FIG. 1

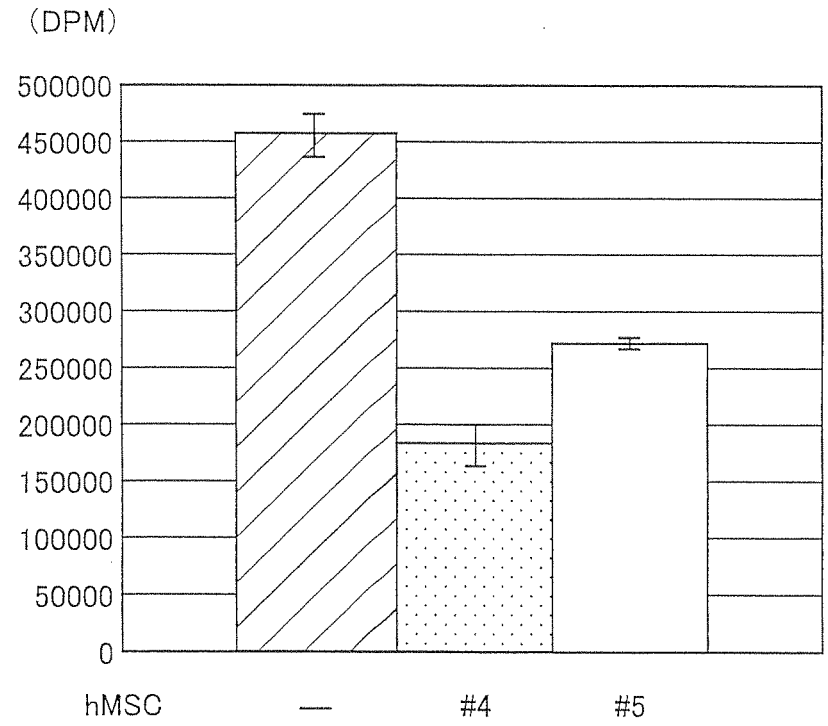

(DPM)
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
hMSC
—
#4
#5

FIG. 2

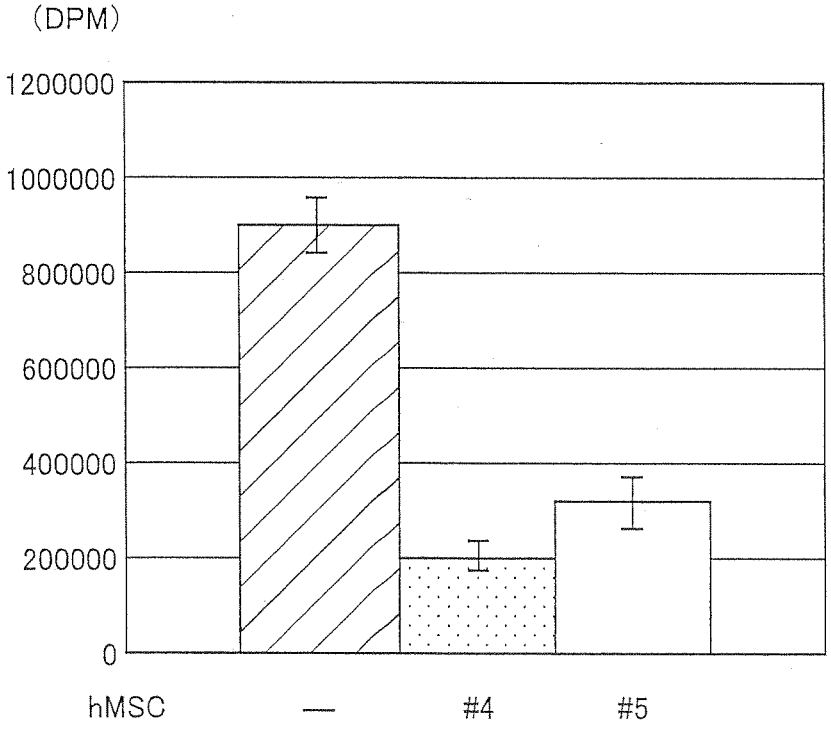

(DPM)
1200000
1000000
800000
600000
400000
200000
0
hMSC
—
#4
#5

FIG. 3

