

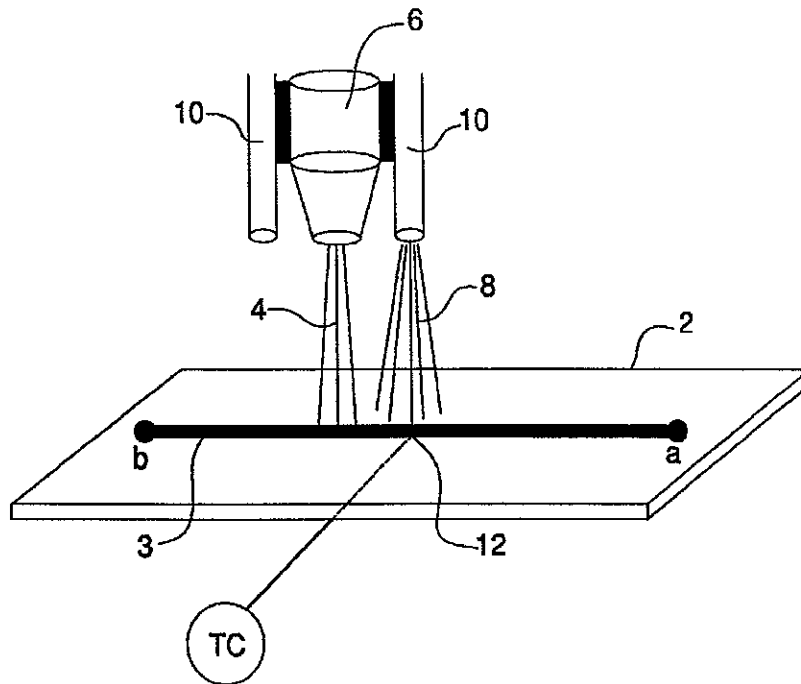


FIG. 1

coating sequence:
a->b->a->b or a->b, a->b,...

