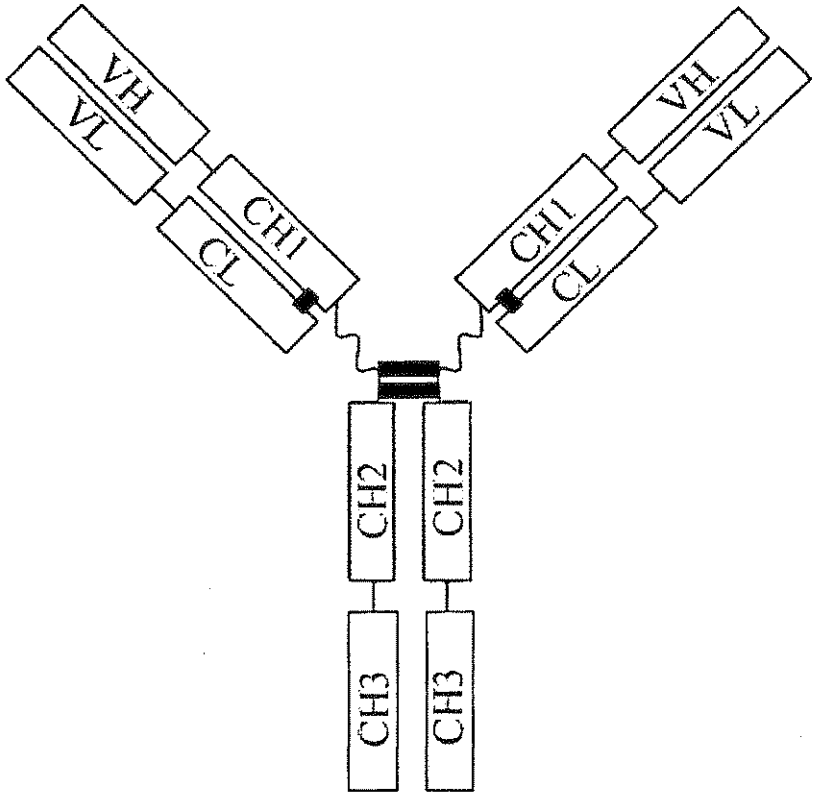
Fig. 1



	antibody domain
CH2	domain name
	disulfide bond
—	inter-antibody domain bond
	hinge region
	peptidic linker
	repeat motif molecule