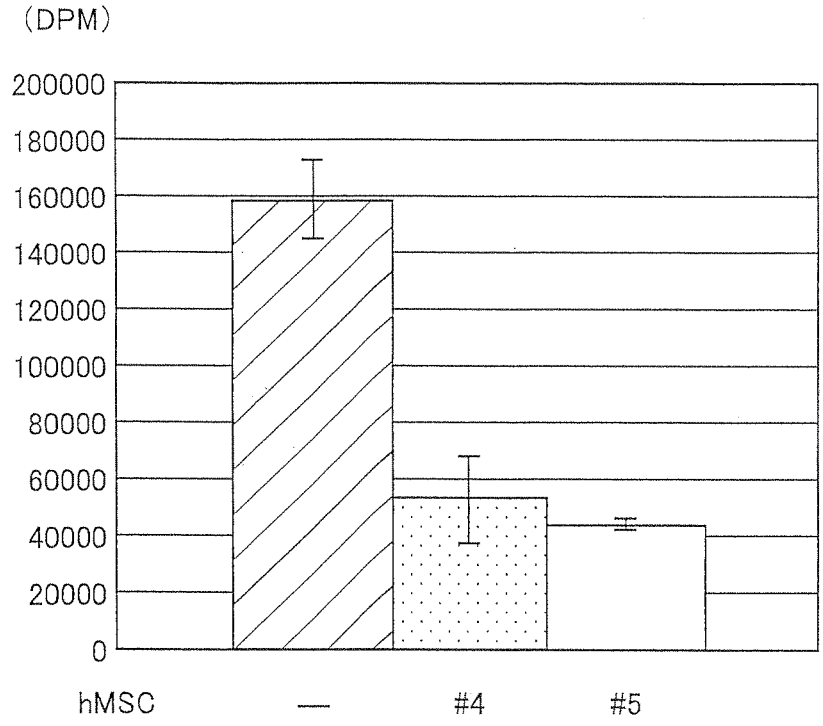

(DPM)
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
hMSC
—
#4
#5

FIG. 4

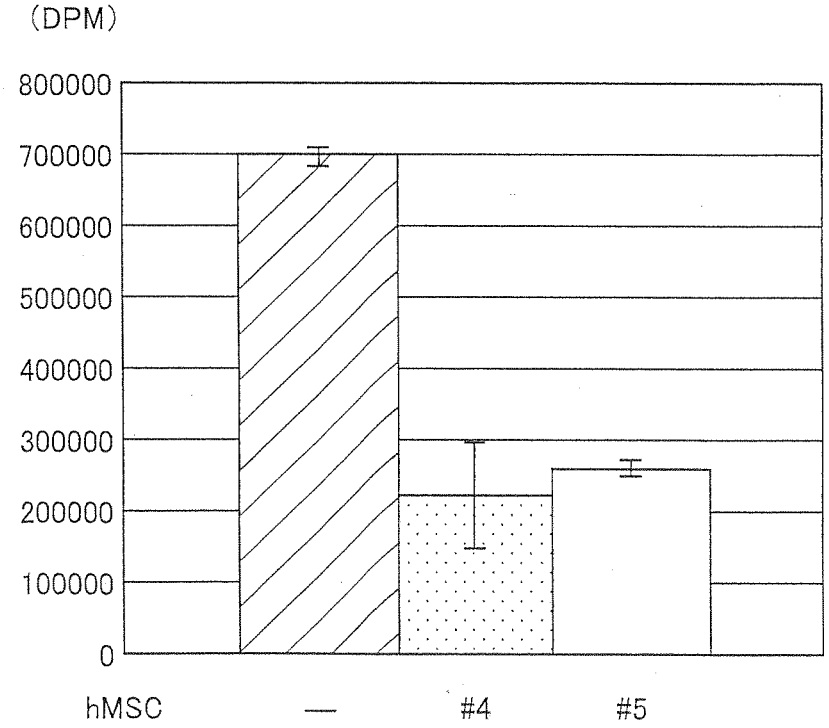

(DPM)
800000
700000
600000
500000
400000
300000
200000
100000
0
hMSC
—
#4
#5

FIG. 5