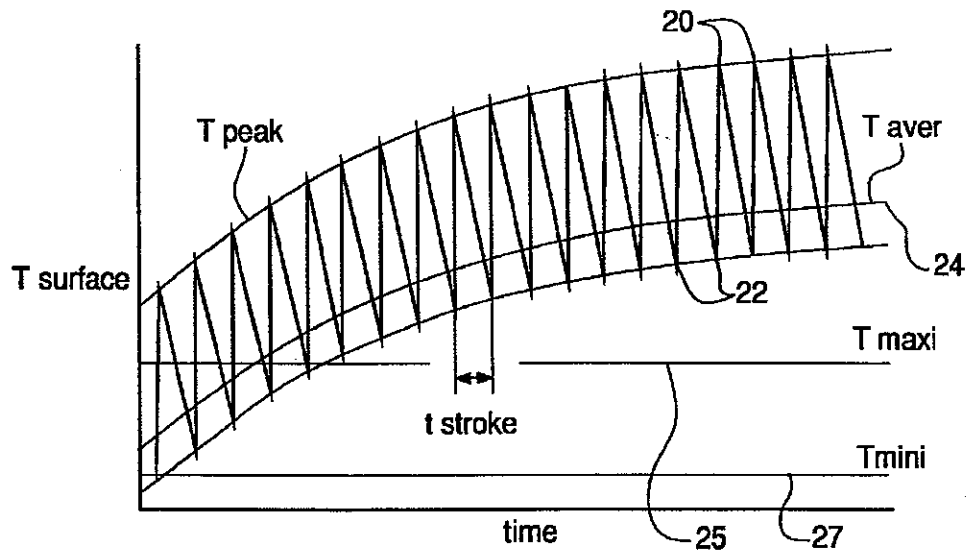


FIG. 2

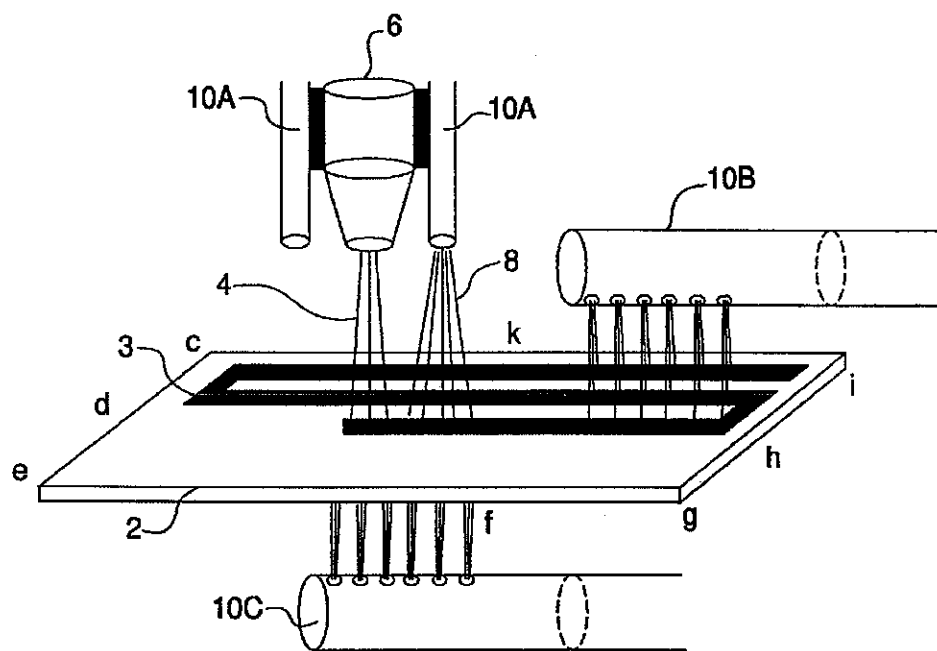
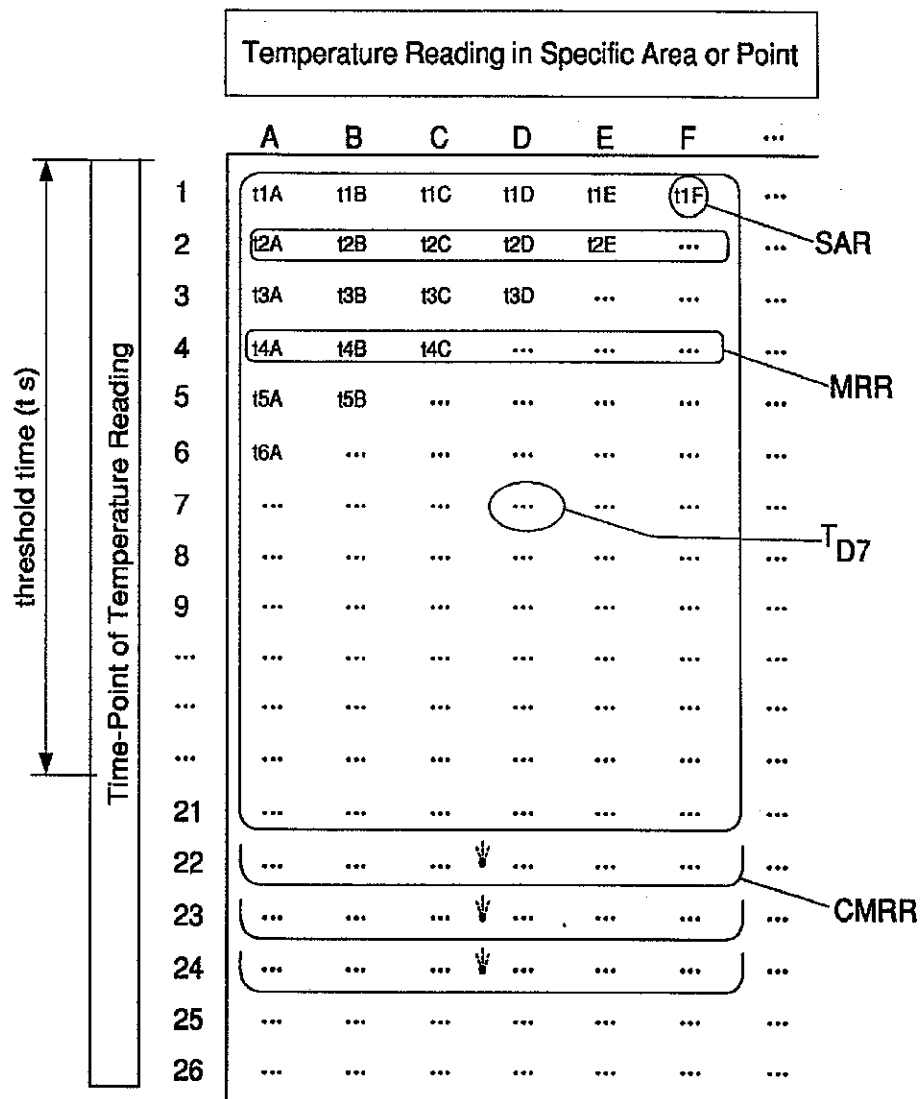


