

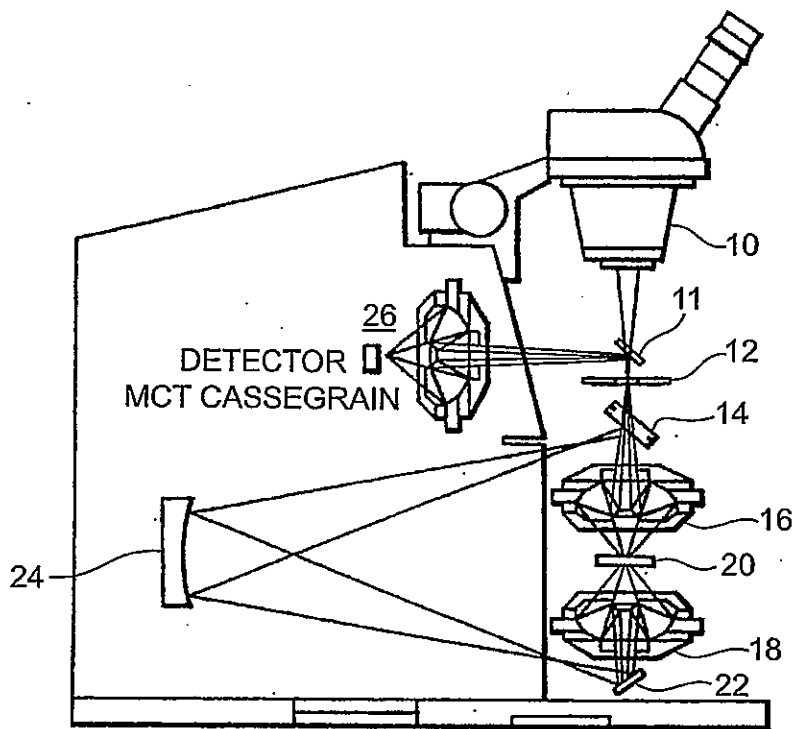


FIG. 1

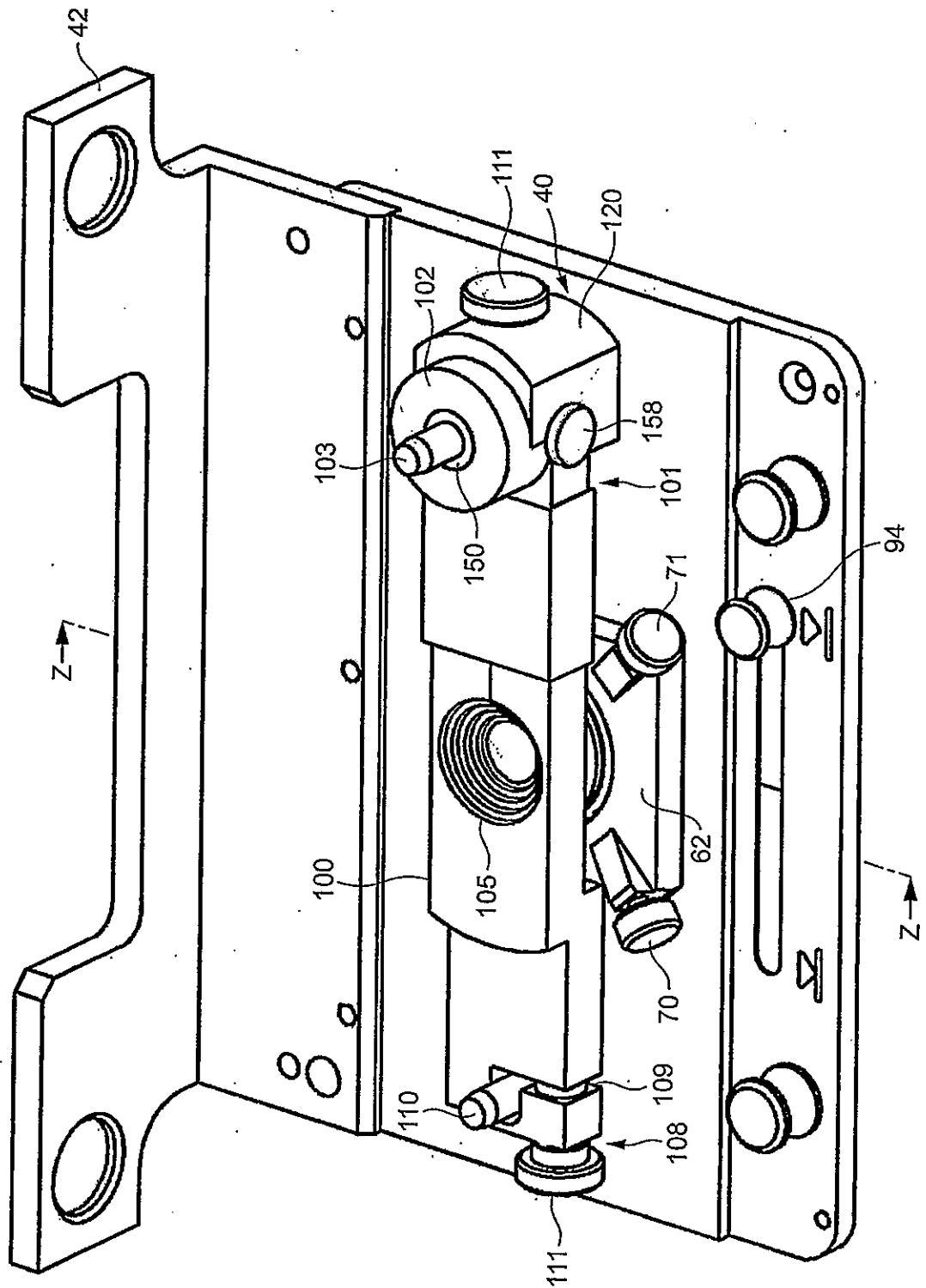


