

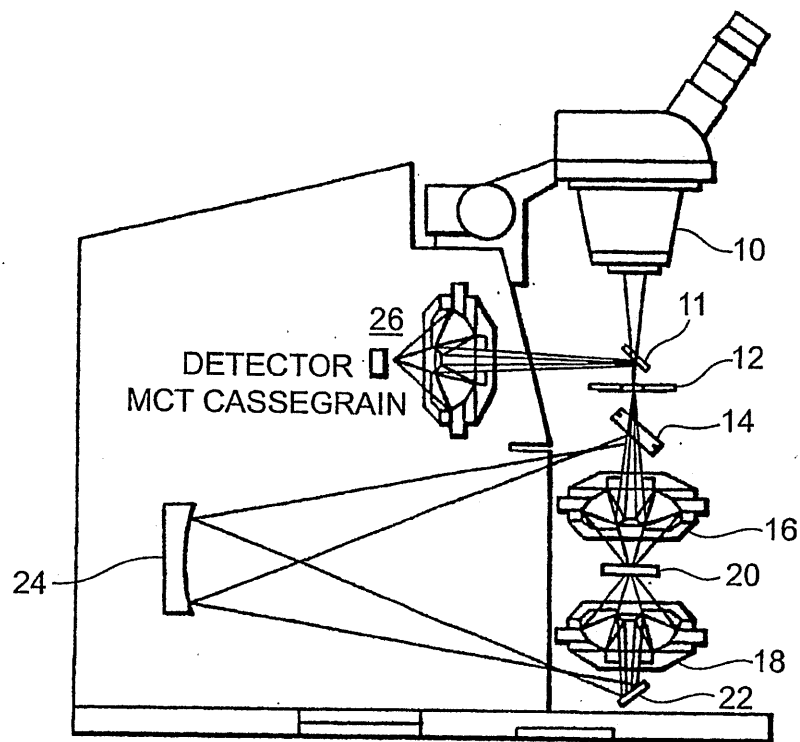


FIG. 1

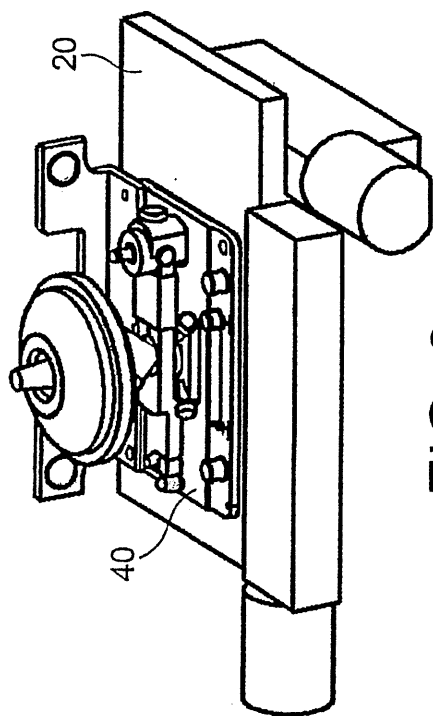