FIG. 3



SAR - single area reading
MRR - multi-area reading
CMRR - cumulative multi-area reading

FIG. 5

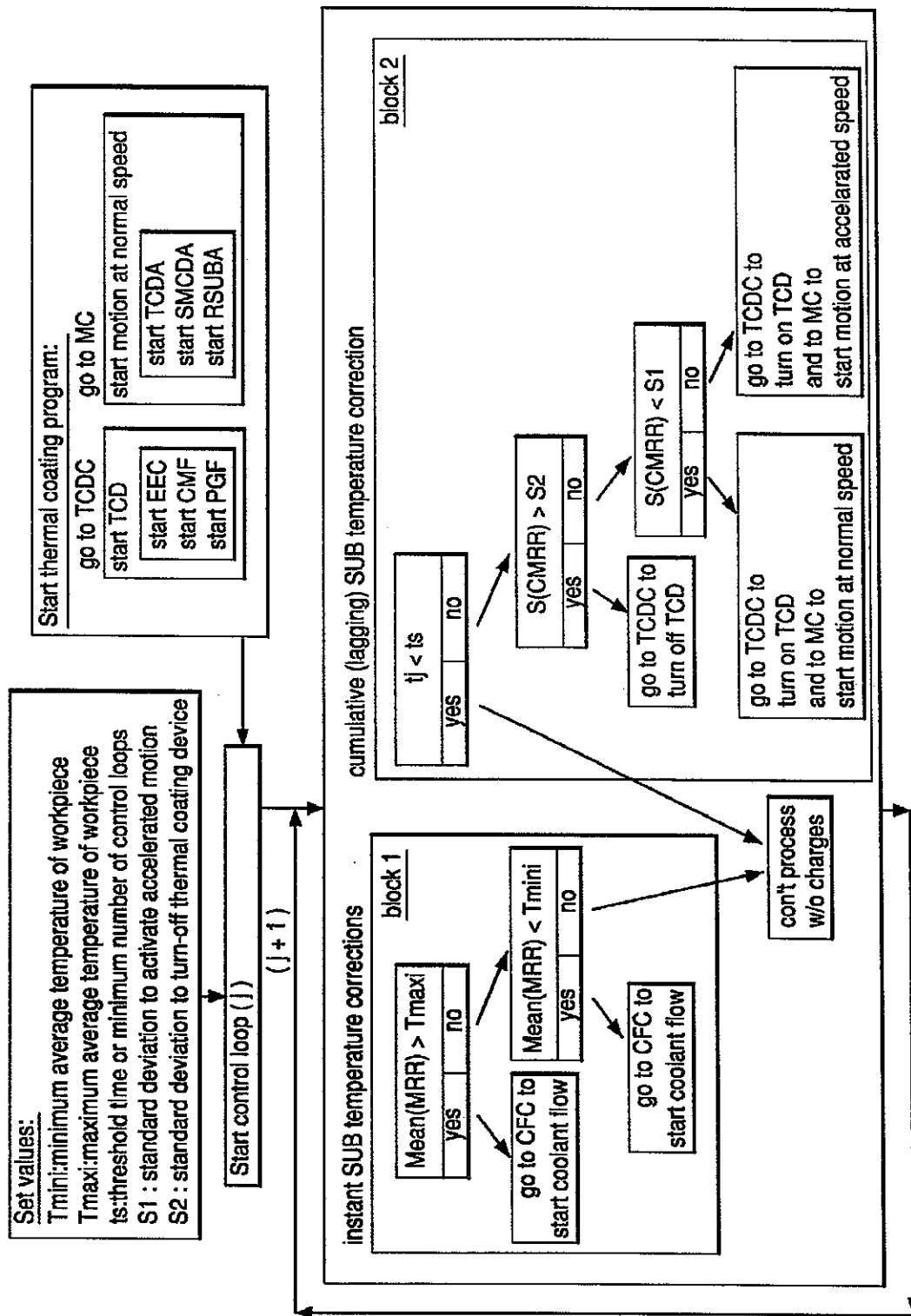


FIG. 6

FIG. 7: Temperatures During Cryo-cooled HVOF