FIG. 2

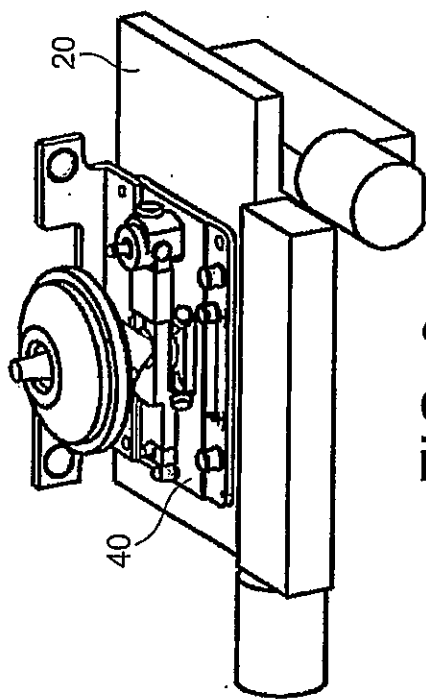


FIG. 3

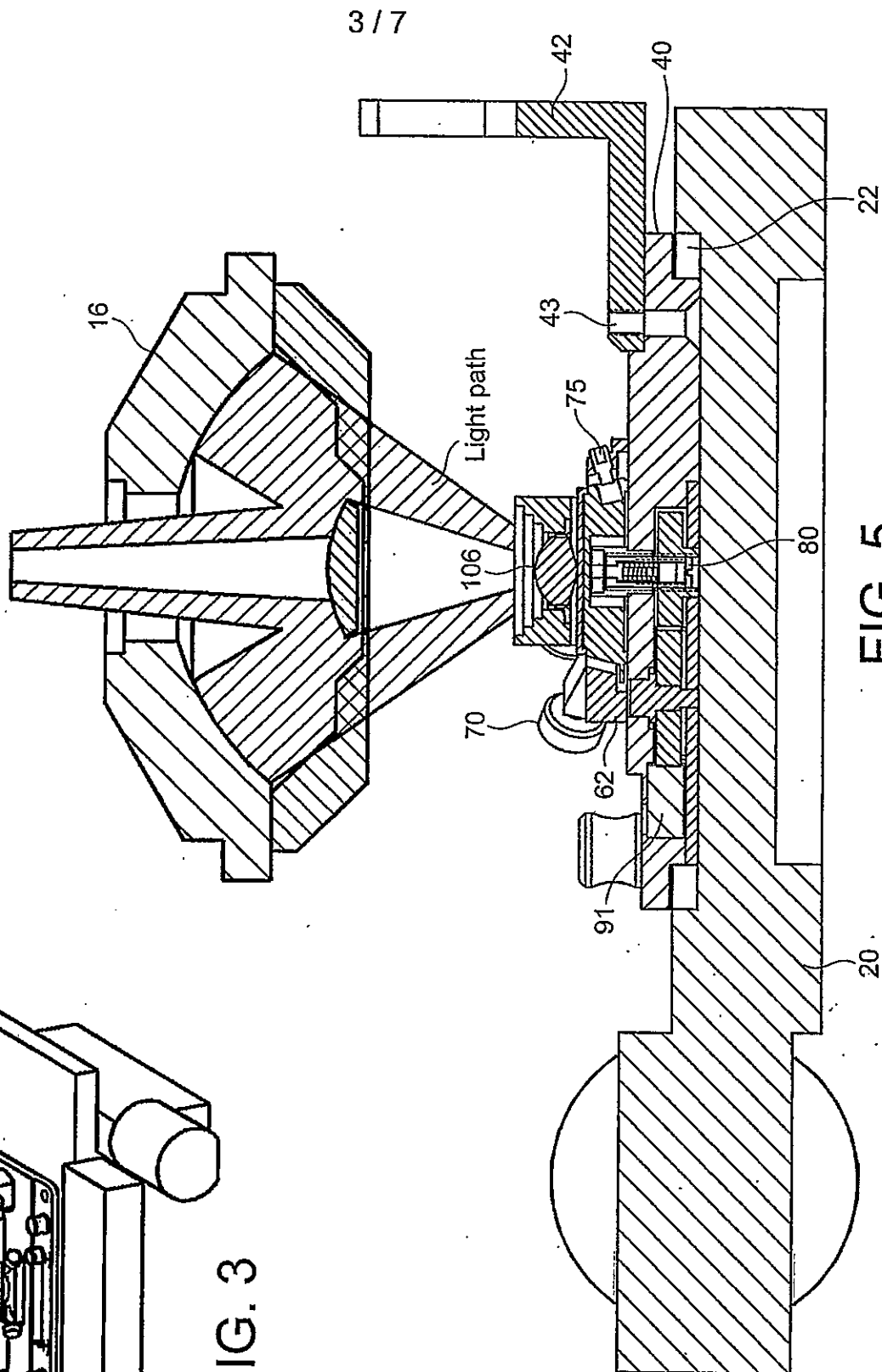


FIG. 5

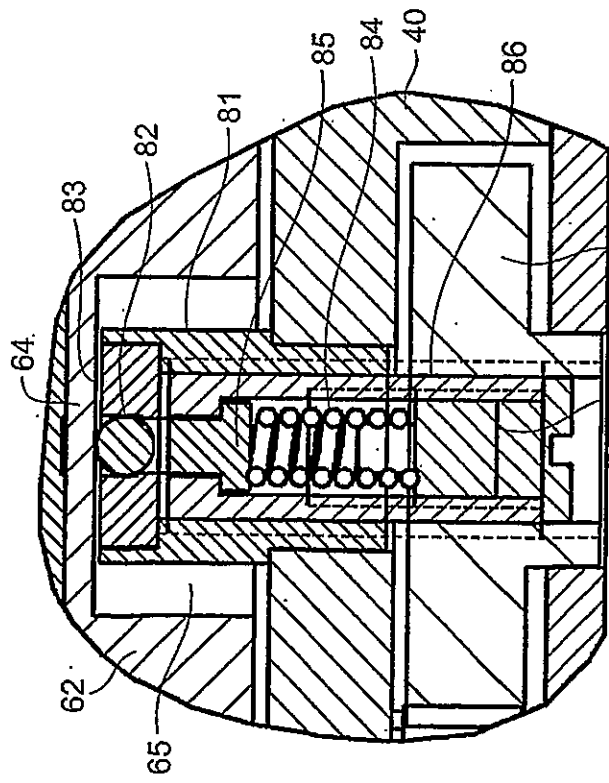


FIG. 6

