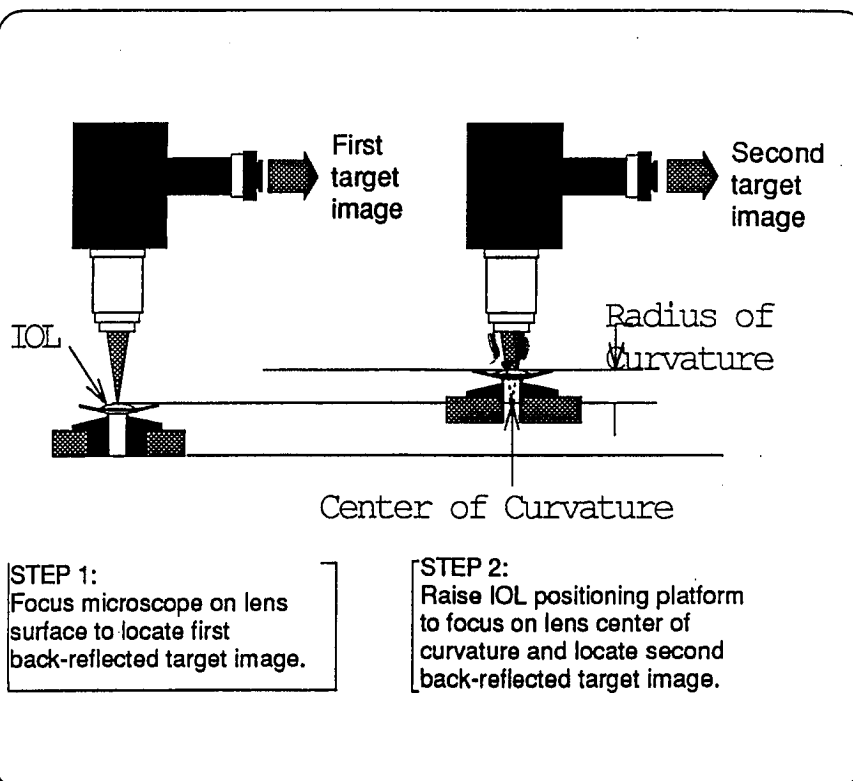
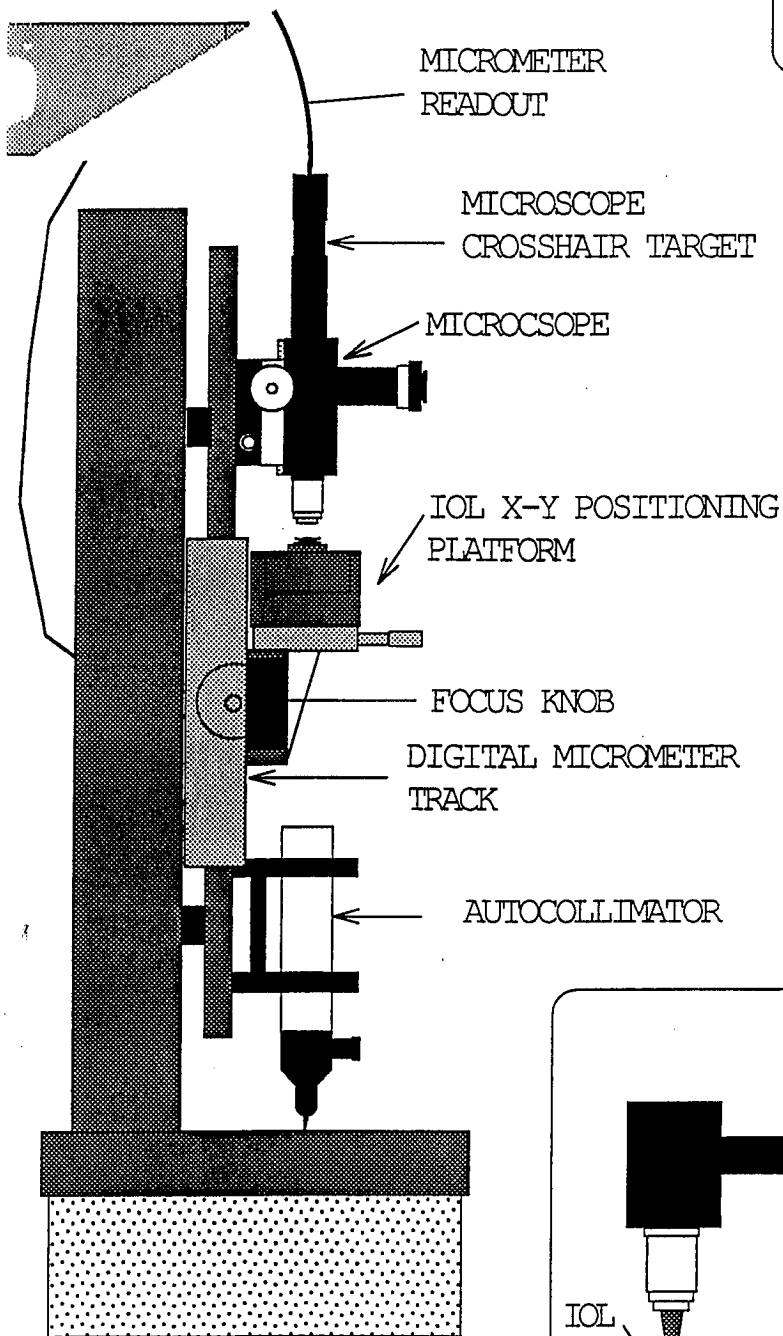
(BACK FOCAL LENGTH)