FIG. 3

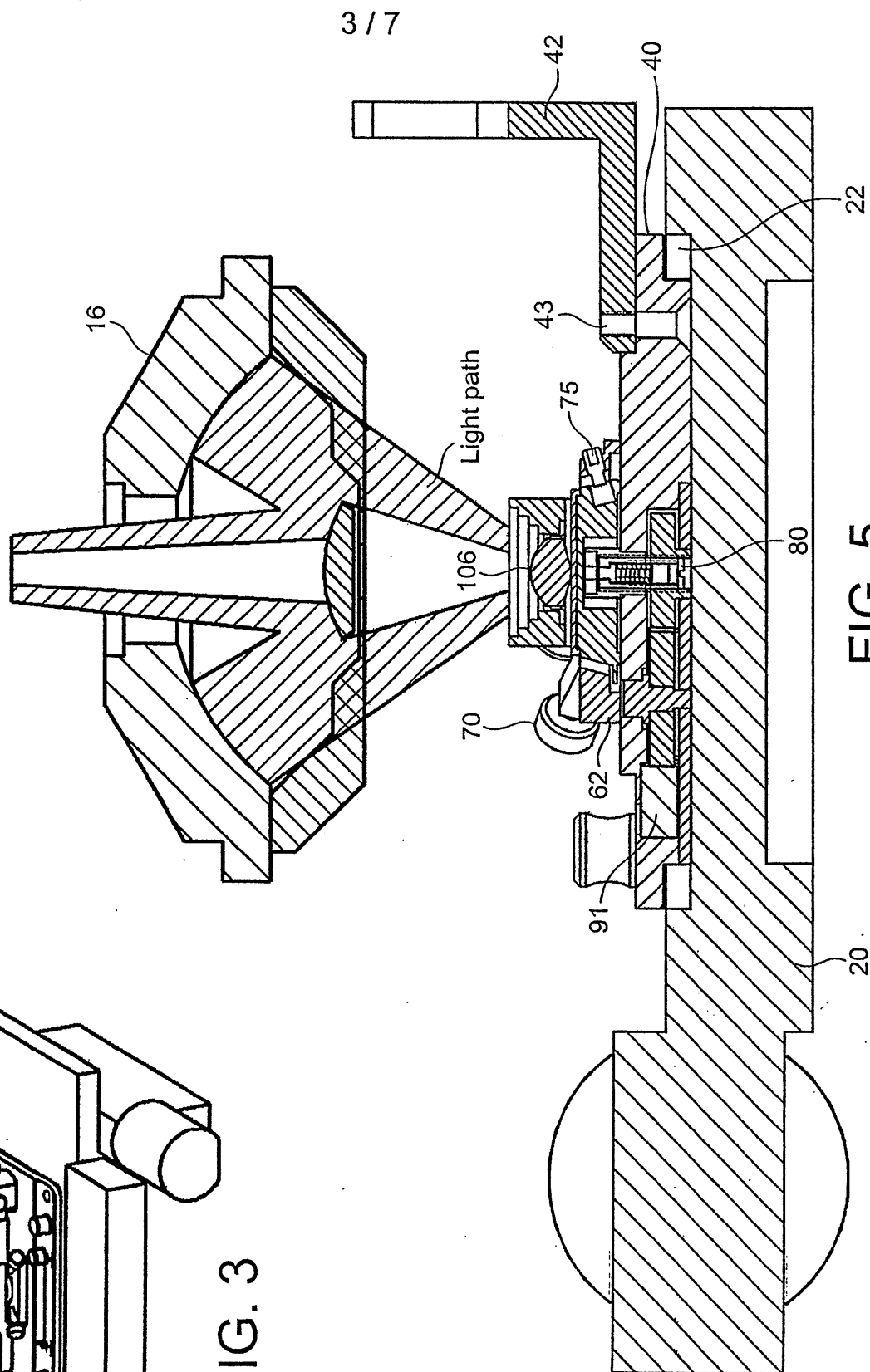