Fig. 2

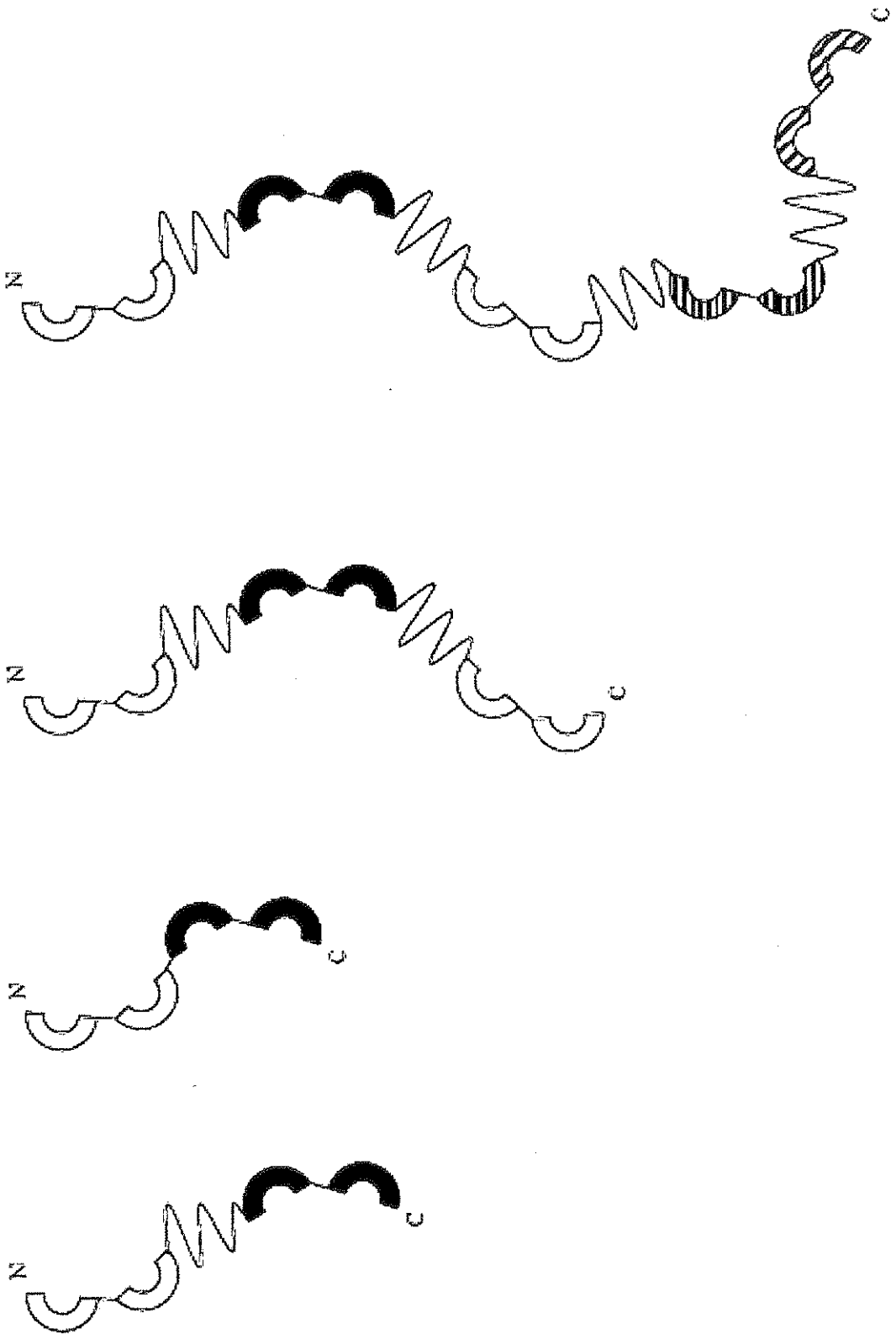


Fig. 3

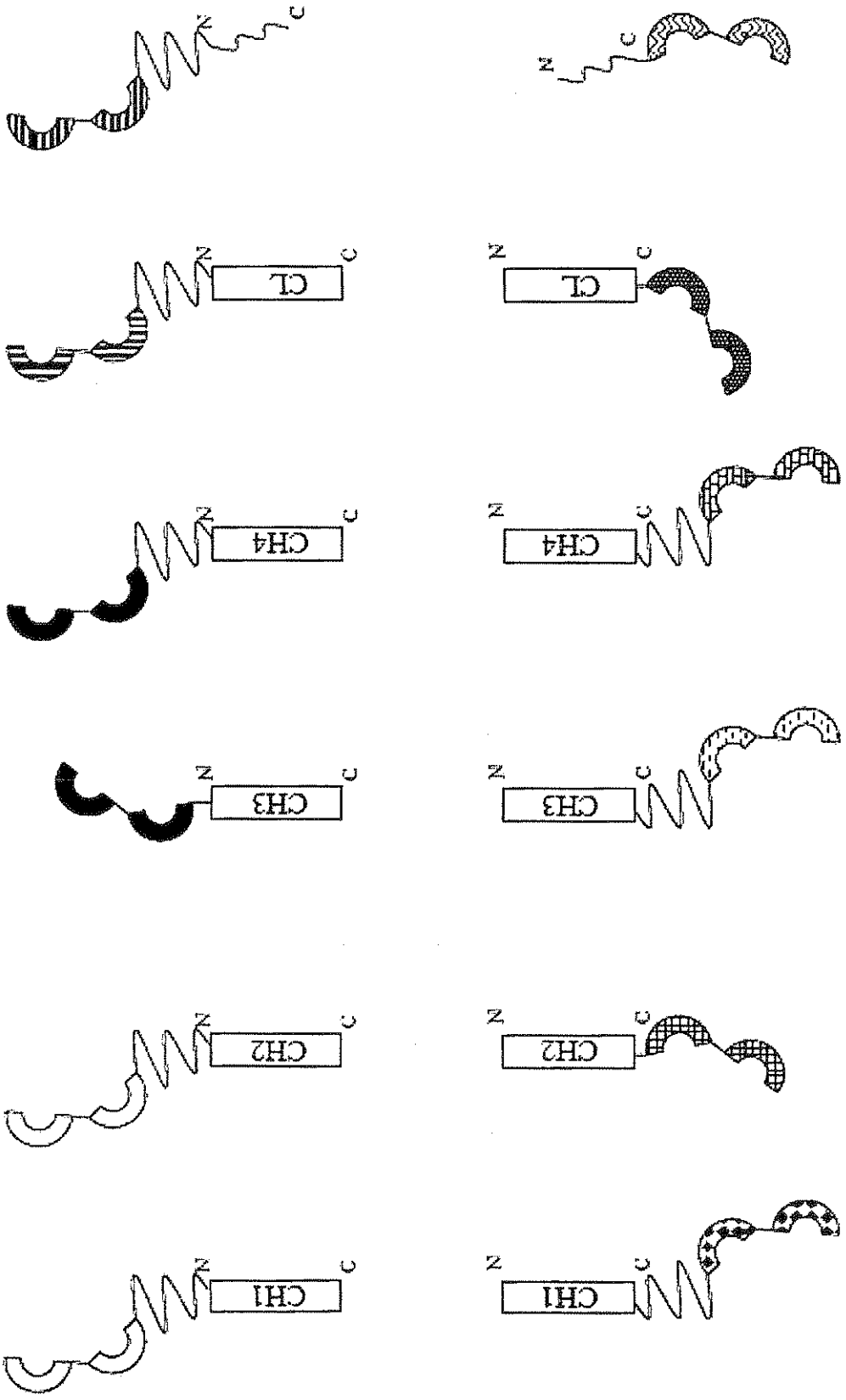


Fig. 4

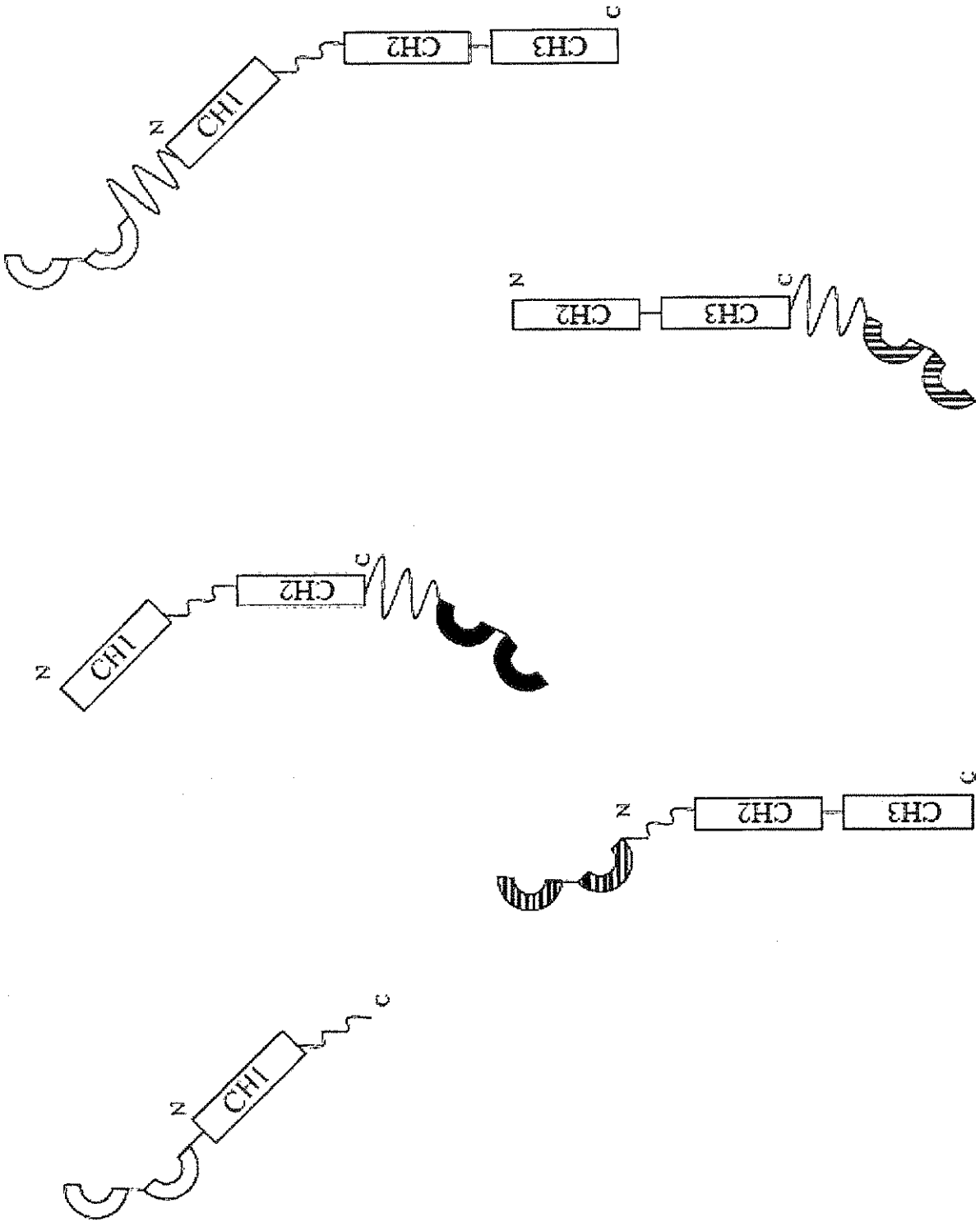


Fig. 5