# DPR/EFL METHOD

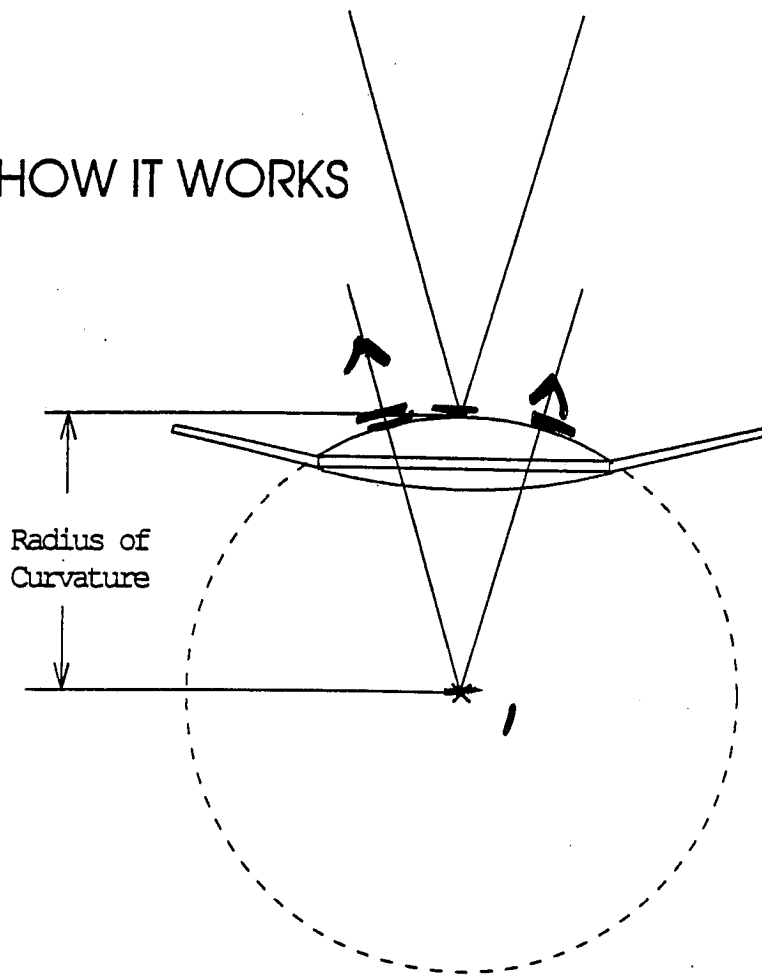
(EFFECTIVE FOCAL LENGTH)



