

Fig.1.

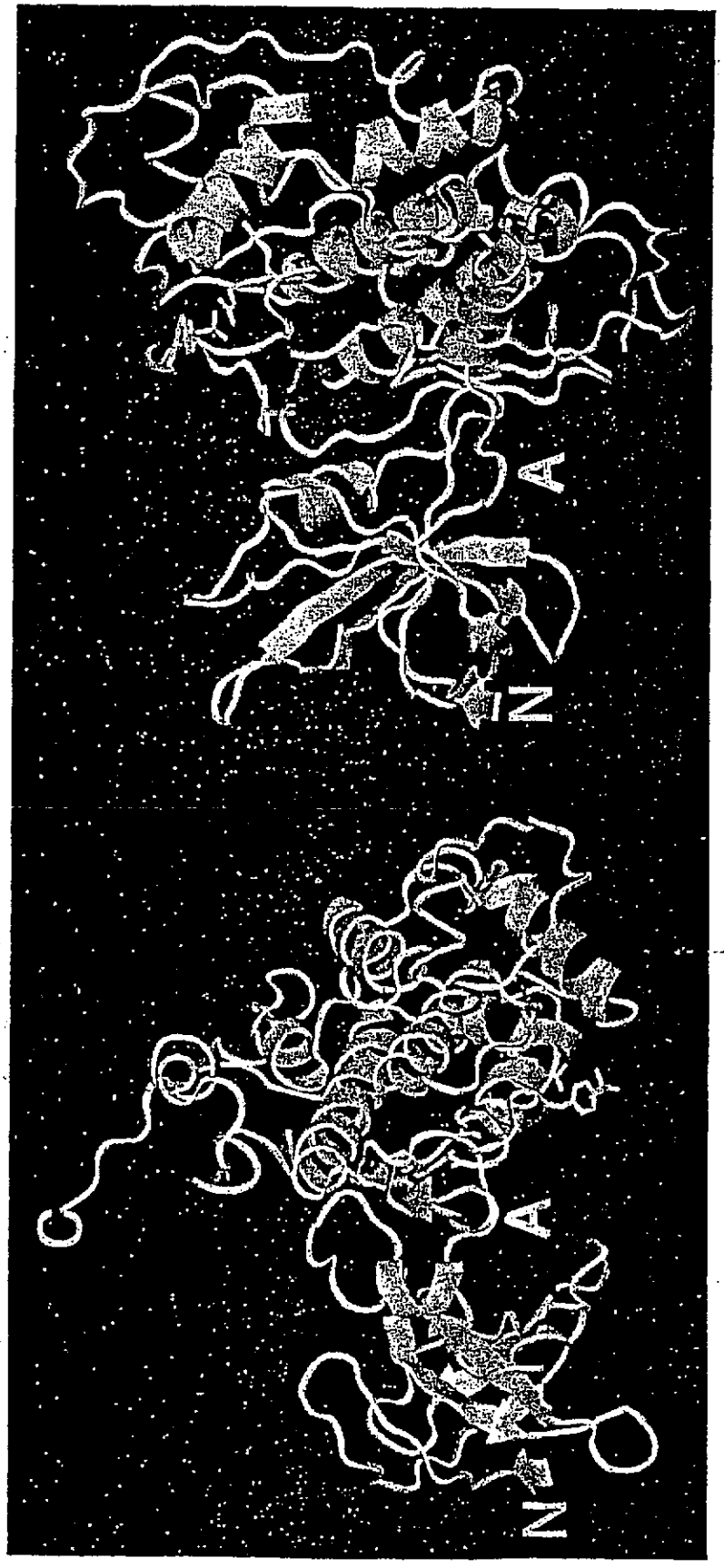


Fig. 2.

