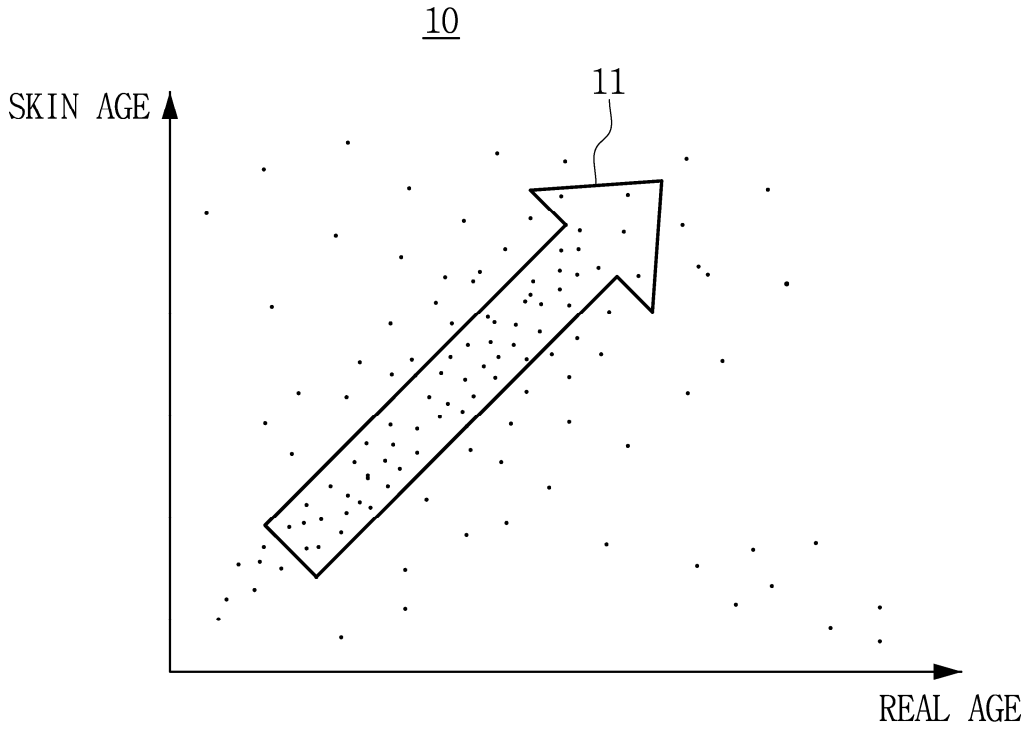
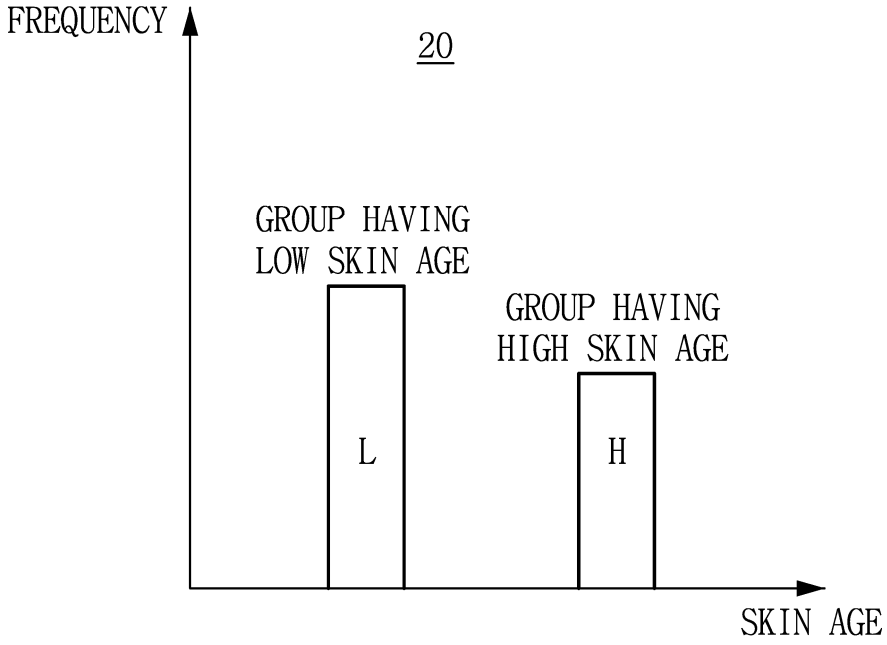
【DRAWINGS】