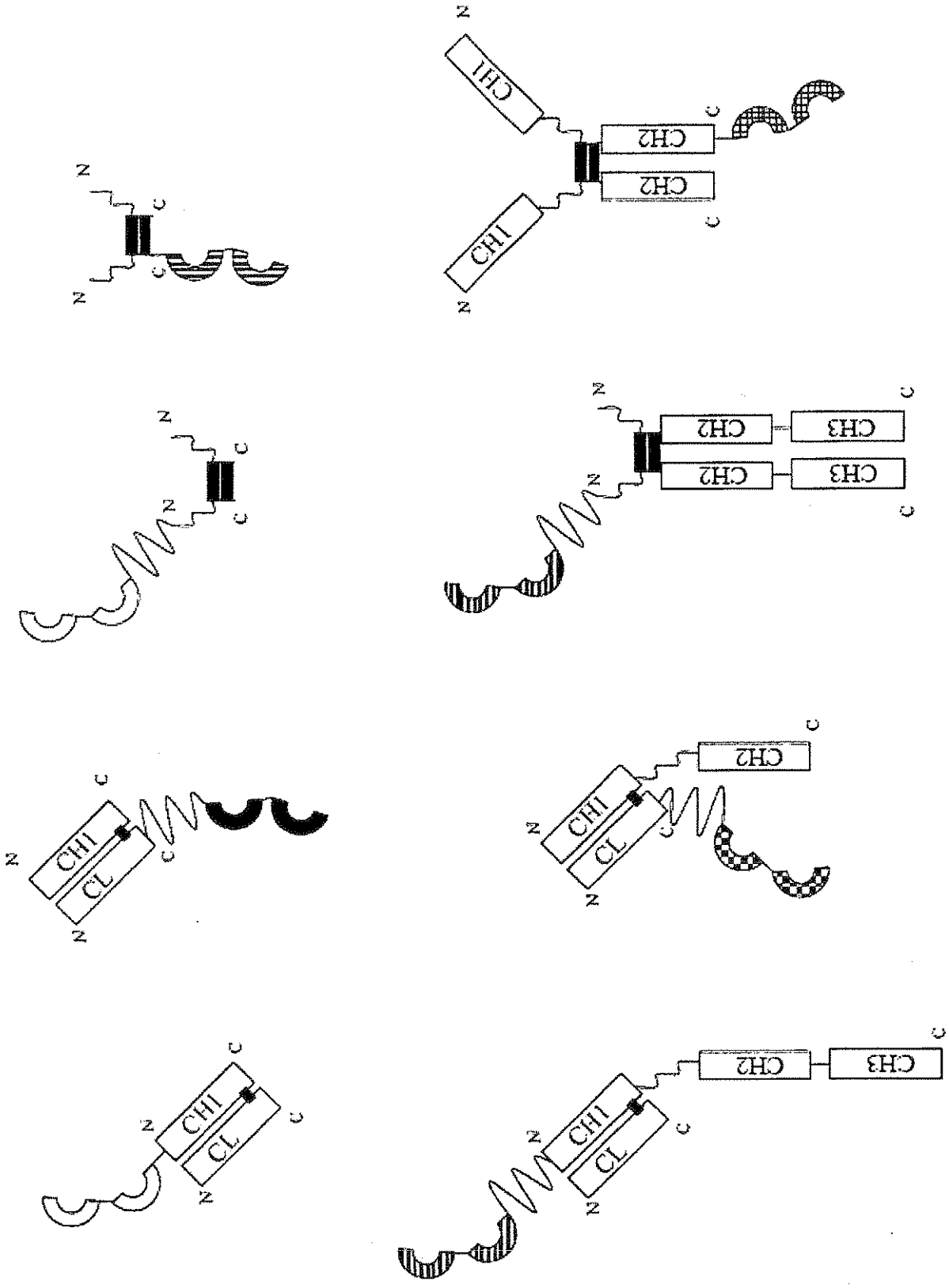


Fig. 6

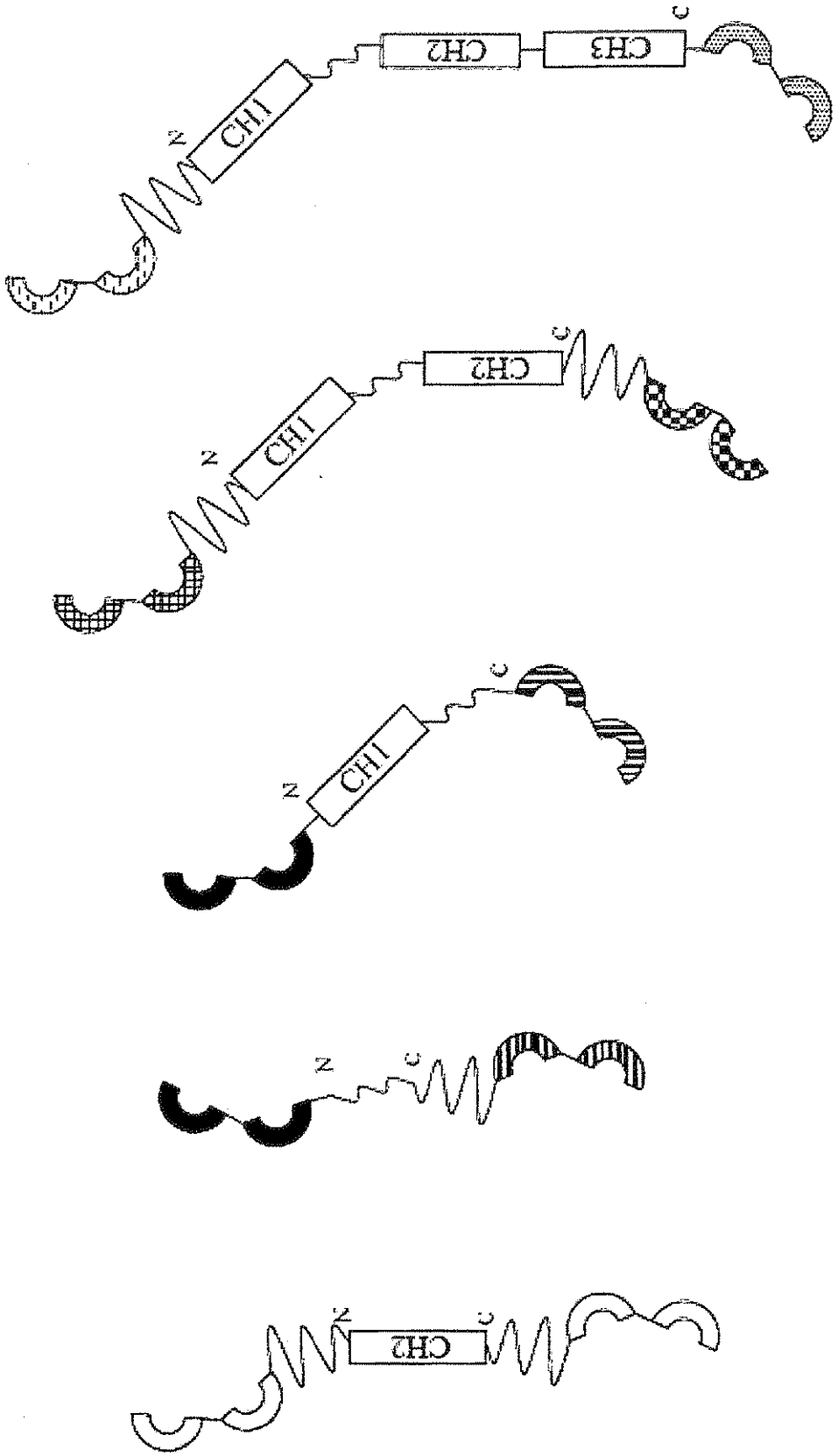


Fig. 7

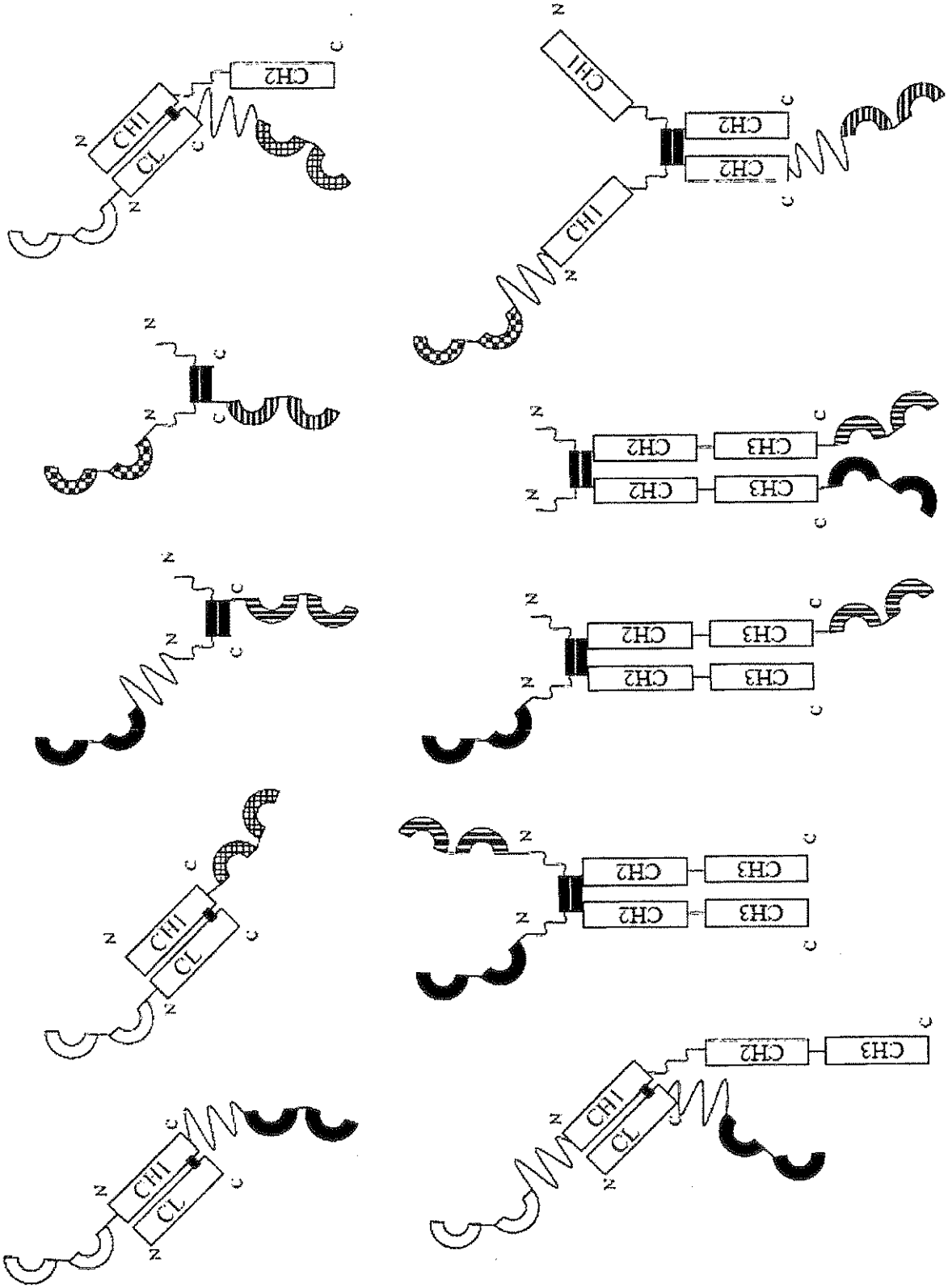


Fig. 8

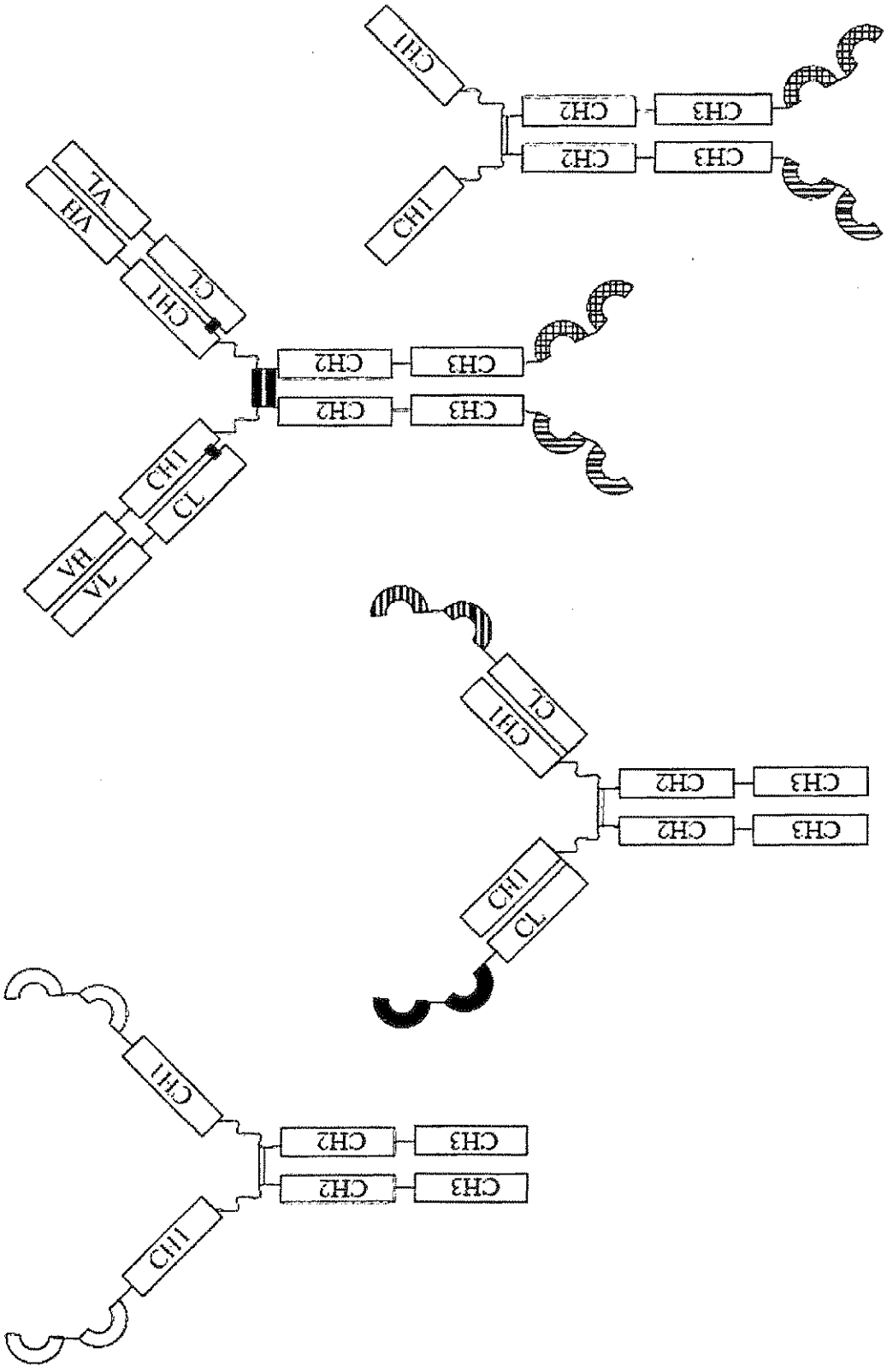

CH1