Coating Operation

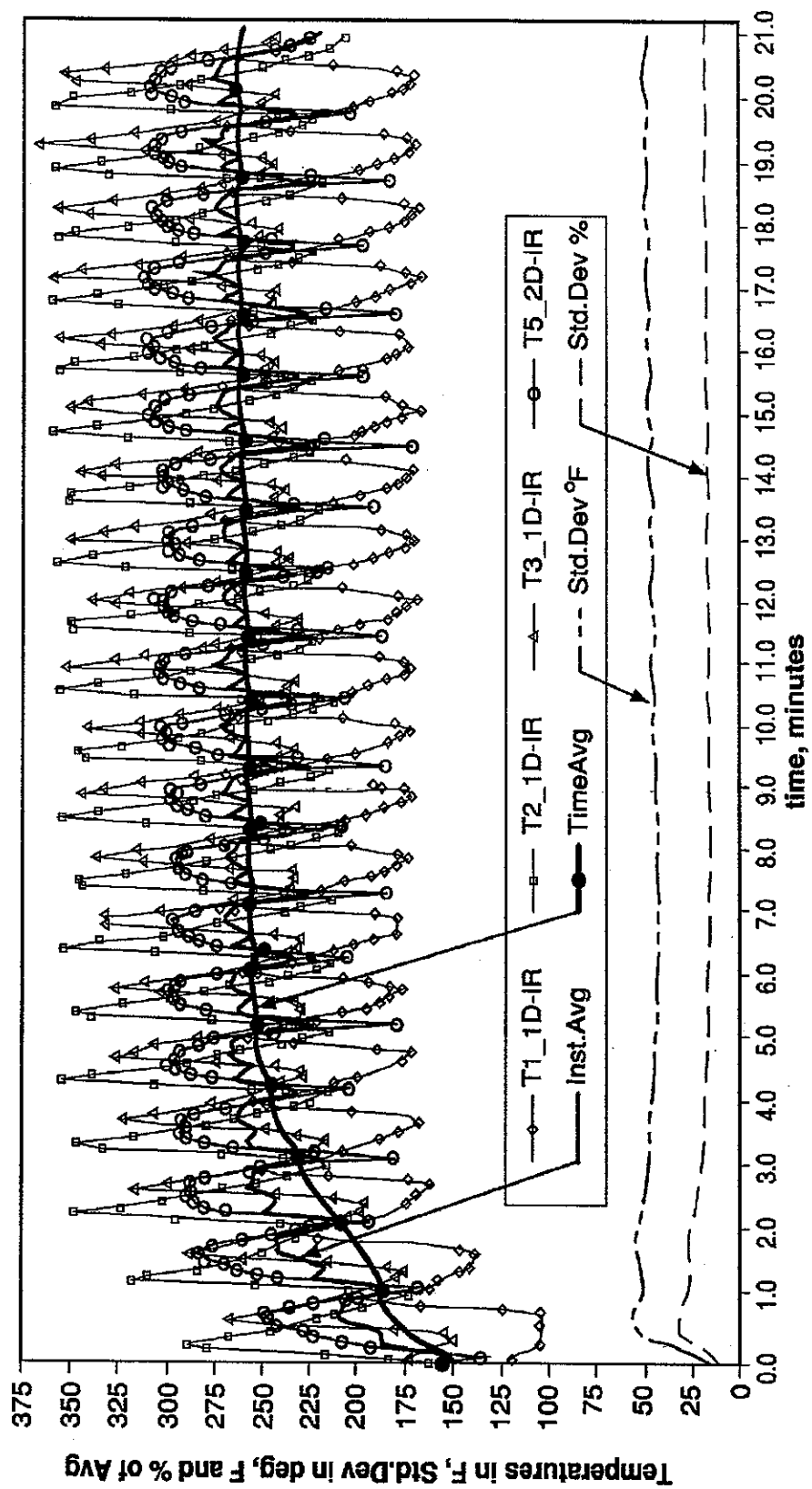
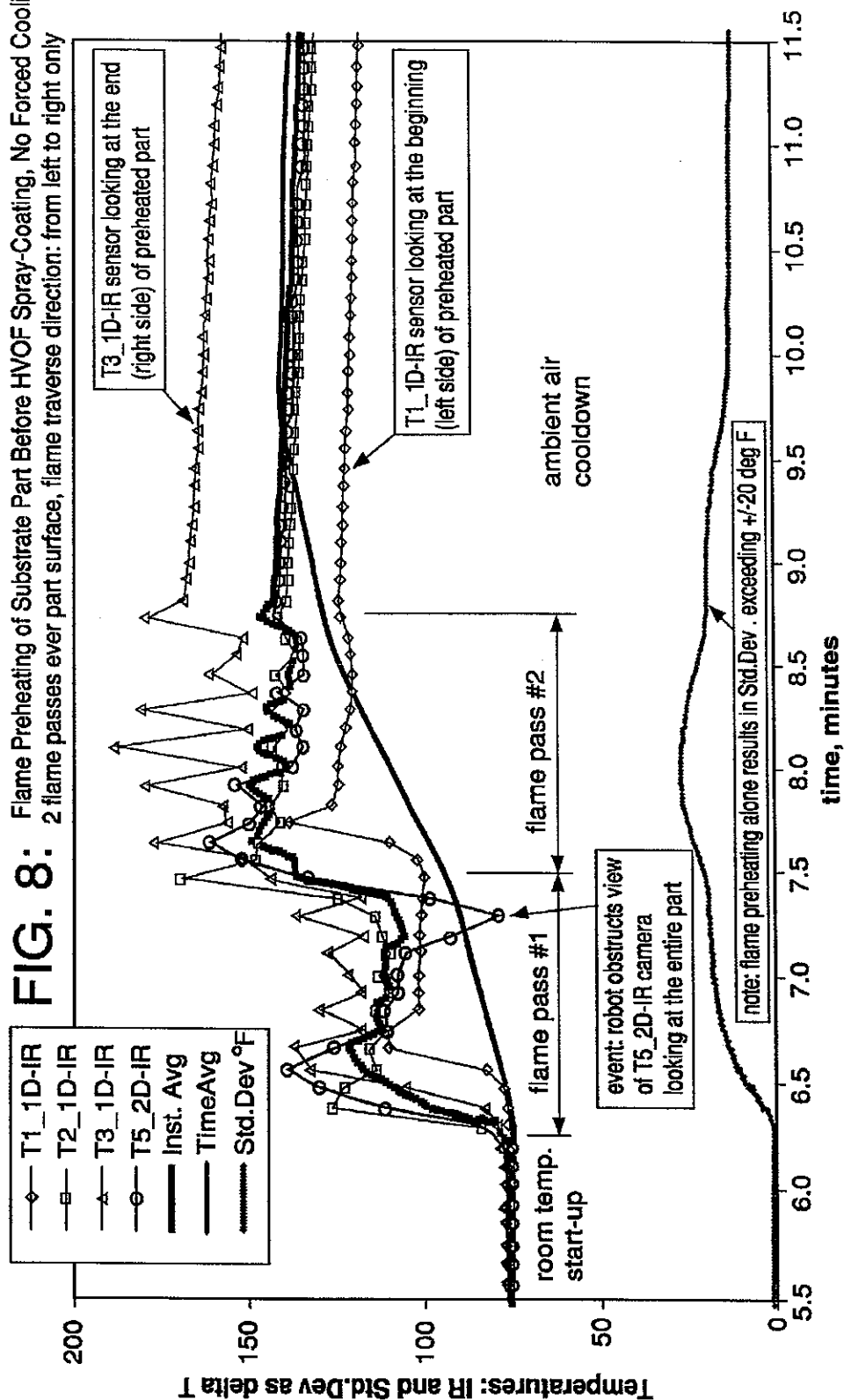