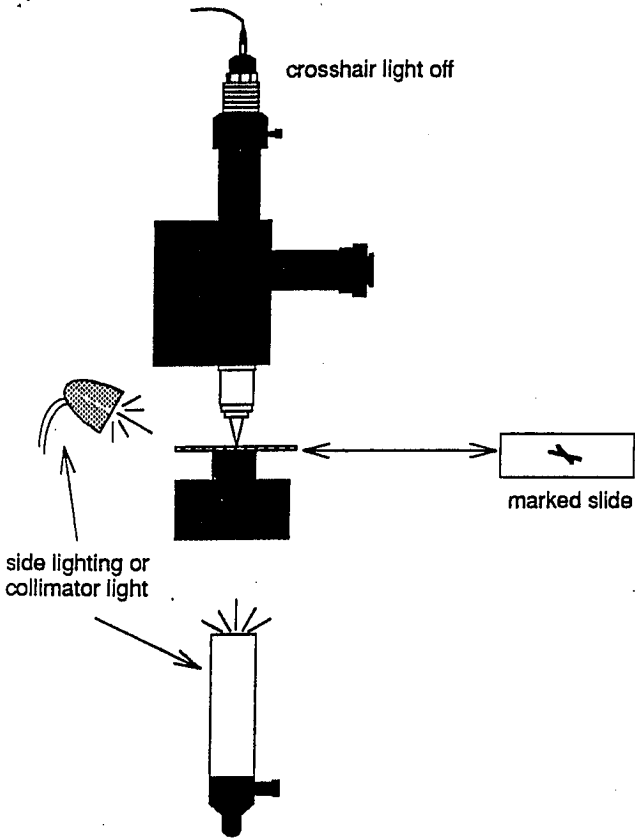
# RADIUS OF CURVATURE ON BFL BENCH



# HOW IT WORKS

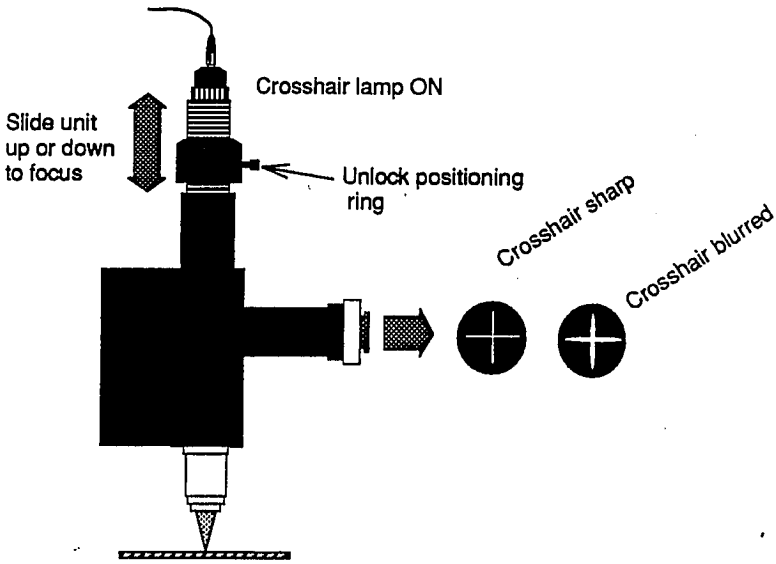
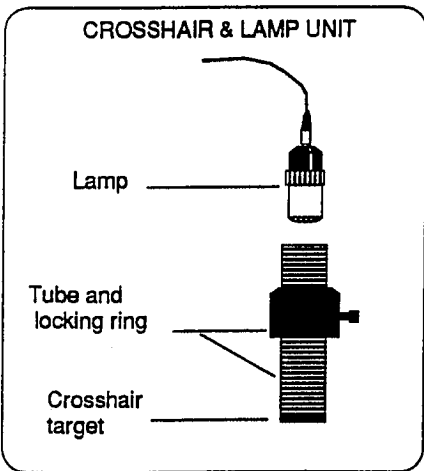


# ADJUSTING CROSSHAIR FOCUS



1 Focus microscope on marked glass slide, etc. Use side lighting or lower collimator for illumination. Bring surface markings, dust, etc. into sharp focus.