CH2
CH3
CH2
CH3
CH1
VH
VL
CH1
CL
CH2
CH3
CH2
CH3
CH1
CL
VH
VL
CL
CH1
CH2
CH3
CH2
CH3
CH1
CL
CH1
CH2
CH3
CH2
CH3
CH1

Fig. 9

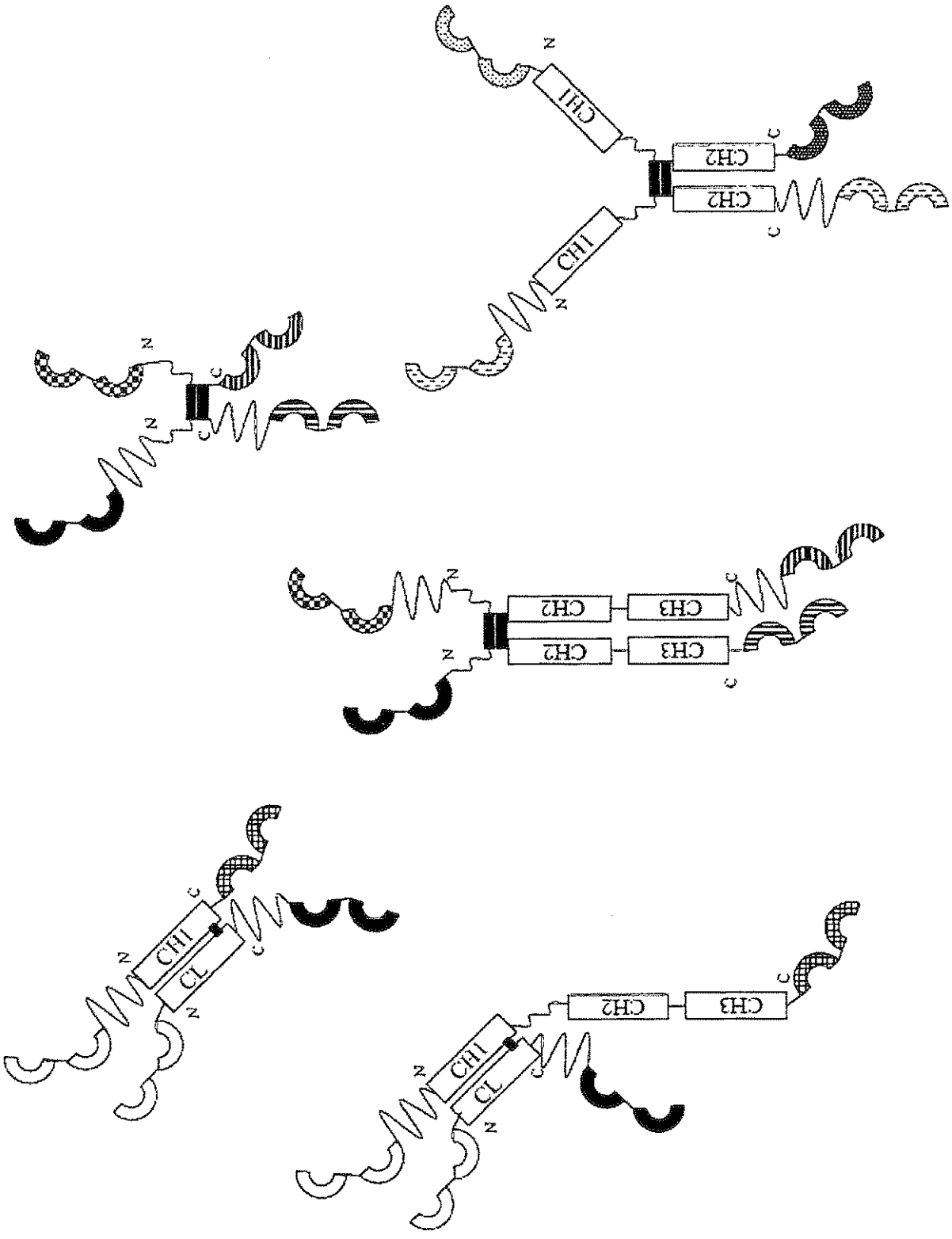


Fig. 10