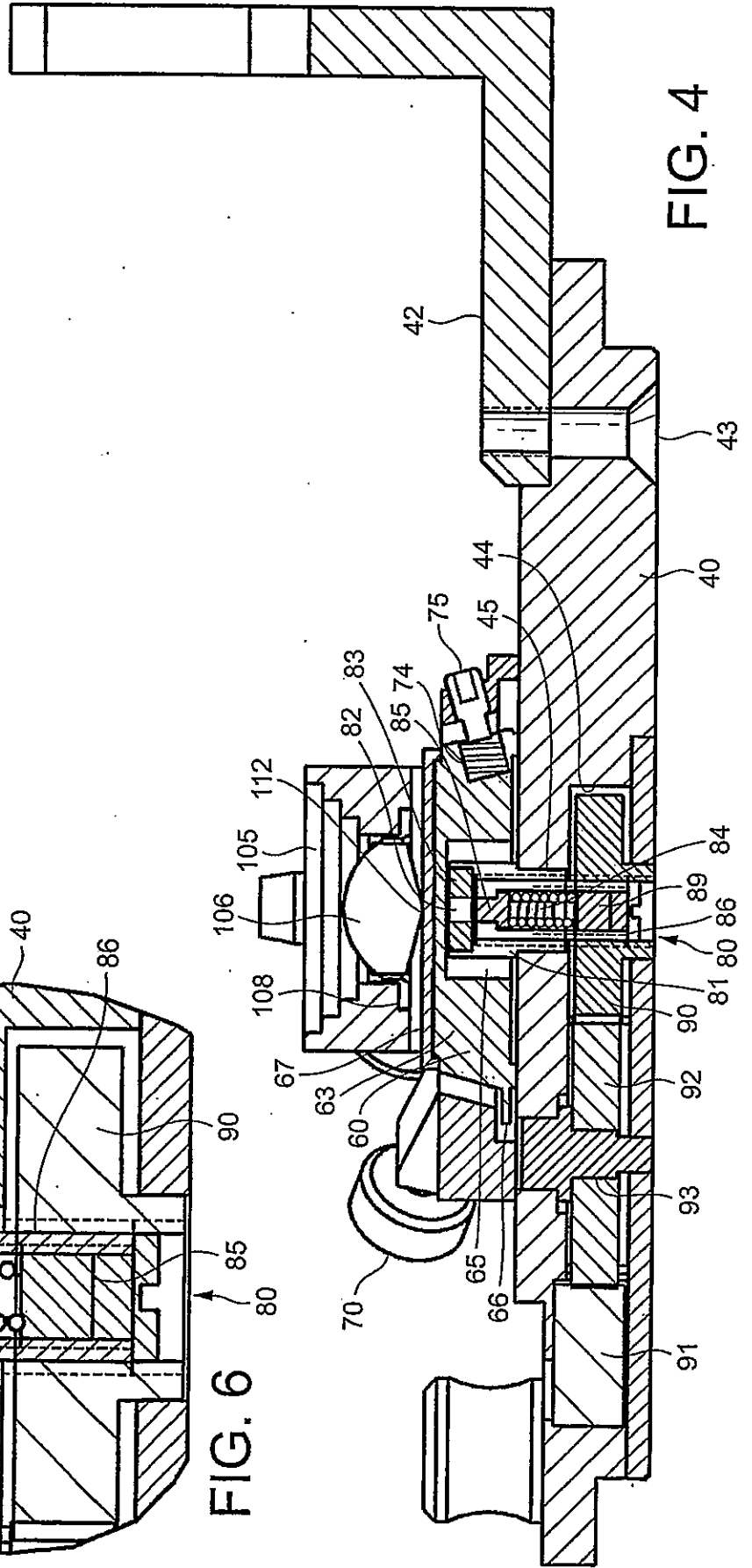
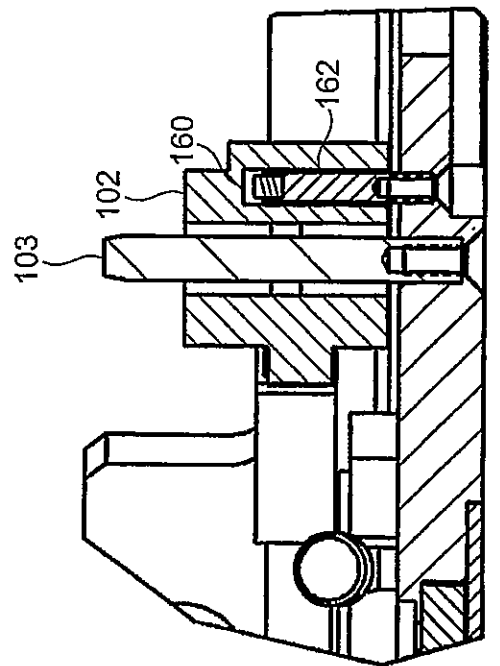
