

FIG. 1

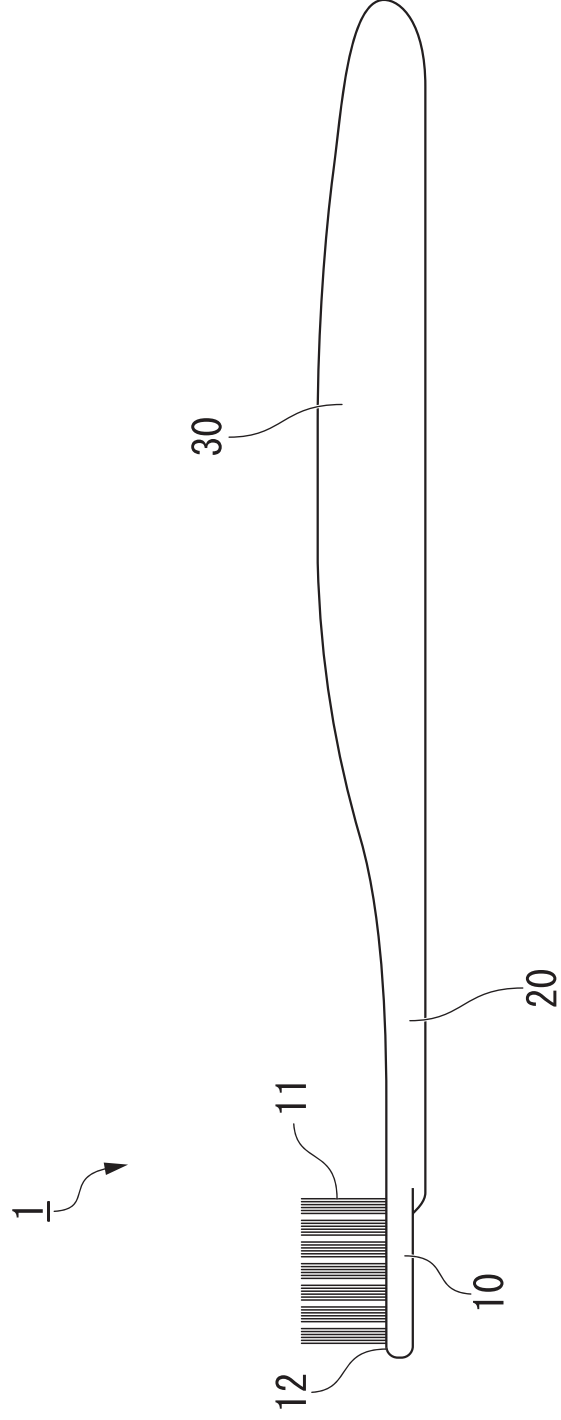


FIG. 2

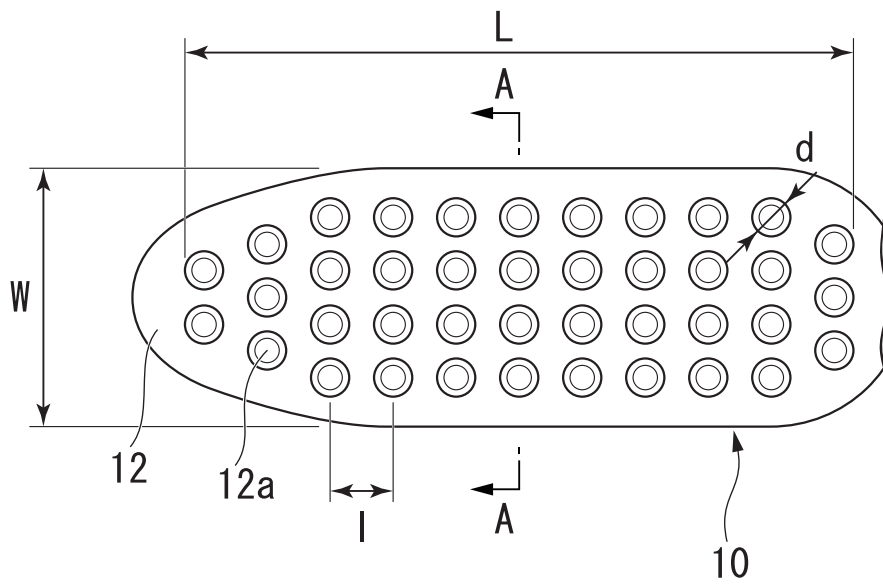


FIG. 3

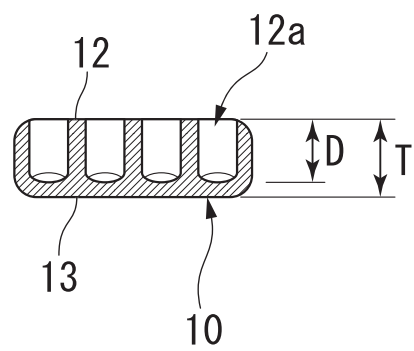


FIG. 4

		EXAMPLE 1	EXAMPLE 2	EXAMPLE 3	EXAMPLE 4	EXAMPLE 5
MINIMUM THICKNESS OF HEAD PORTION(mm)	T	3	3	3	2.5	3
HOLE DEPTH(mm)	D	2.5	2.5	2.5	2	2.5
LENGTH OF BRISTLE-TUFTING PORTION(mm)	L	27	15	22	22	26.8
PITCH BETWEEN HOLES IN LONGITUDINAL DIRECTION(mm)	l	2.5	2.6	2.7	2.5	2.53
MAXIMUM WIDTH OF BRISTLE-TUFTING PORTION(mm)	W	14	8	10.5	10.5	10.48
HOLE DIAMETER (mm)	d	1.5	1.6	1.5	1.5	1.5
NUMBER OF ROWS IN WIDTH (NUMBER)	n	6	3	4	4	4
$(T-D)*(l-d)*(W-n*d)*(T/L/W)*100$		1.984	4	3.506	2.435	2.464
EVALUATION (STRAIN)		0	0	0	00	00

		EXAMPLE 6	EXAMPLE 7	EXAMPLE 8	EXAMPLE 9	EXAMPLE 10
MINIMUM THICKNESS OF HEAD PORTION(mm)	T	2	3.5	2	3.5	3
HOLE DEPTH(mm)	D	1.6	3	1.6	3	2.5
LENGTH OF BRISTLE-TUFTING PORTION(mm)	L	22	22	15	27	18.8