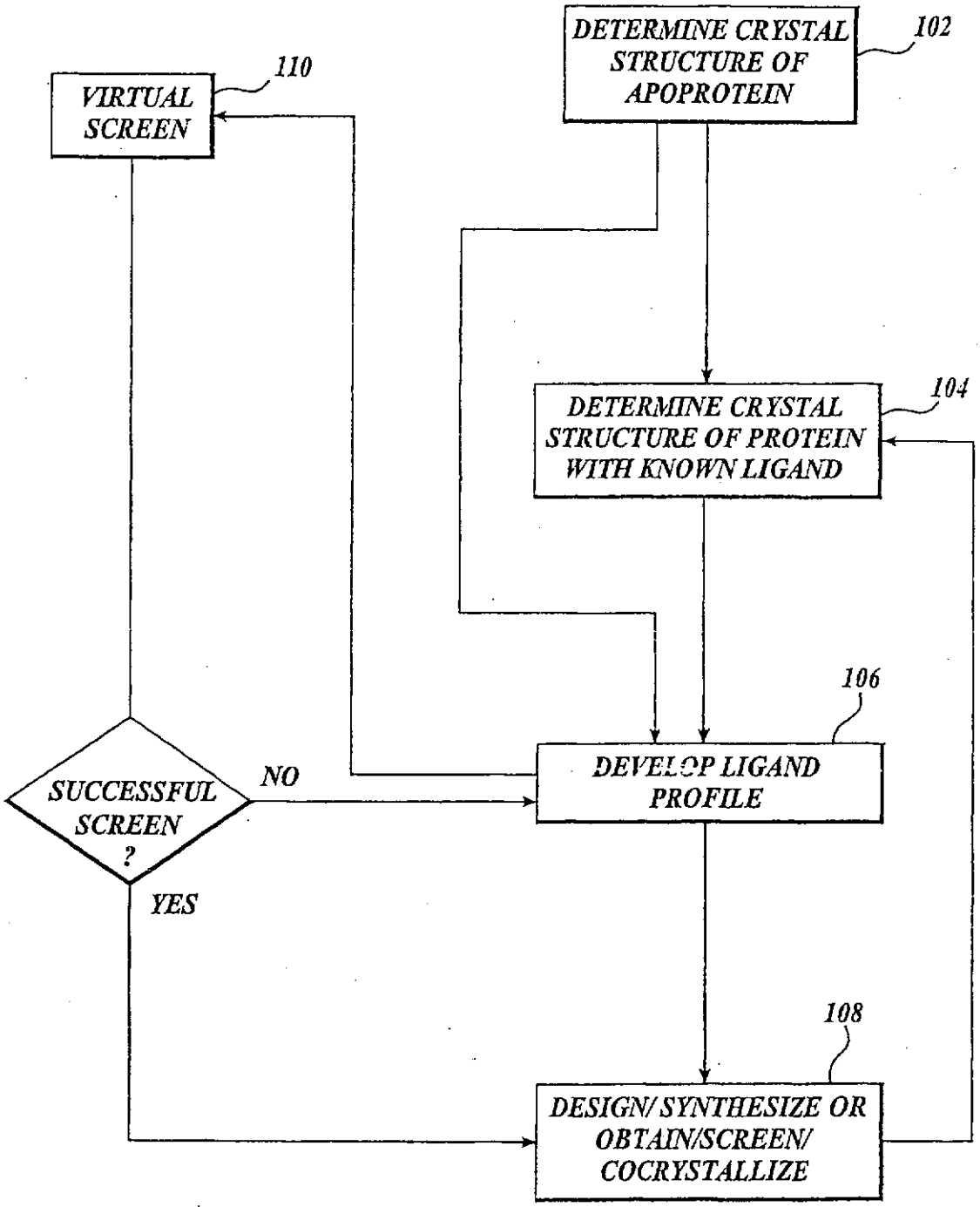

DETERMINE CRYSTAL STRUCTURE OF APOPROTEIN
102
VIRTUAL SCREEN
110
DETERMINE CRYSTAL STRUCTURE OF PROTEIN WITH KNOWN LIGAND
104
106
DEVELOP LIGAND PROFILE
SUCCESSFUL SCREEN ?
NO
YES
108
DESIGN/ SYNTHESIZE OR OBTAIN/SCREEN/ COCRYSTALLIZE