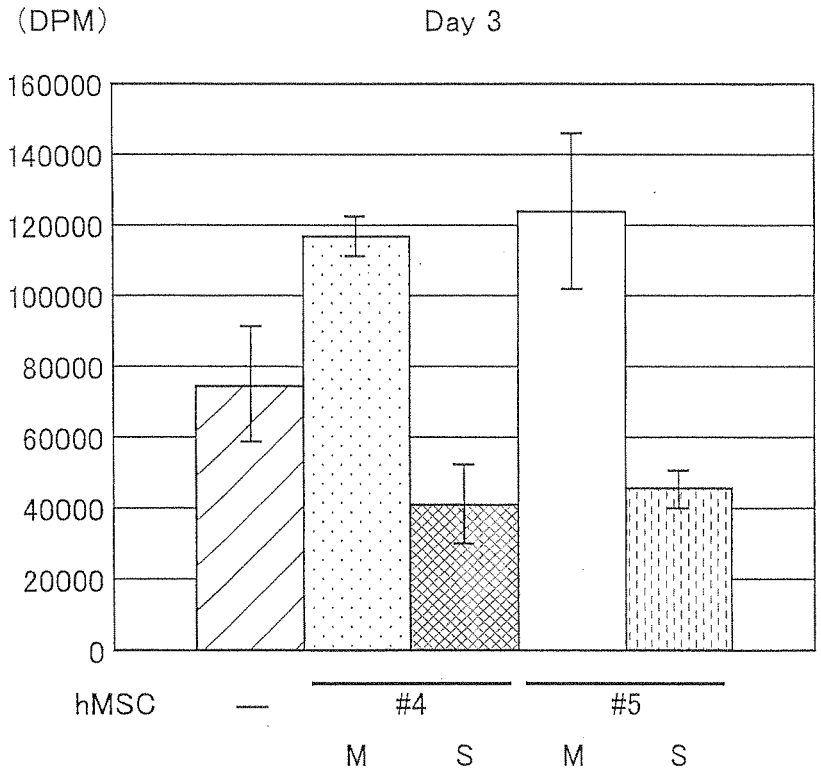

(DPM)
Day 3
160000
140000
120000
100000
80000
60000
40000
20000
0
hMSC
—
#4
#5
M
S
M
S

FIG. 6

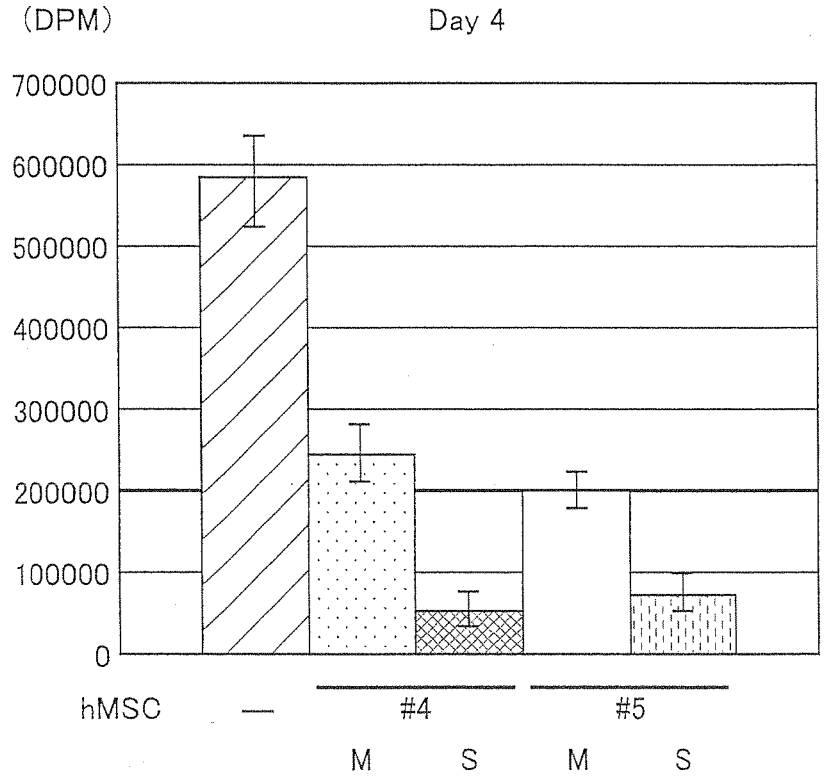
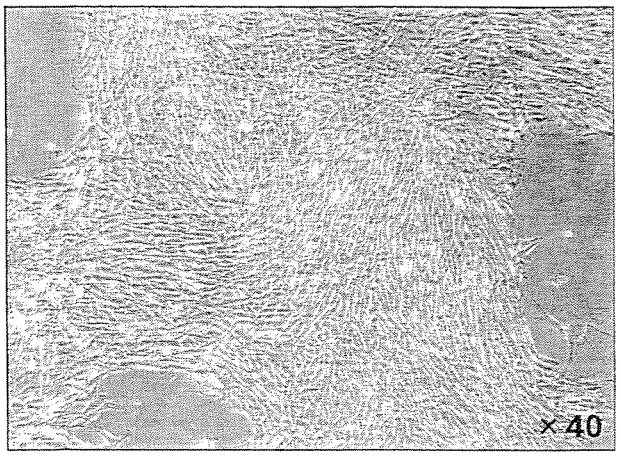
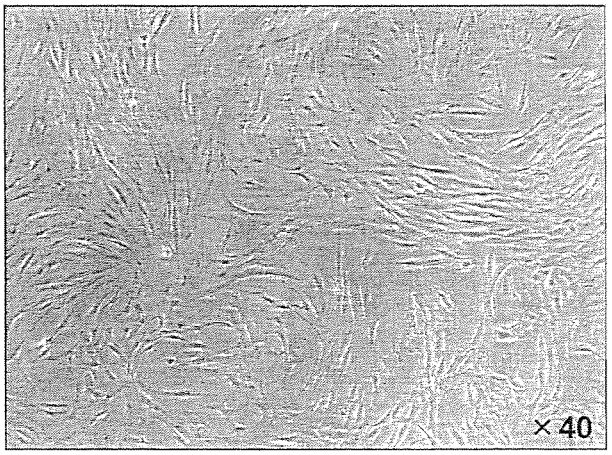