FIG. 8: Flame Preheating of Substrate Part Before HVOF Spray-Coating, No Forced Cooling
 2 flame passes over part surface, flame traverse direction: from left to right only



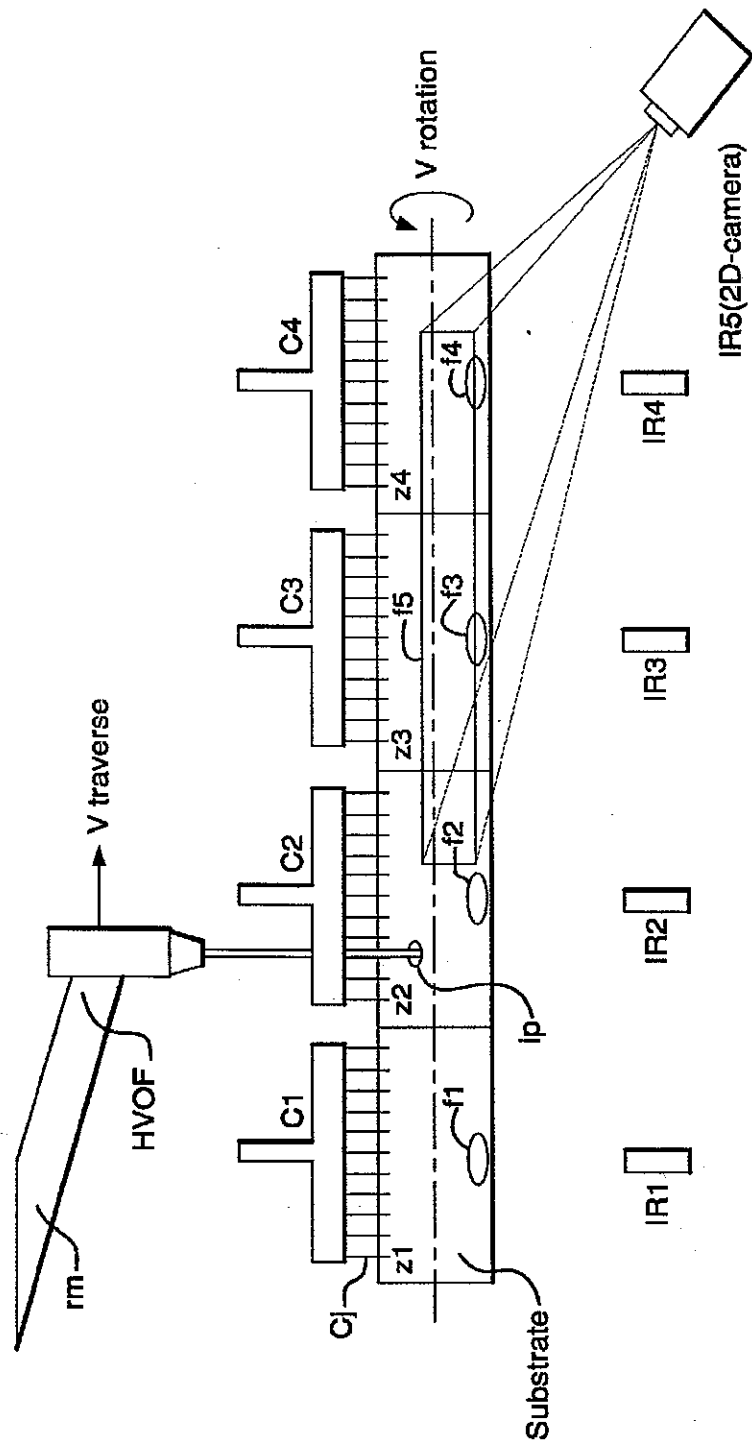


FIG. 9