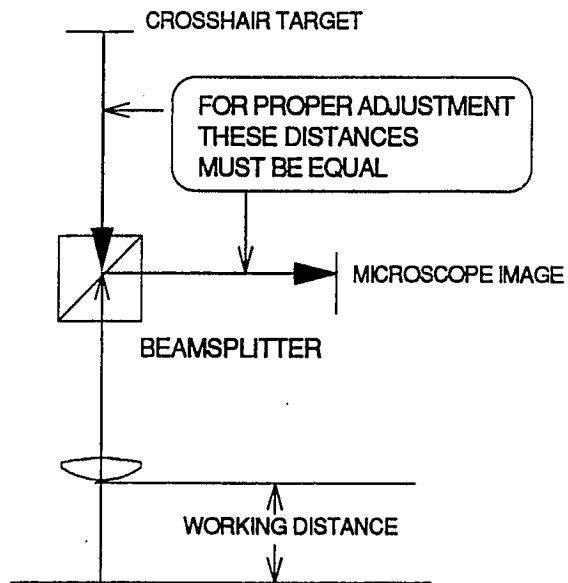
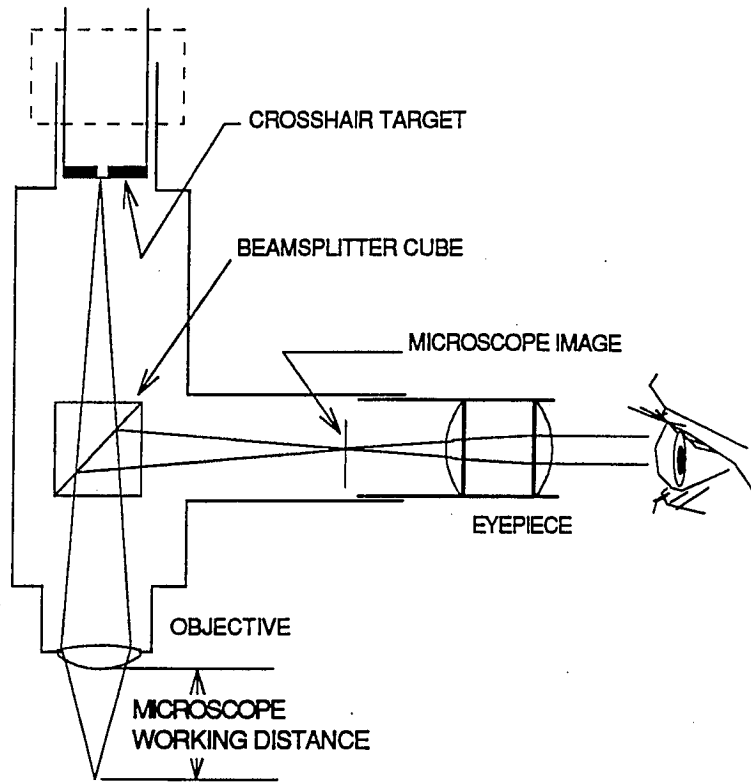
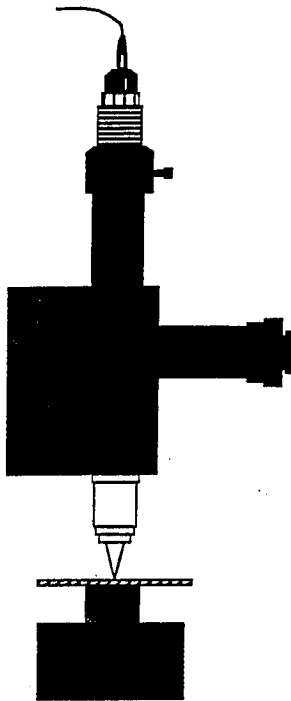
2 Do not touch focus knob. Switch on crosshair lamp and turn off other illumination. Unlock crosshair focusing ring and adjust position of crosshair and lamp unit to bring crosshair image into sharp focus. Move positioning ring to new setting.