(DPM)
Day 4
700000
600000
500000
400000
300000
200000
100000
0
hMSC
—
#4
#5
M
S
M
S

FIG. 7



MEDIUM 1



10%FBS-MEM

FIG. 8

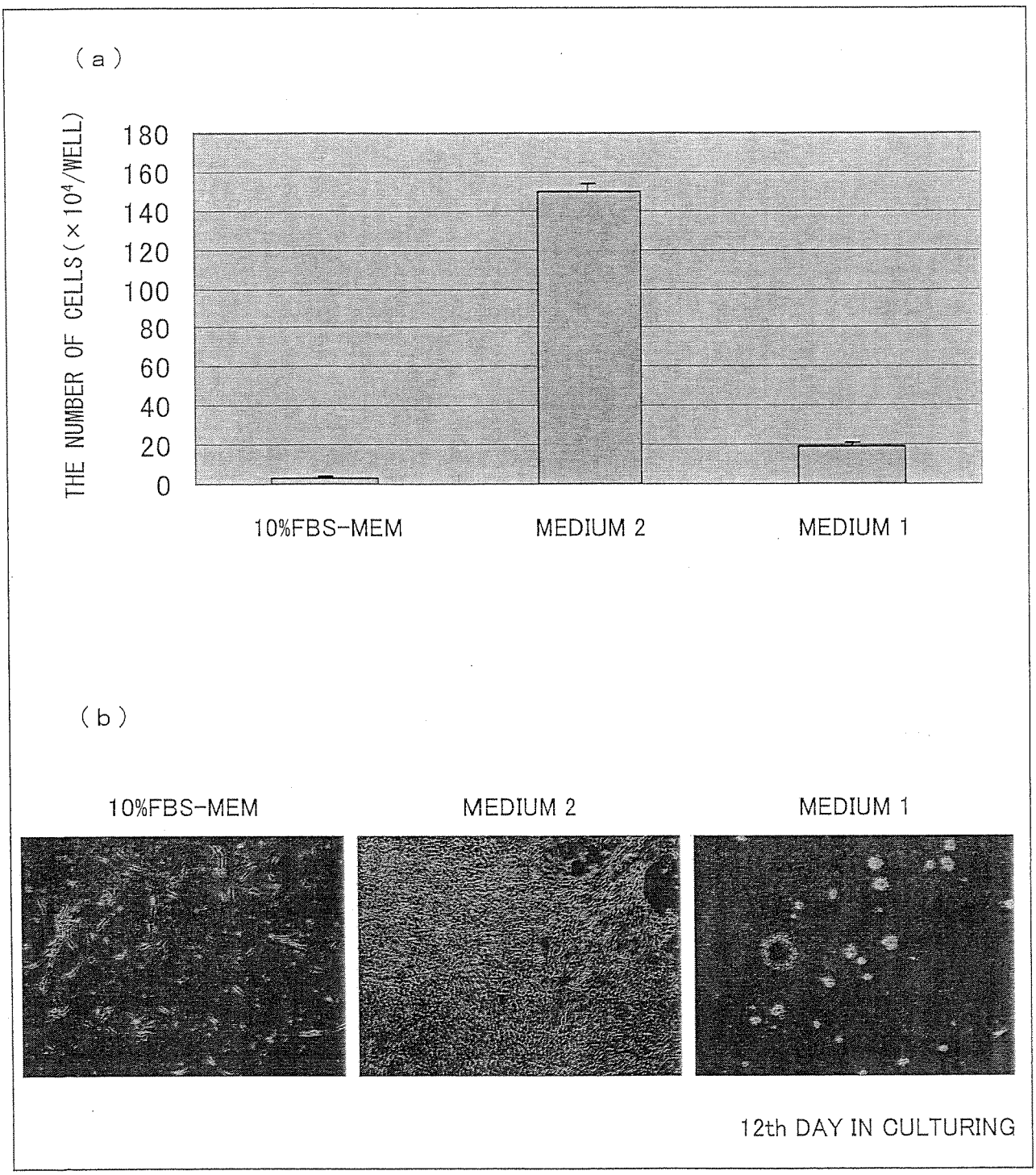

(a)
THE NUMBER OF CELLS (×10⁴/WELL)
180
160
140
120
100
80
60
40
20
0
10%FBS-MEM
MEDIUM 2
MEDIUM 1
(b)
10%FBS-MEM
MEDIUM 2
MEDIUM 1
12th DAY IN CULTURING