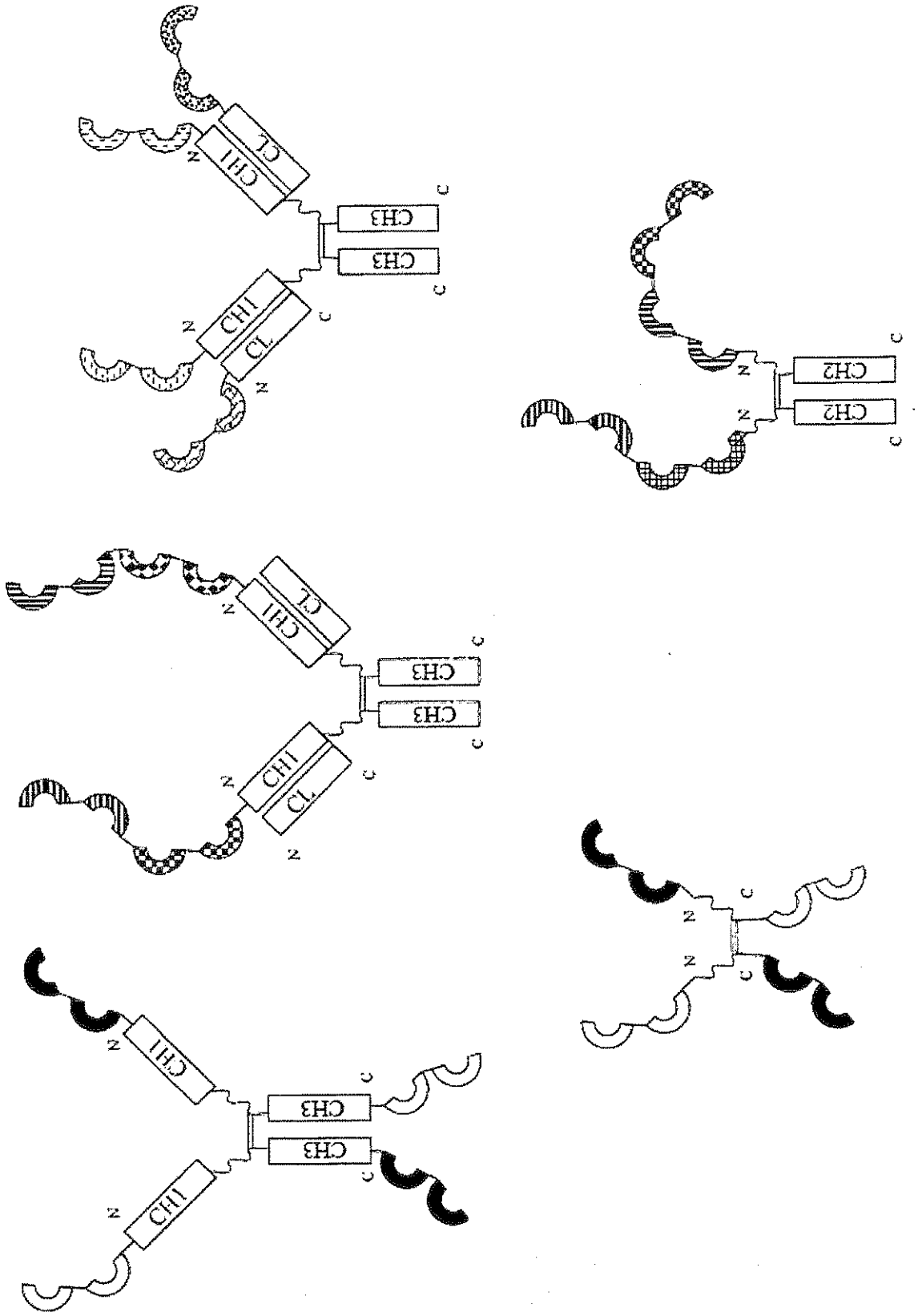


Fig. 11

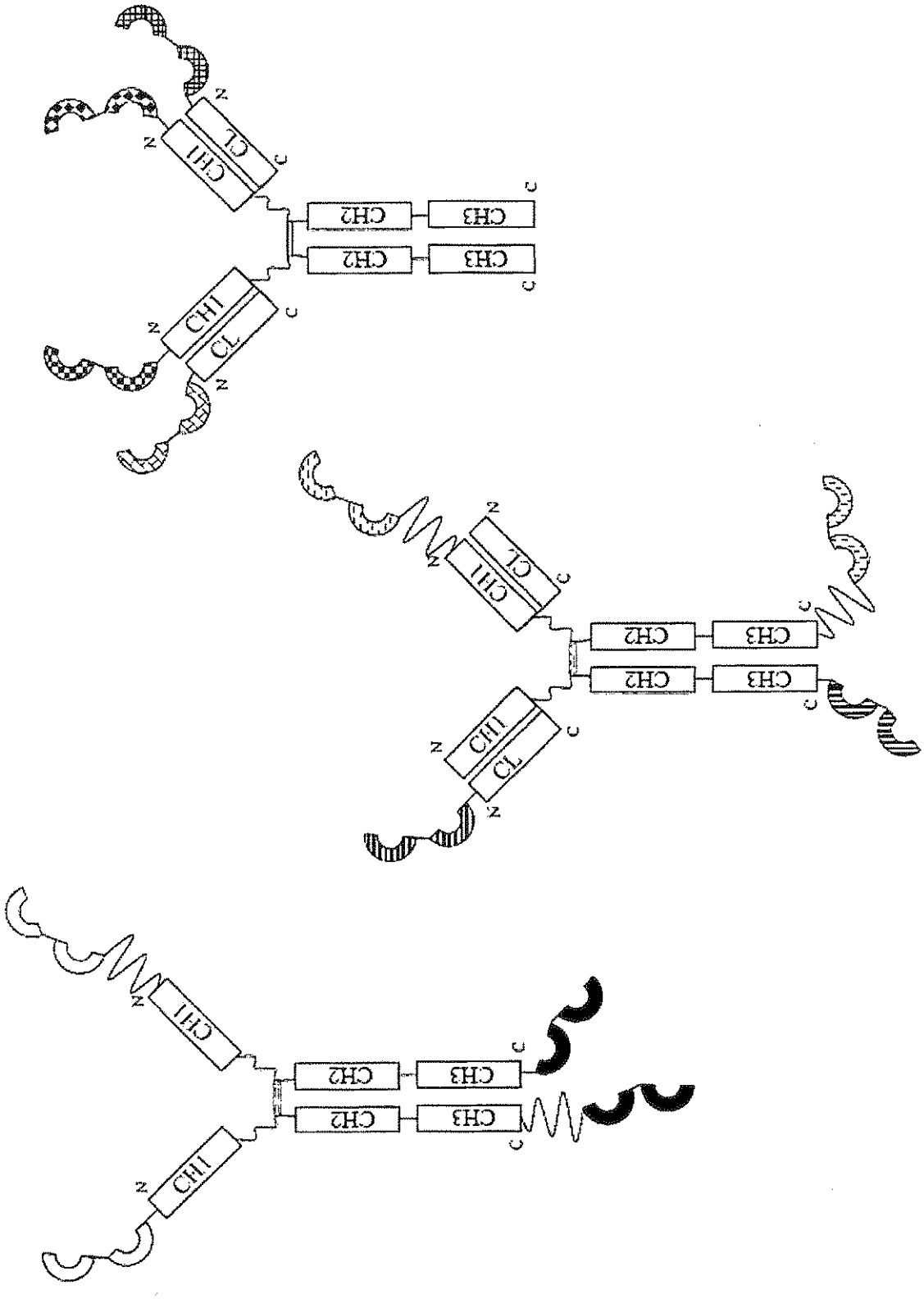


Fig. 12

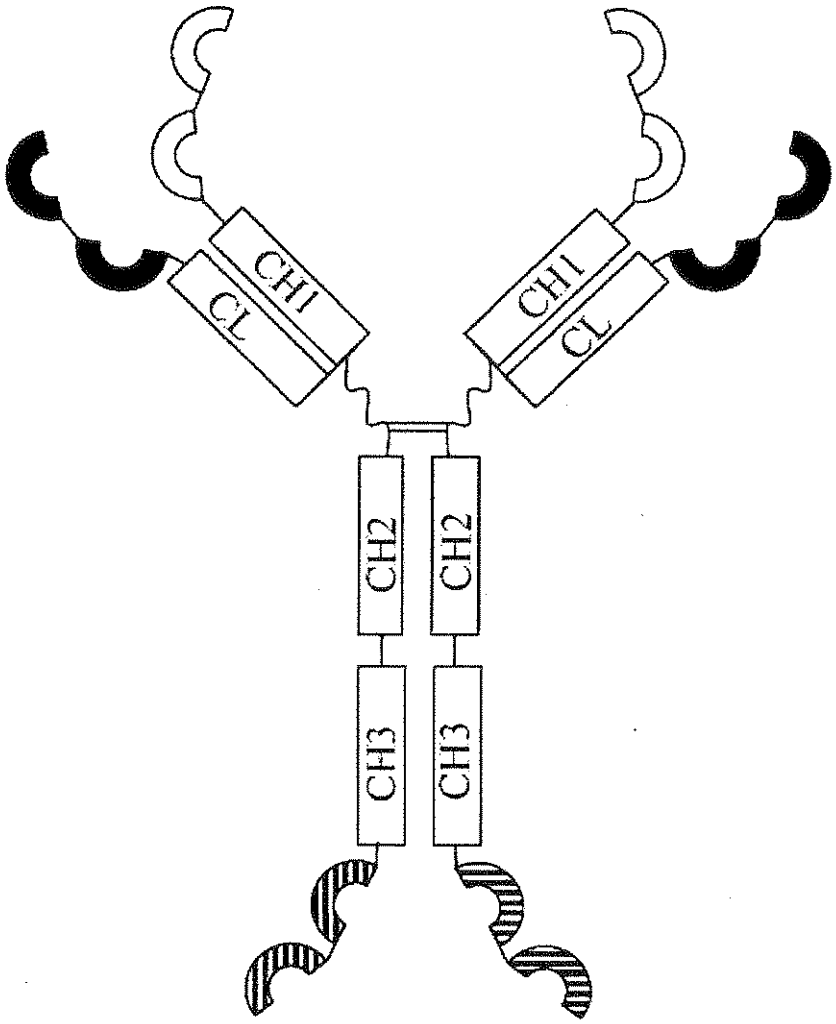


Fig. 13

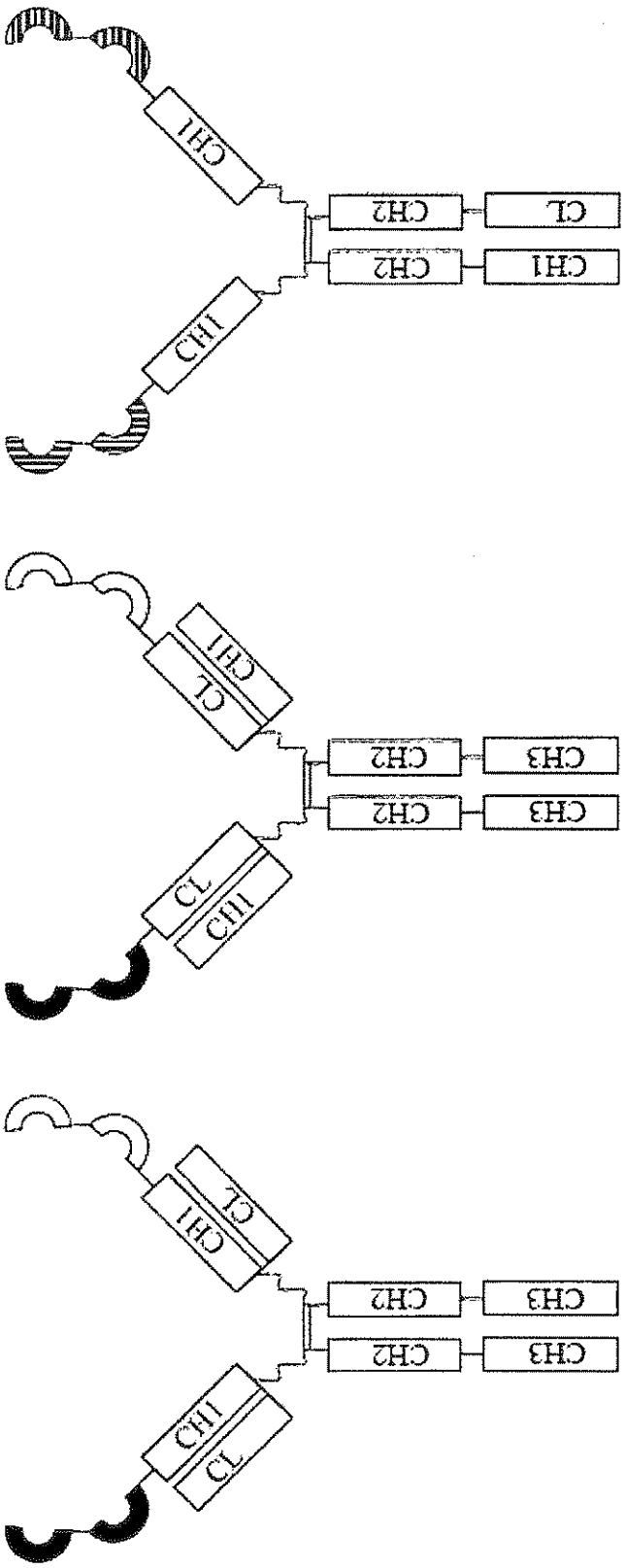