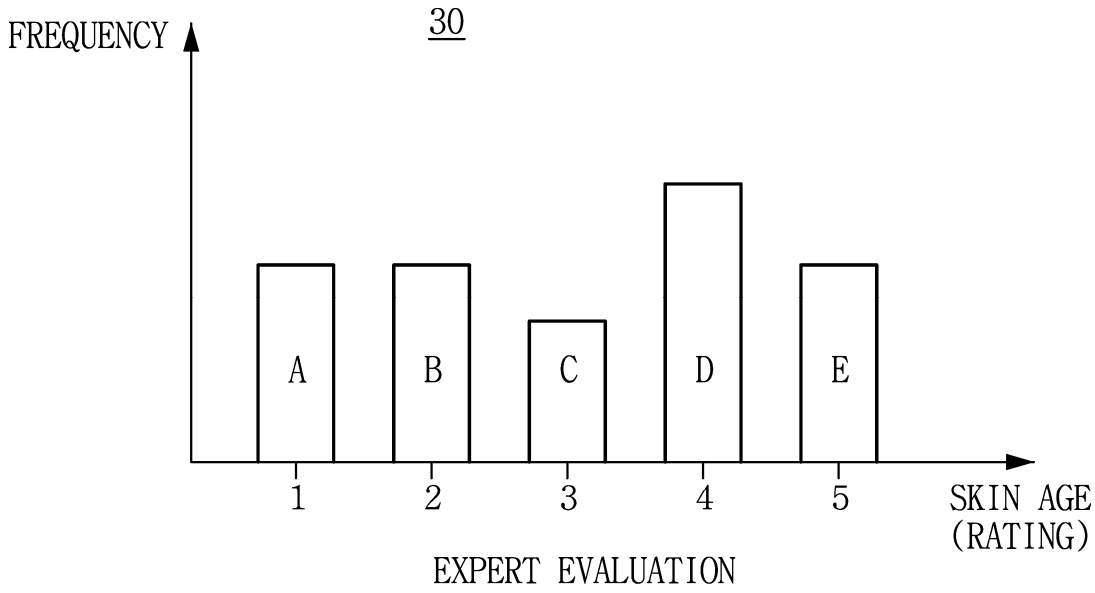
【Fig. 1】



【Fig. 2】


FREQUENCY
20
GROUP HAVING
LOW SKIN AGE
GROUP HAVING
HIGH SKIN AGE
L
H
SKIN AGE

【Fig. 3】


30
FREQUENCY
A
B
C
D
E
1
2
3
4
5
SKIN AGE
(RATING)
EXPERT EVALUATION

【Fig. 4】

40

| n=22 | Q19 | |
|---|---|---|
| | r | p-value |
| MOISTURE | N.S | — |
| OIL | N.S | — |
| ELASTICITY | N.S | — |
| SKIN TEXTURE | N.S | — |
| PORE SIZE | N.S | — |
| NUMBER OF PORES | N.S | — |
| SEBUM SIZE | N.S | — |
| NUMBER OF SEBUM | N.S | — |
| PERIORBITAL WRINKLE AREA | -0.532(*) | 0.011 |
| PIGMENT AREA | -0.561(*) | 0.007 |