FIG. 9

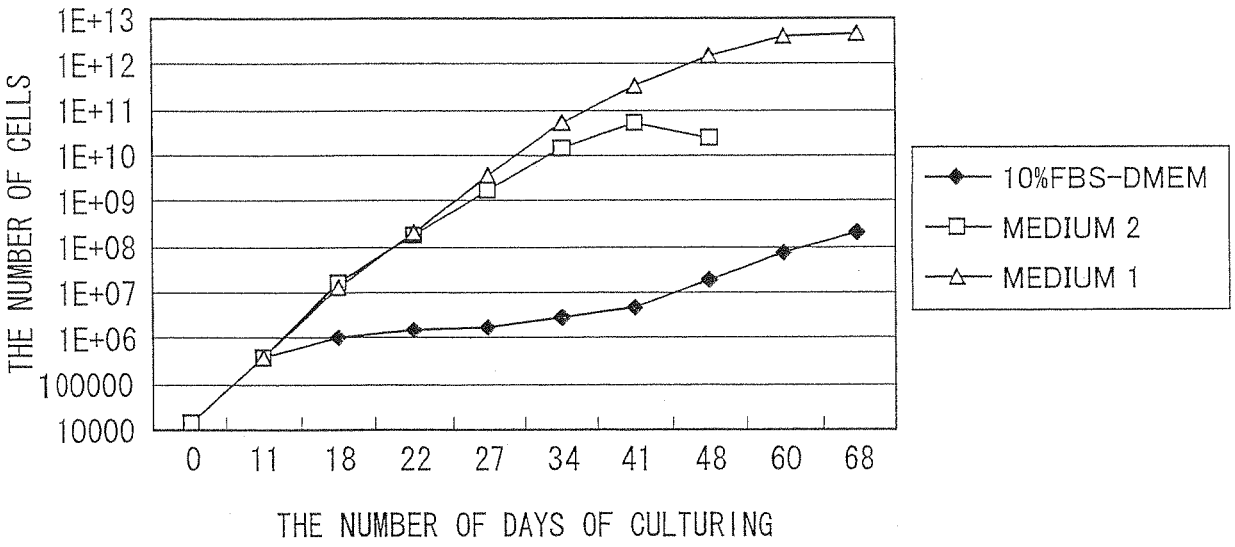

1E+13
1E+12
1E+11
1E+10
1E+09
1E+08
1E+07
1E+06
100000
10000
THE NUMBER OF CELLS
0
11
18
22
27
34
41
48
60
68
THE NUMBER OF DAYS OF CULTURING
10%FBS-DMEM
MEDIUM 2
MEDIUM 1

