



FIG. 18 SECOND MICROSCOPE MOUNTED IN THE HORIZONTAL PLANE.

- 1 MICROSCOPE STAND.
- 2 LOCKING KNOB.
- 3 HEIGHT CALIBRATION SLEEVE AND SCREW.
- 4 MICROSCOPE BASE.
- 5 TRANSLATION.
- 6 ADJUSTABLE OCULAR.
- 7 LOCKING SCREW.
- 8 MICROSCOPE; MAGNIFICATION 125 X  
RETICLE 0.01 MM / SCALE DIVISION.

PROCEDURE TO INSTALL THE SECOND MICROSCOPE.

- ATTACH THE MICROSCOPE STAND 1 TO THE BASE OF THE GONIOMETER USING THE EXISTING HOLES "A". MAKE SURE THAT IT IS PERFECTLY VERTICAL.
- MOUNT THE TEST CRYSTAL AND CENTER IT (HEIGHT 63.96 MM) USING THE STANDARD CAD4 MICROSCOPE.
- ADJUST THE POSITION OF THE SECOND MICROSCOPE AS TO GET THE TEST CRYSTAL IN THE CENTER OF THE RETICLE. CALIBRATE THE HEIGHT WITH SLEEVE 3 ("B"), ROTATE AROUND "C" AND LOCK WITH KNOB 2.
- THE MICROSCOPE MUST BE REMOVED FROM THE STAND 1 BEFORE OPERATING THE GONIOMETER. THE STAND DOES NOT INTERFERE WITH ANY AXES MOVEMENT AND CAN BE LEFT TO THE BASE OF THE GONIOMETER.