PITCH BETWEEN HOLES IN LONGITUDINAL DIRECTION(mm)	l	2.5	2.5	2.5	2.5	2.5
MAXIMUM WIDTH OF BRISTLE-TUFTING PORTION(mm)	W	10.5	10.5	8	10.5	9.65
HOLE DIAMETER (mm)	d	1.5	1.5	1.5	1.5	1.5
NUMBER OF ROWS IN WIDTH (NUMBER)	n	4	4	3	4	4
$(T-D)*(l-d)*(W-n*d)*(T/L/W)*100$		1.558	3.409	2.333	2.778	3.018
EVALUATION (STRAIN)		0	00	00	00	00

COMPARATIVE EXAMPLE

		COMPARATIVE EXAMPLE 1	COMPARATIVE EXAMPLE 2	COMPARATIVE EXAMPLE 3	COMPARATIVE EXAMPLE 4
MINIMUM THICKNESS OF HEAD PORTION(mm)	T	3.5	3.5	3	3
HOLE DEPTH(mm)	D	3	3	2.5	2.5
LENGTH OF BRISTLE-TUFTING PORTION(mm)	L	15	18	25	25
PITCH BETWEEN HOLES IN LONGITUDINAL DIRECTION(mm)	l	2.5	2.5	2.7	3.2
MAXIMUM WIDTH OF BRISTLE-TUFTING PORTION(mm)	W	8	10.5	14	15
HOLE DIAMETER (mm)	d	1.5	1.5	1.5	2
NUMBER OF ROWS IN WIDTH (NUMBER)	n	3	4	4	6
$(T-D)*(l-d)*(W-n*d)*(T/L/W)*100$		5.104	4.167	4.114	1.44
EVALUATION (STRAIN)		X	X	X	X