FIG. 10

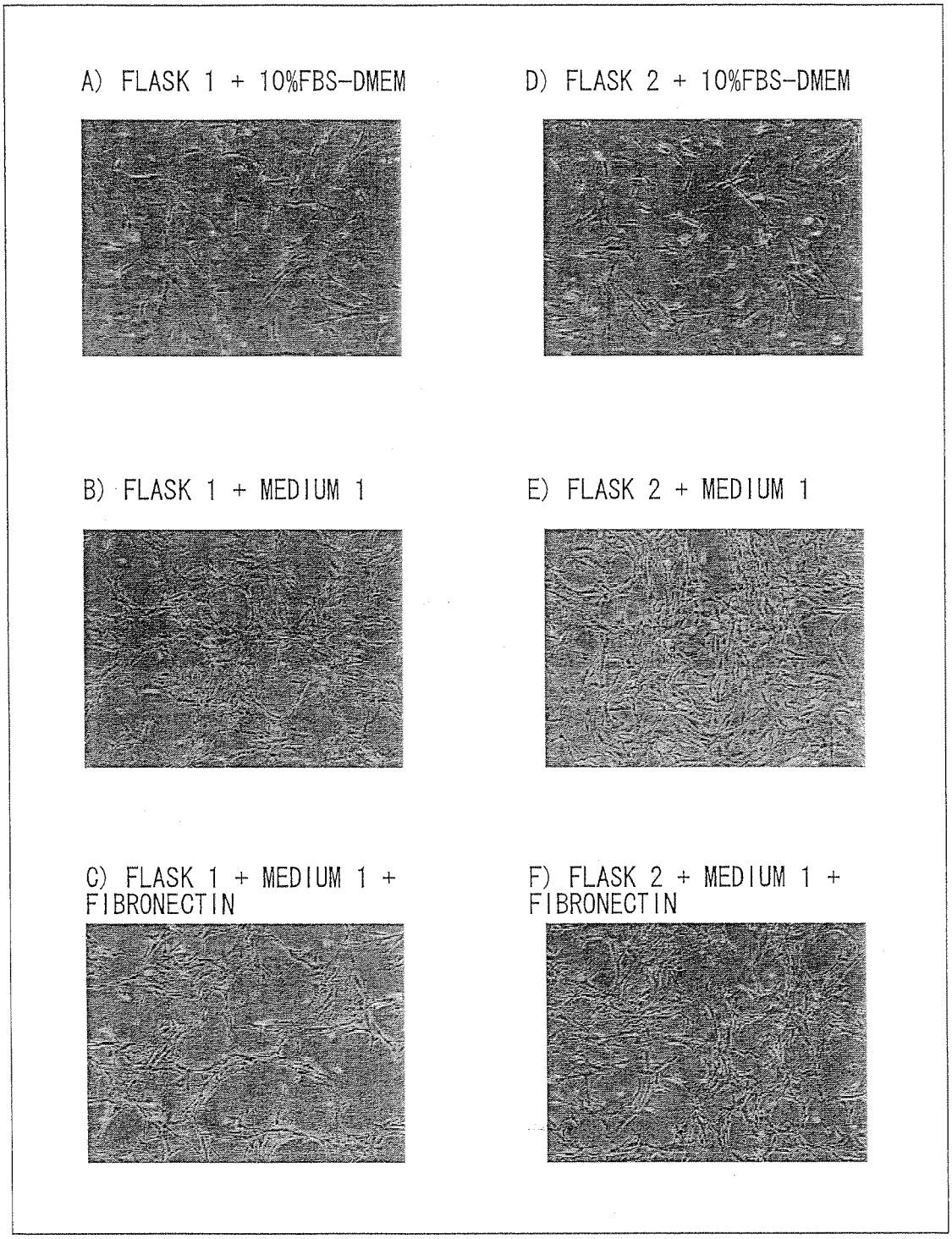

A) FLASK 1 + 10%FBS-DMEM
D) FLASK 2 + 10%FBS-DMEM
B) FLASK 1 + MEDIUM 1
E) FLASK 2 + MEDIUM 1
C) FLASK 1 + MEDIUM 1 + FIBRONECTIN
F) FLASK 2 + MEDIUM 1 + FIBRONECTIN