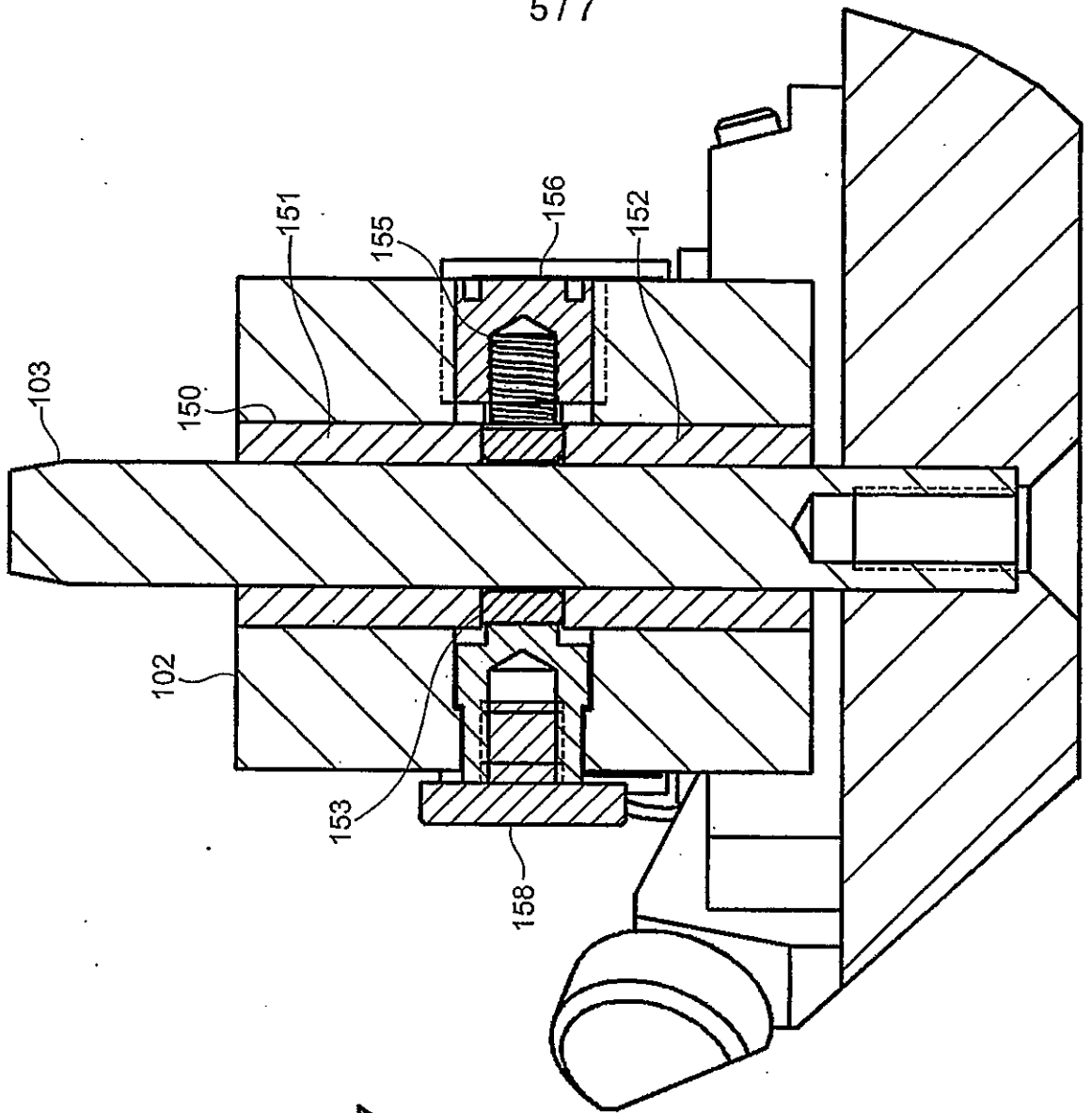
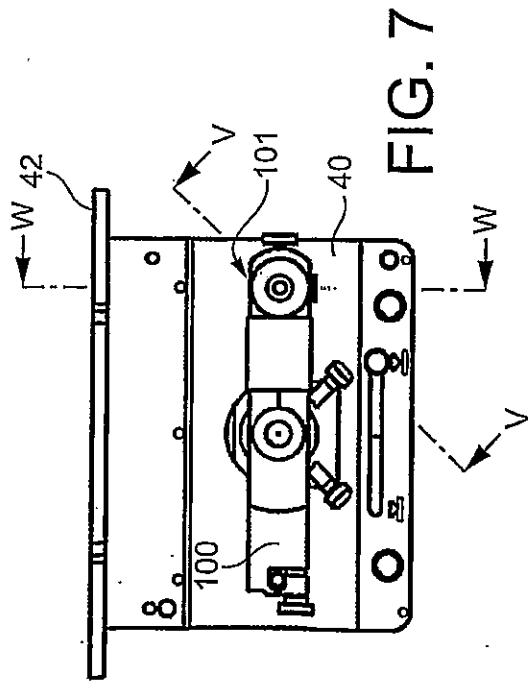