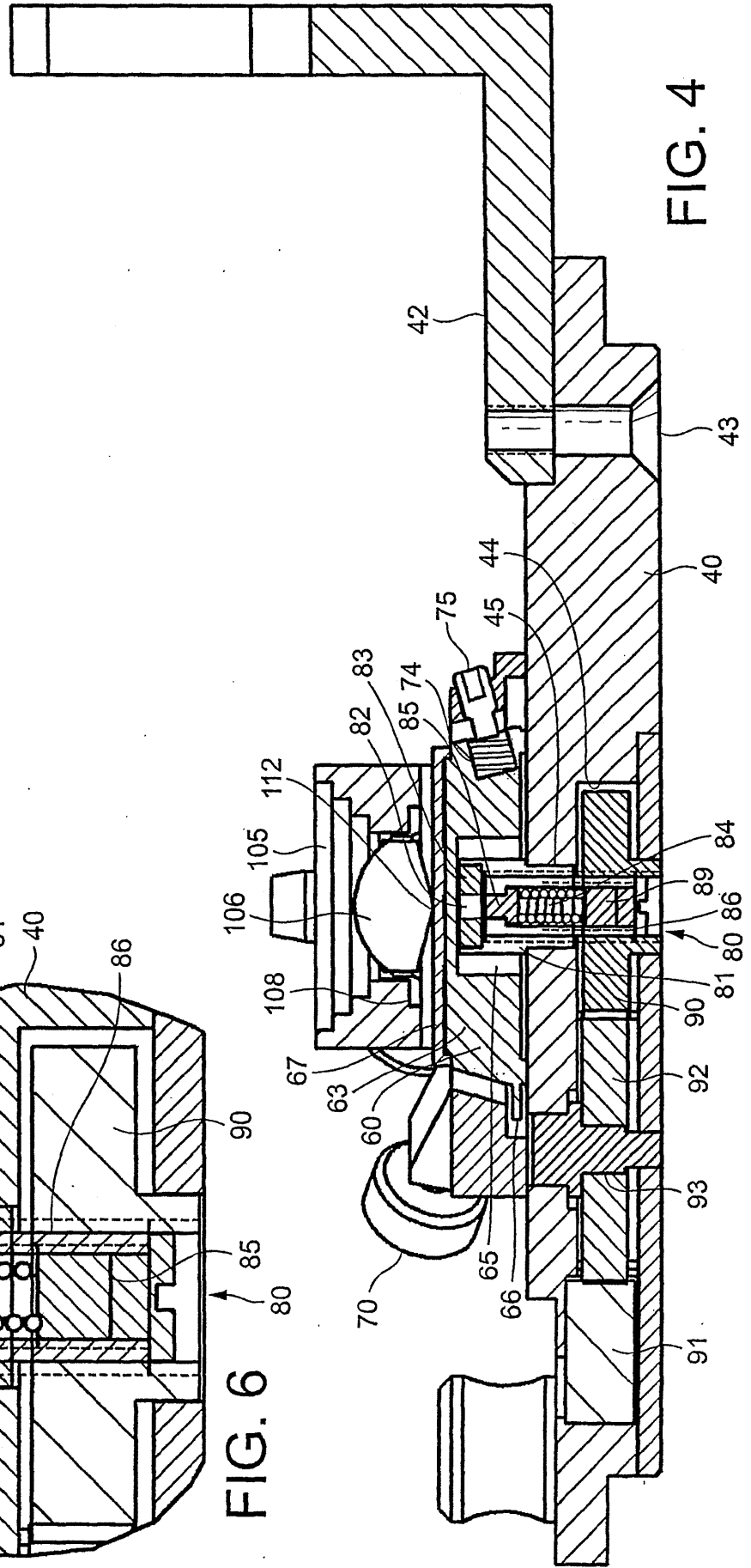
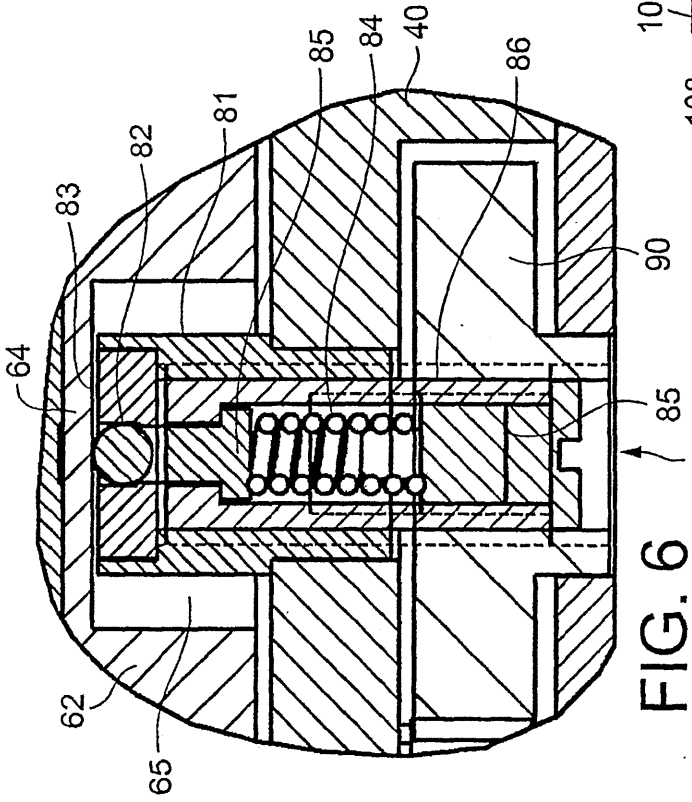