Fig. 14

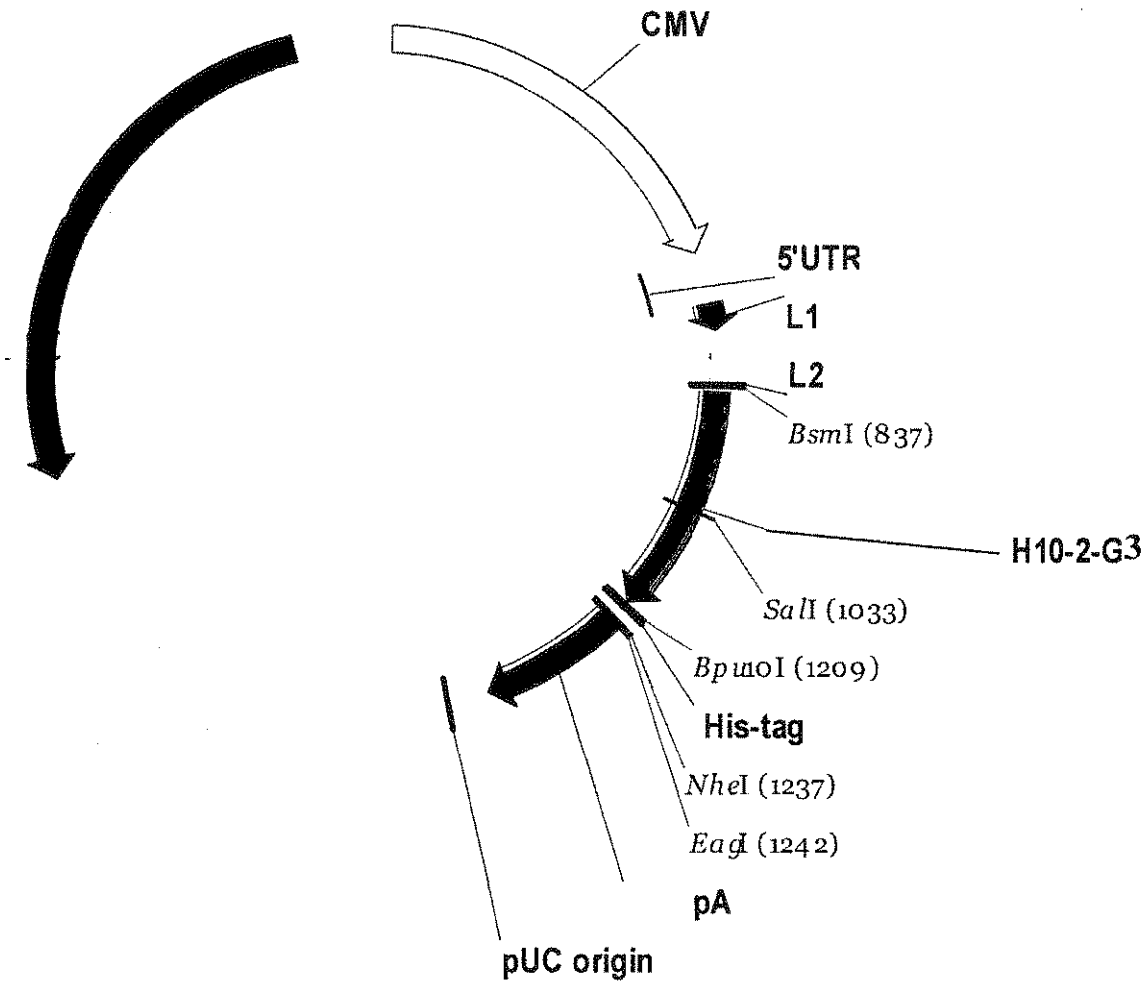

CMV
5'UTR
L1
L2
BsmI (837)
H10-2-G3
SalI (1033)
BpuI0I (1209)
His-tag
NheI (1237)
EagI (1242)
pA
pUC origin