FIG. 4



Plan View of ATR Crystal -- Crystal Location

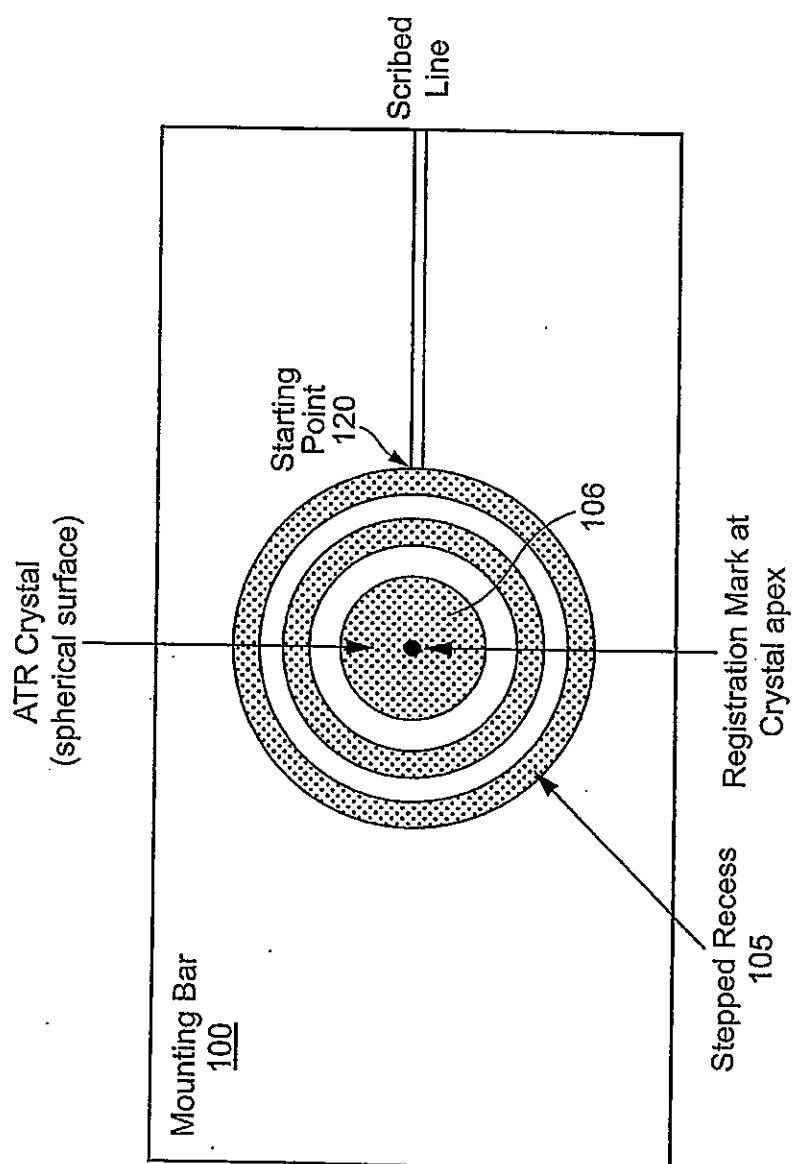