FIG. 5



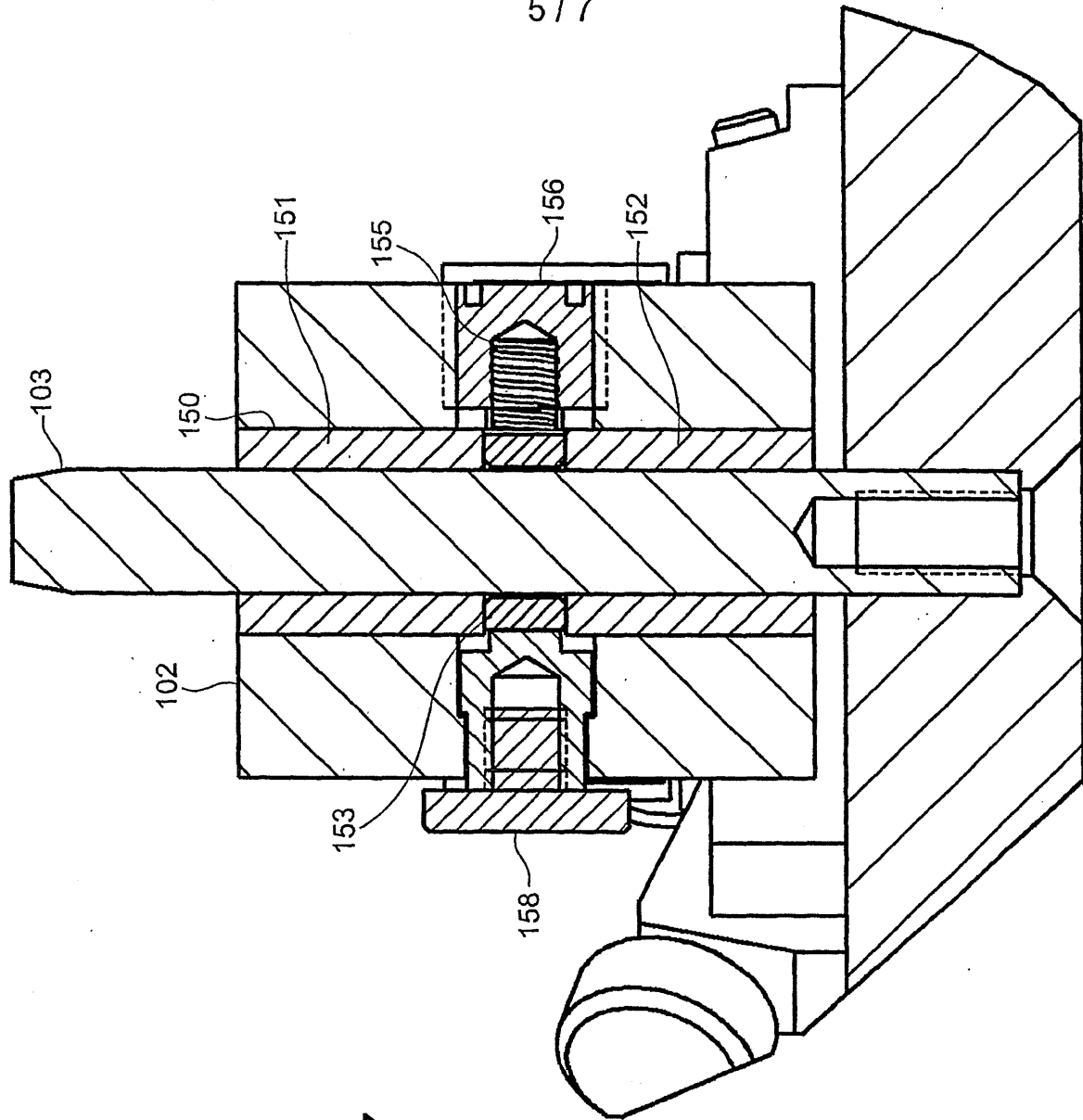
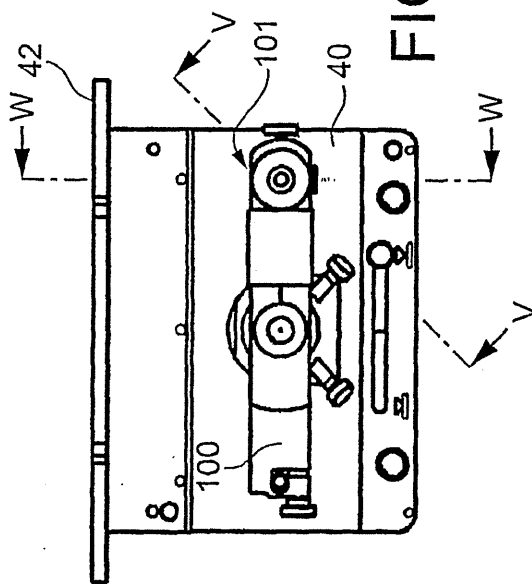