42

43

44

41

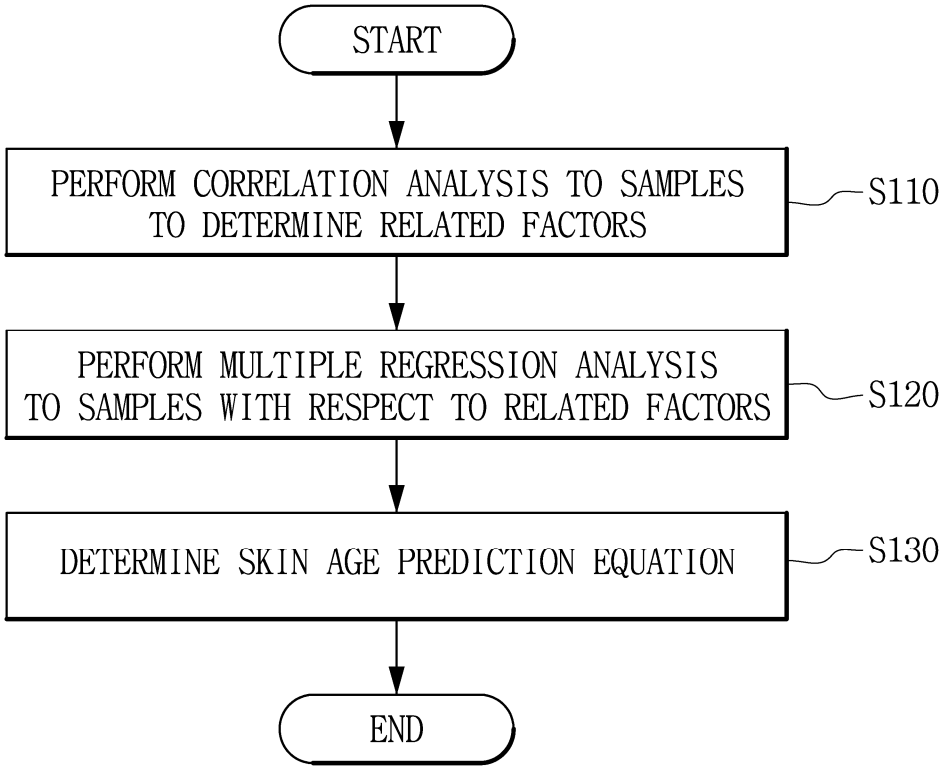
【Fig. 5】

50

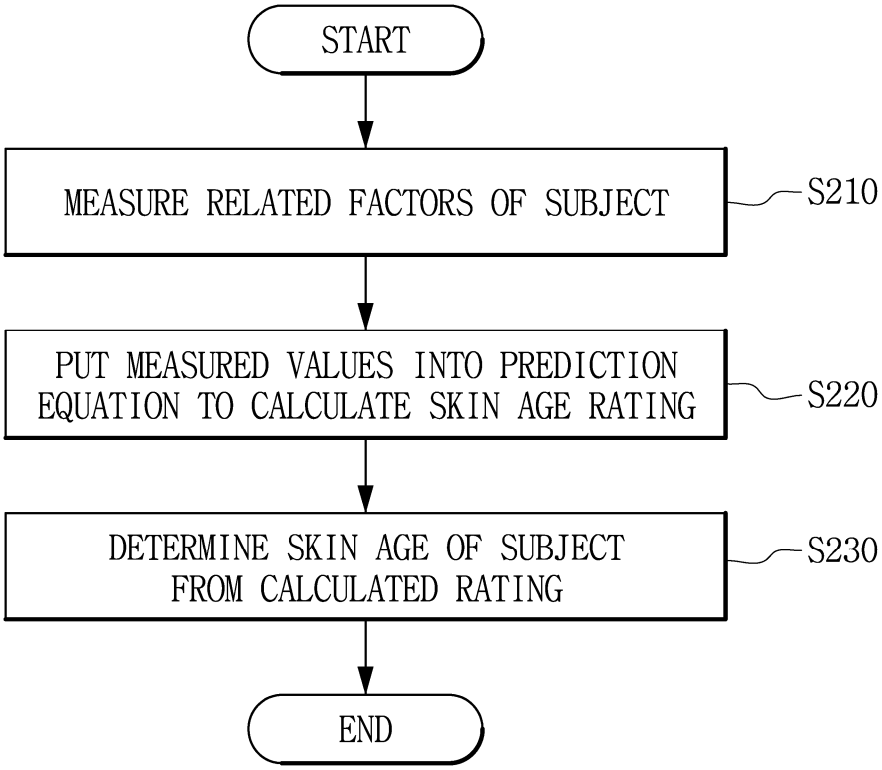
51 52 51

| n=22<br>CONSTANT : 7.414 | BETA | p-value | $R^2$ |
|---|---|---|---|
| PIGMENT AREA | -0.0000558 | 0.006 | 0.523 |
| PERIORBITAL WRINKLE AREA | -0.0000576 | 0.01 | |

【Fig. 6】


START
PERFORM CORRELATION ANALYSIS TO SAMPLES TO DETERMINE RELATED FACTORS
S110
PERFORM MULTIPLE REGRESSION ANALYSIS TO SAMPLES WITH RESPECT TO RELATED FACTORS
S120
DETERMINE SKIN AGE PREDICTION EQUATION
S130
END

【Fig. 7】


START
MEASURE RELATED FACTORS OF SUBJECT
S210
PUT MEASURED VALUES INTO PREDICTION EQUATION TO CALCULATE SKIN AGE RATING
S220
DETERMINE SKIN AGE OF SUBJECT FROM CALCULATED RATING
S230
END