Fig. 3

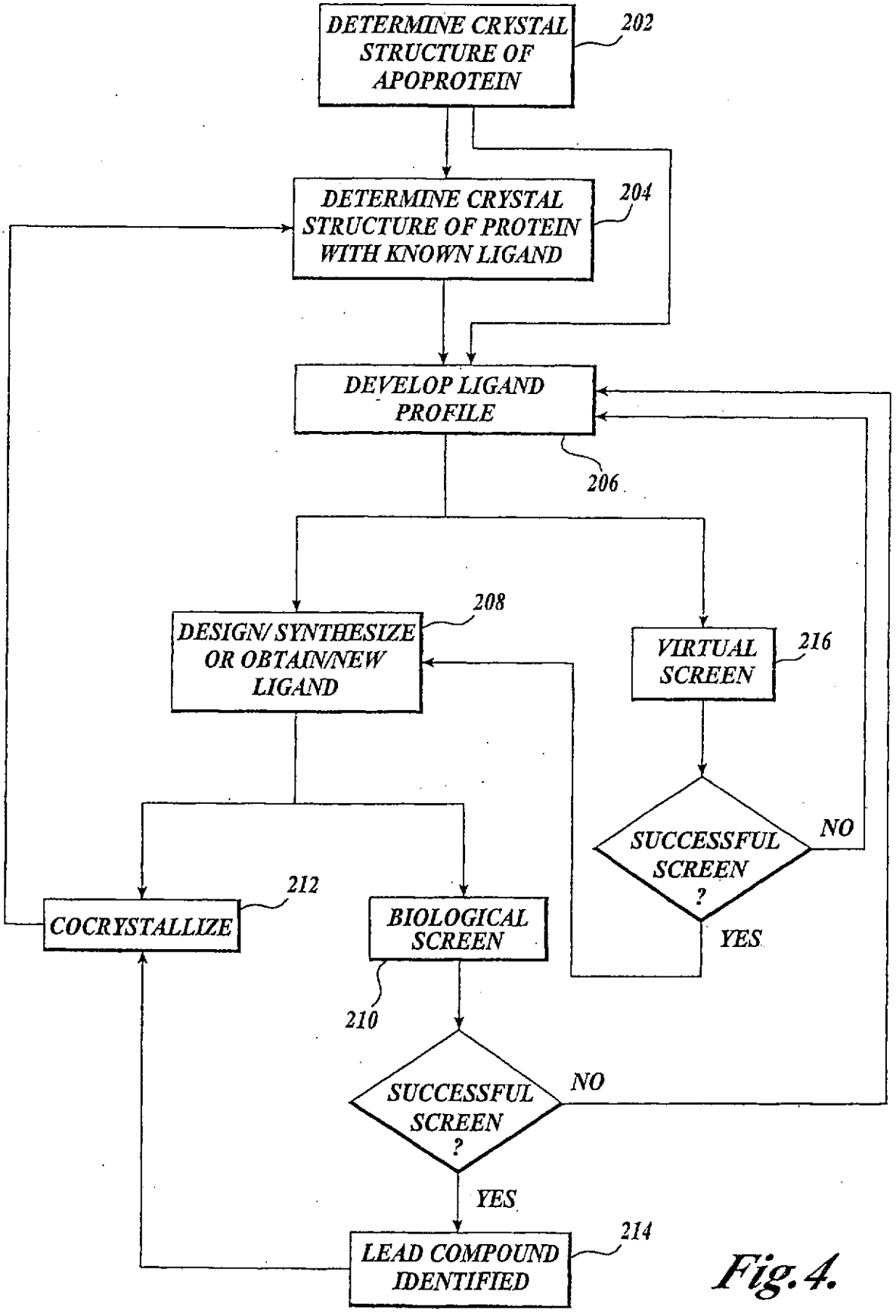

DETERMINE CRYSTAL STRUCTURE OF APOPROTEIN
202
DETERMINE CRYSTAL STRUCTURE OF PROTEIN WITH KNOWN LIGAND
204
DEVELOP LIGAND PROFILE
206
DESIGN/ SYNTHESIZE OR OBTAIN/NEW LIGAND
208
VIRTUAL SCREEN
216
SUCCESSFUL SCREEN ?
NO
YES
COCRYSTALLIZE
212
BIOLOGICAL SCREEN
210
SUCCESSFUL SCREEN ?
NO
YES
LEAD COMPOUND IDENTIFIED
214

Fig. 4.