FIG. 9

Plan View of ATR Crystal -- Crystal Location

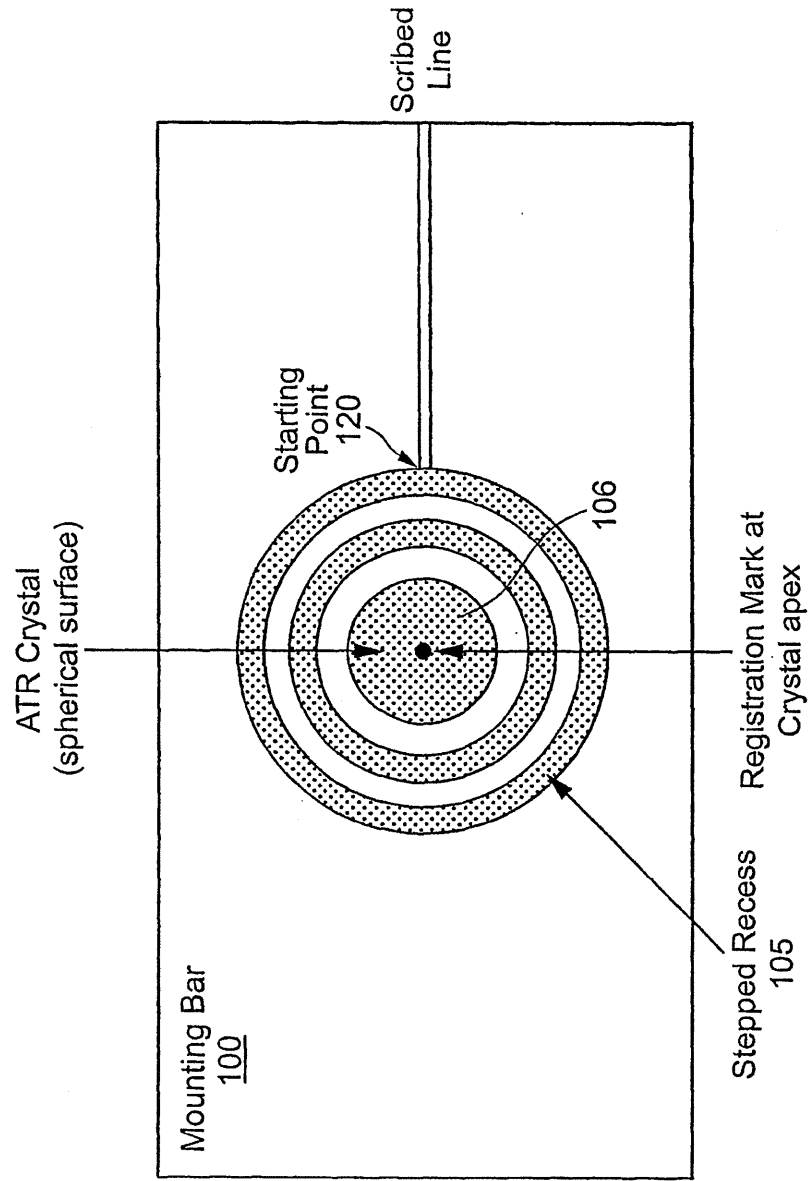