FIG. 11

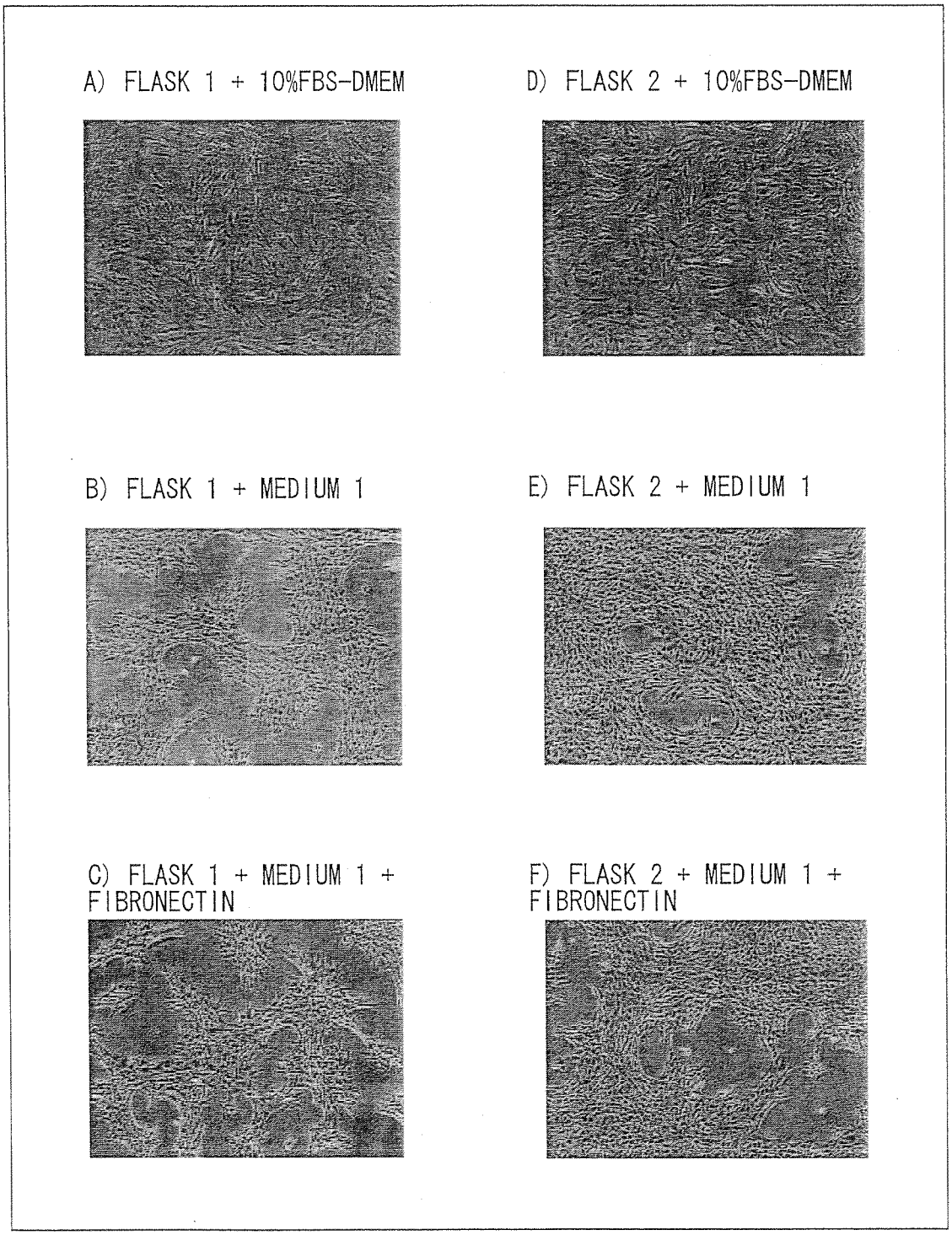

A) FLASK 1 + 10%FBS-DMEM
D) FLASK 2 + 10%FBS-DMEM
B) FLASK 1 + MEDIUM 1
E) FLASK 2 + MEDIUM 1
C) FLASK 1 + MEDIUM 1 + FIBRONECTIN
F) FLASK 2 + MEDIUM 1 + FIBRONECTIN