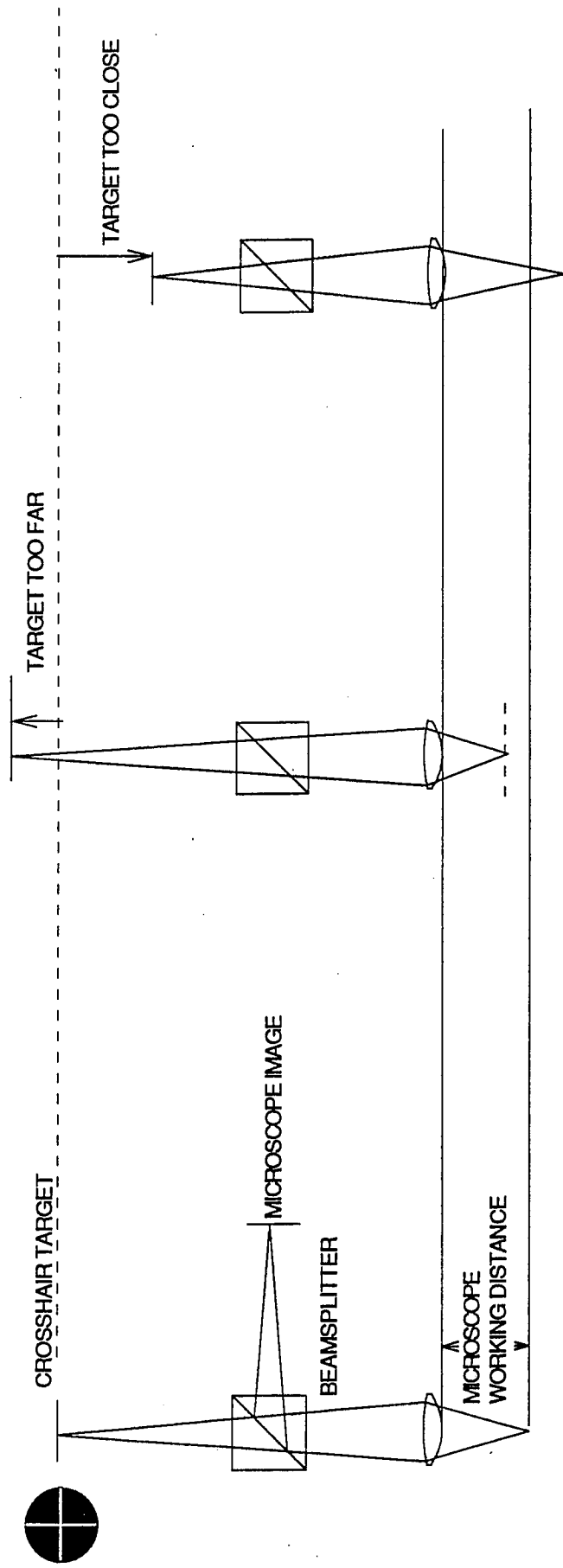
3 Recheck adjustment by switching from crosshair lamp to collimator to make sure that both surface of slide and crosshair images are in sharp focus. Lock positioning ring in place.

(2)

# OPTICAL PATH DIAGRAM



# EFFECT OF IMPROPER CROSSHAIR POSITION



PROPER ADJUSTMENT: _____	TARGET TOO FAR: _____	TARGET TOO CLOSE: _____
PROJECTED CROSSHAIR IMAGE FORMS AT MICROSCOPE FOCUS.	CROSSHAIR IMAGE FORMS TOO CLOSE TO OBJECTIVE,	CROSSHAIR IMAGE FORMS BEYOND MICROSCOPE FOCUS
LENS AND CROSSHAIR ARE IN SHARP FOCUS AT SAME TIME	BFL TOO LARGE.	BFL TOO SMALL