FIG. 10

ATR Automatic Spectral Processing Sequence

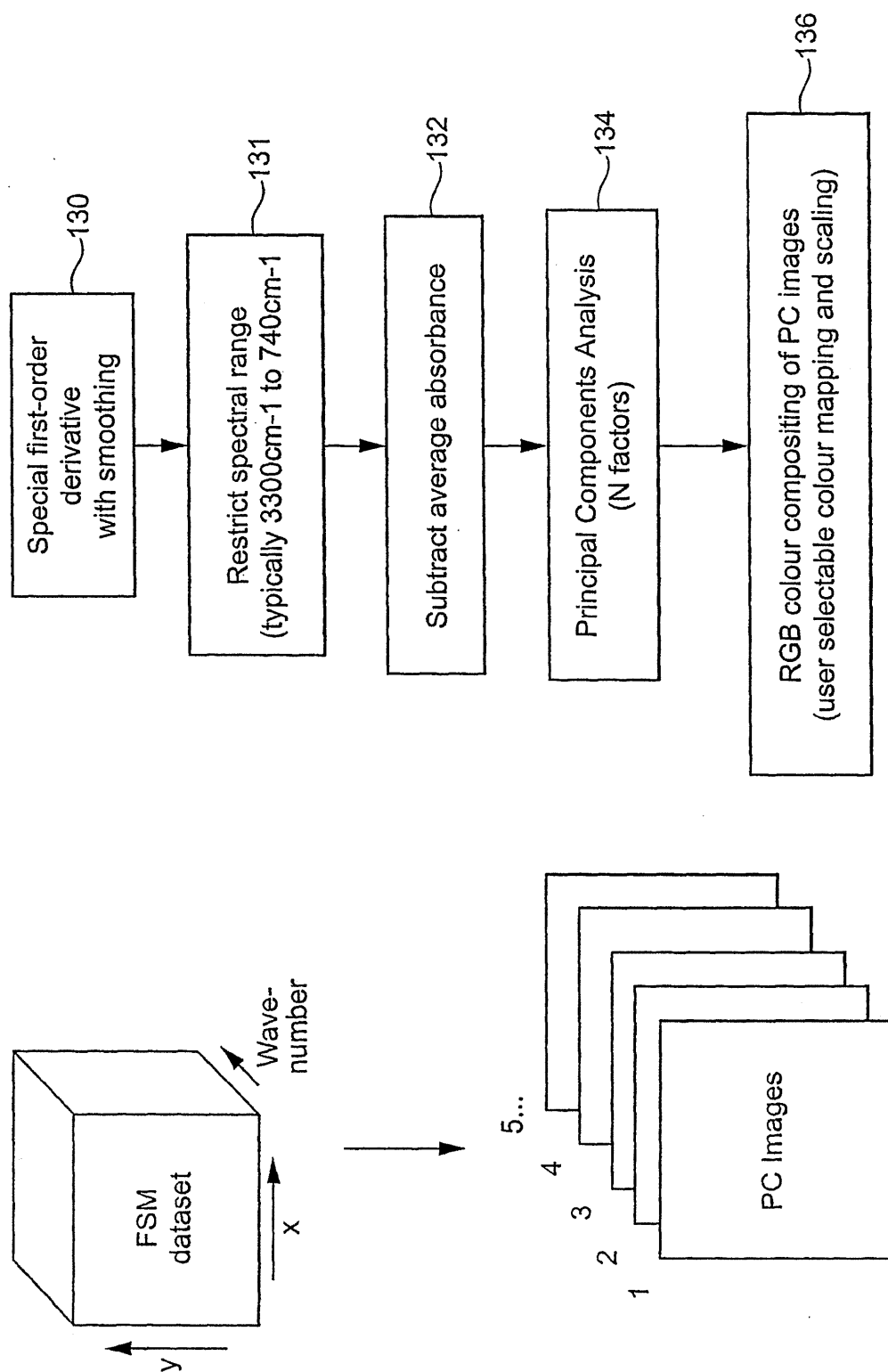


FIG. 11