FIG. 12

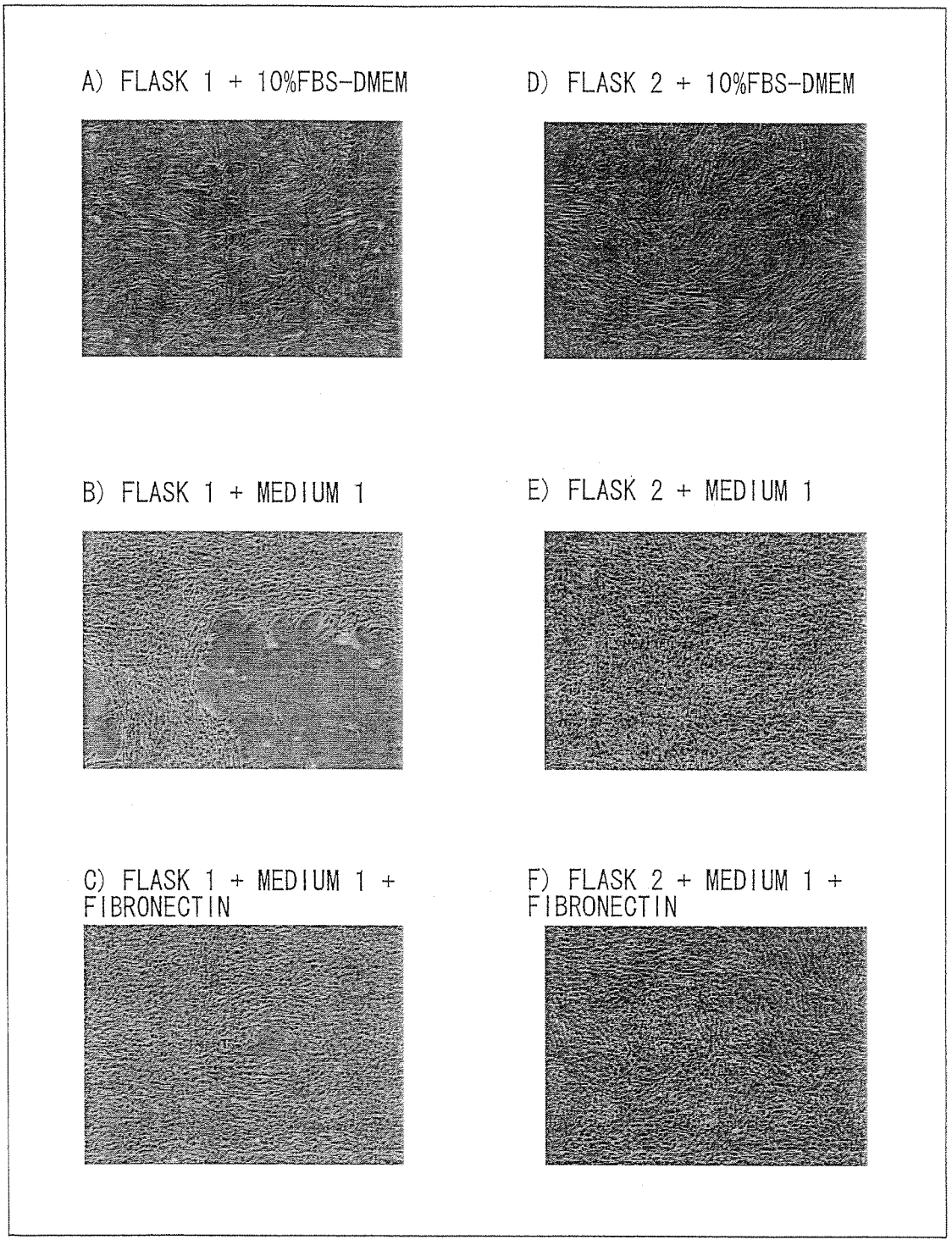
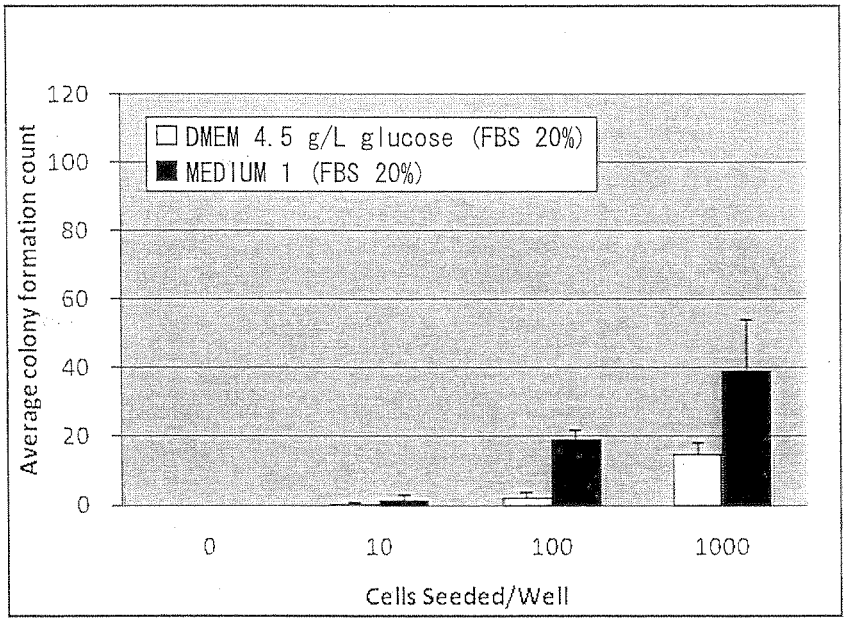
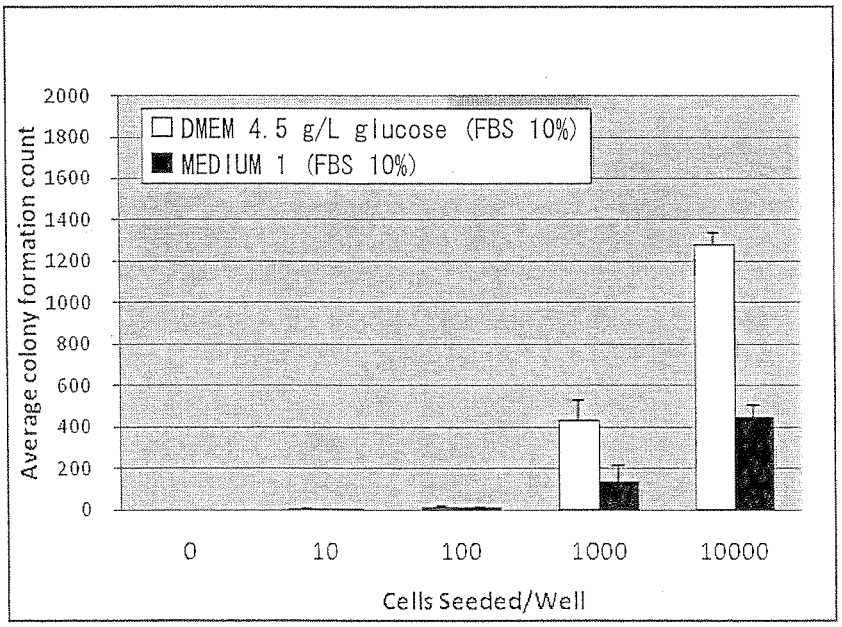

A) FLASK 1 + 10%FBS-DMEM
D) FLASK 2 + 10%FBS-DMEM
B) FLASK 1 + MEDIUM 1
E) FLASK 2 + MEDIUM 1
C) FLASK 1 + MEDIUM 1 + FIBRONECTIN
F) FLASK 2 + MEDIUM 1 + FIBRONECTIN

FIG. 13

(a)


120
100
80
60
40
20
0
Average colony formation count
DMEM 4.5 g/L glucose (FBS 20%)
MEDIUM 1 (FBS 20%)
0
10
100
1000
Cells Seeded/Well

(b)


2000
1800
1600
1400
1200
1000
800
600
400
200
0
Average colony formation count
DMEM 4.5 g/L glucose (FBS 10%)
MEDIUM 1 (FBS 10%)
0
10
100
1000
10000
Cells Seeded/Well