Fig. 15

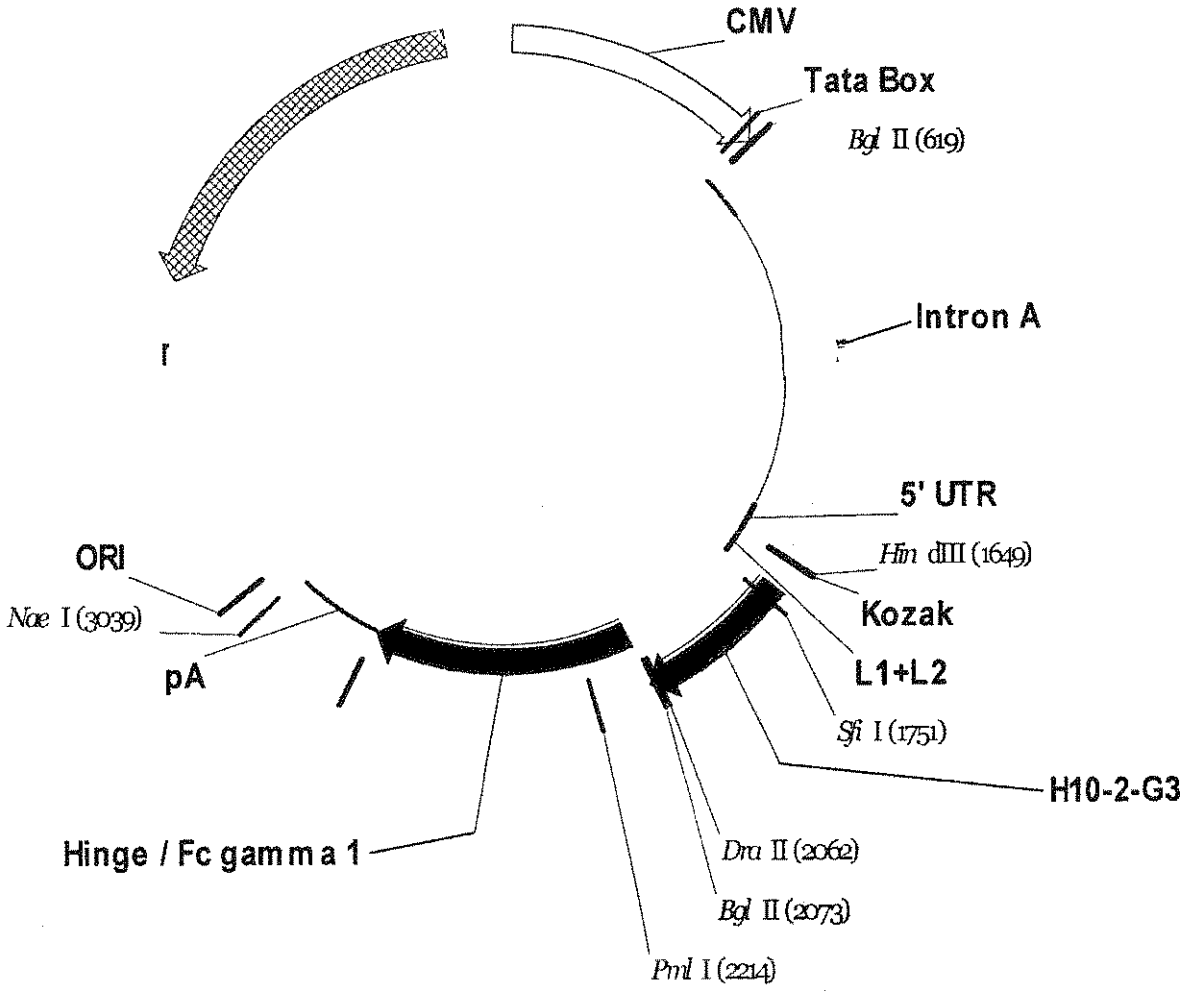

CMV
Tata Box
Bgl II (619)
Intron A
5' UTR
Hin dIII (1649)
Kozak
L1+L2
Sfi I (1751)
H10-2-G3
Dra II (2062)
Bgl II (2073)
Pml I (2214)
Hinge / Fc gamma 1
pA
Nae I (3039)
ORI

Fig. 16

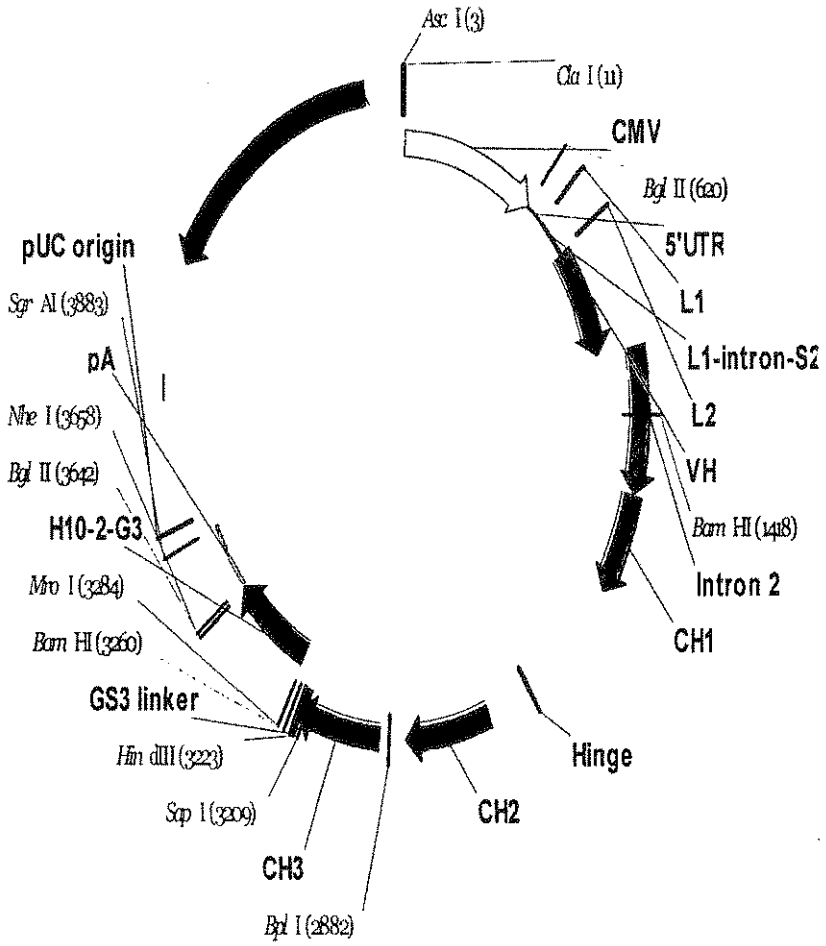

Asc I (3)
Cla I (11)
CMV
Bgl II (620)
5'UTR
L1
L1-intron-S2
L2
VH
Bam HI (1418)
Intron 2
CH1
Hinge
CH2
CH3
Bgl I (2882)
Sap I (3209)
Hin dIII (3223)
GS3 linker
Bam HI (3260)
Mro I (3284)
H10-2-G3
Bgl II (3642)
Nhe I (3658)
pA
Sgr AI (3883)
pUC origin