FIG. 10

ATR Automatic Spectral Processing Sequence

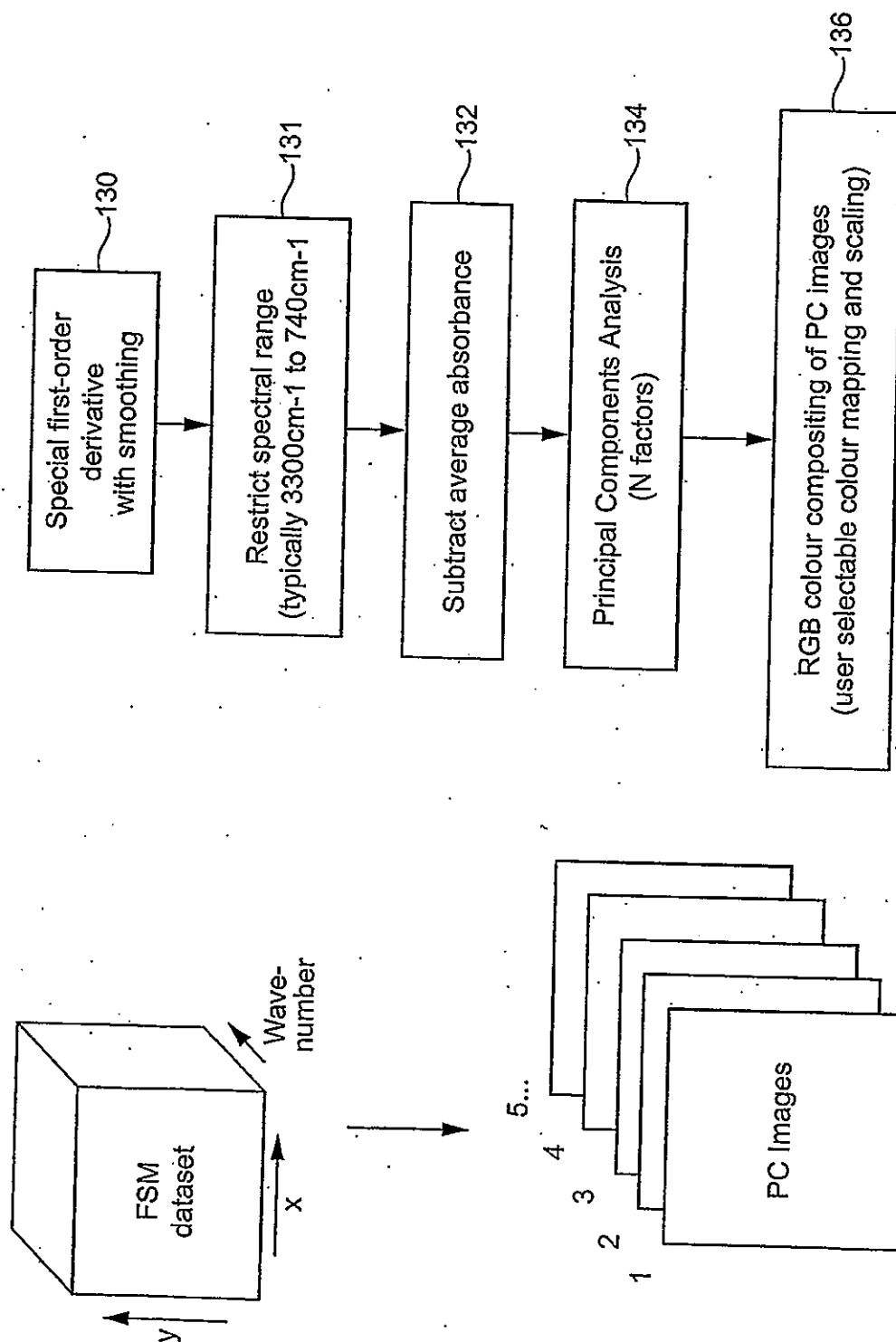


FIG. 11