Fig. 17

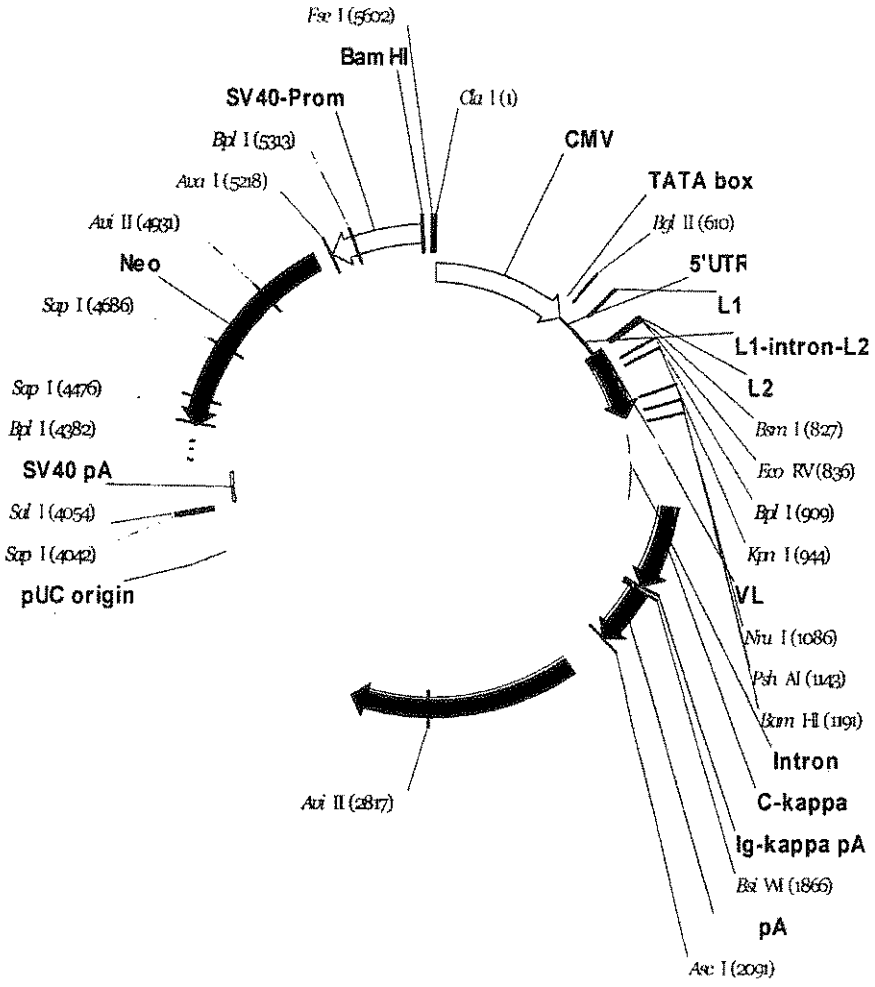

Fse I (5602)
Bam HI
SV40-Prom
Cla I (1)
Bpl I (5313)
CMV
Aca I (5218)
TATA box
Avi II (4931)
Bpl II (610)
Neo
5'UTR
Sap I (4686)
L1
L1-intron-L2
Sap I (4476)
L2
Bpl I (4382)
Bsm I (827)
SV40 pA
Eco RV (836)
Sal I (4054)
Bpl I (909)
Sap I (4042)
Kpn I (944)
pUC origin
VL
Nru I (1086)
Psh AI (1143)
Bam HI (1191)
Intron
Avi II (2817)
C-kappa
Ig-kappa pA
Bsi WI (1866)
pA
Asc I (2091)

Fig. 18

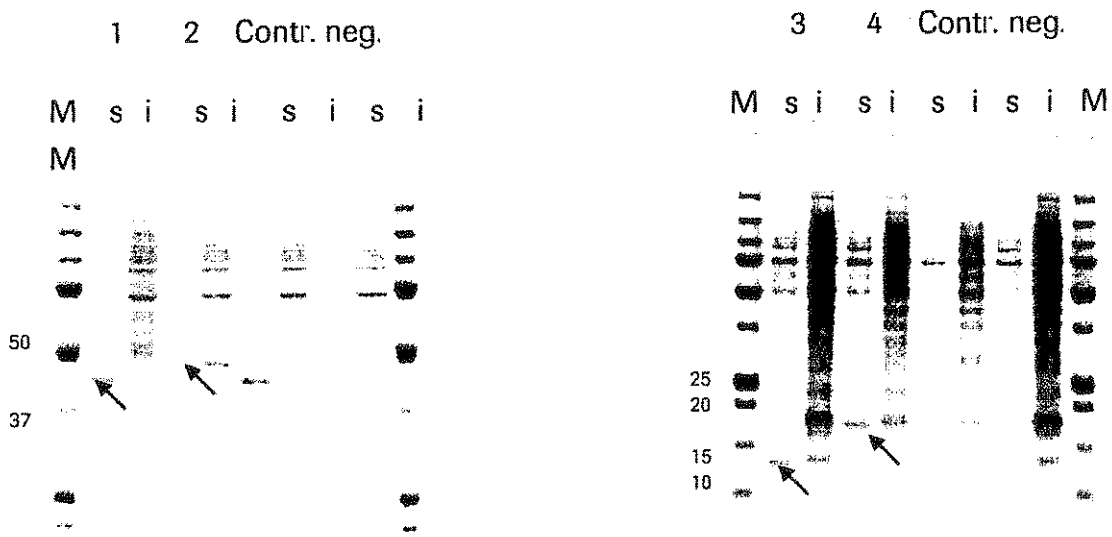
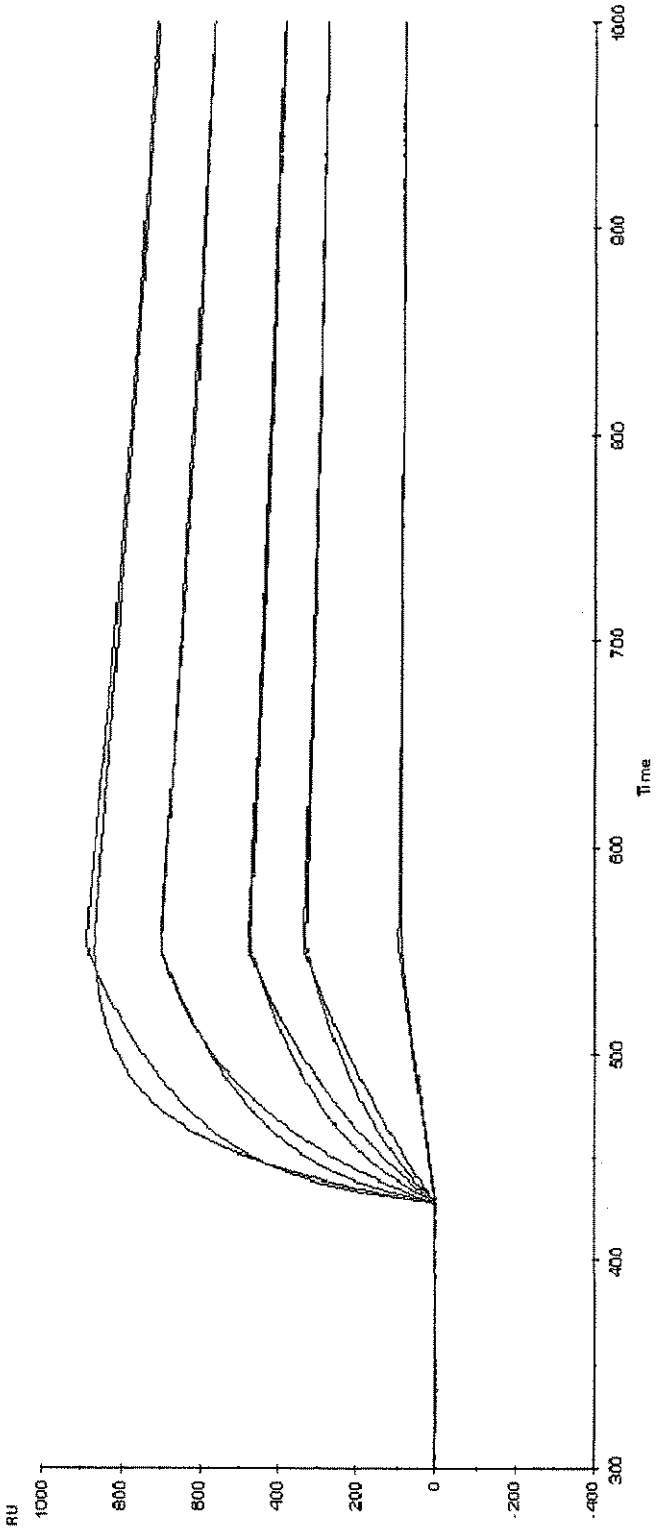

1
2
Contr. neg.
3
4
Contr. neg.
M s i s i s i s i
M s i s i s i s i M
50
37
25
20
15
10

Fig. 19


RU
1000
800
600
400
200
0
-200
-400
300
400
500
600
700
800
900
1000
Time