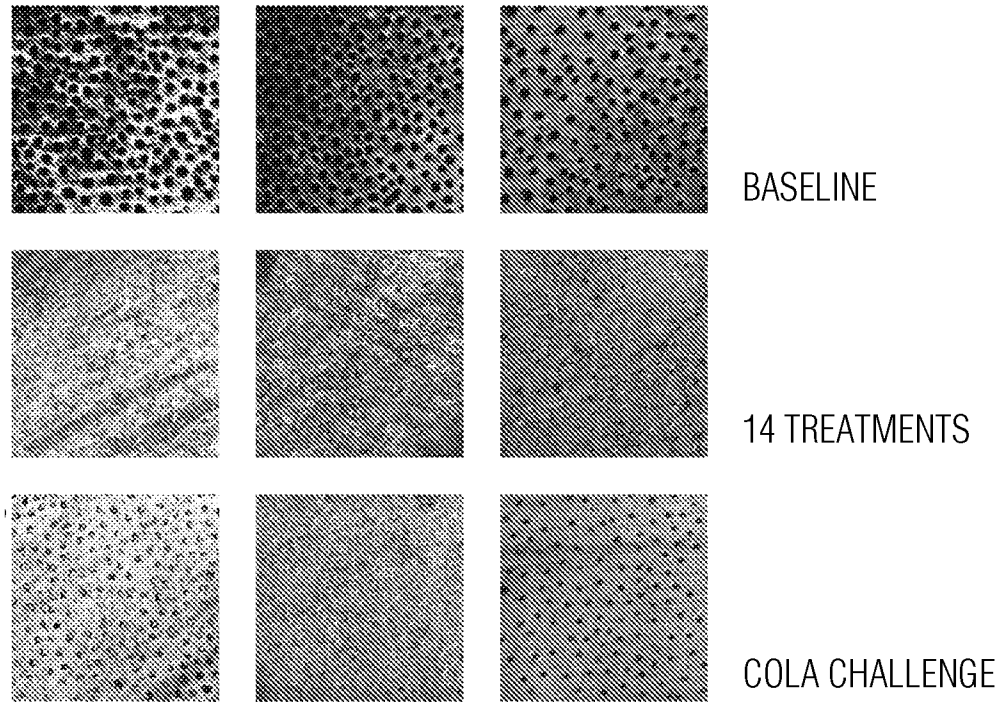


FIG. 1

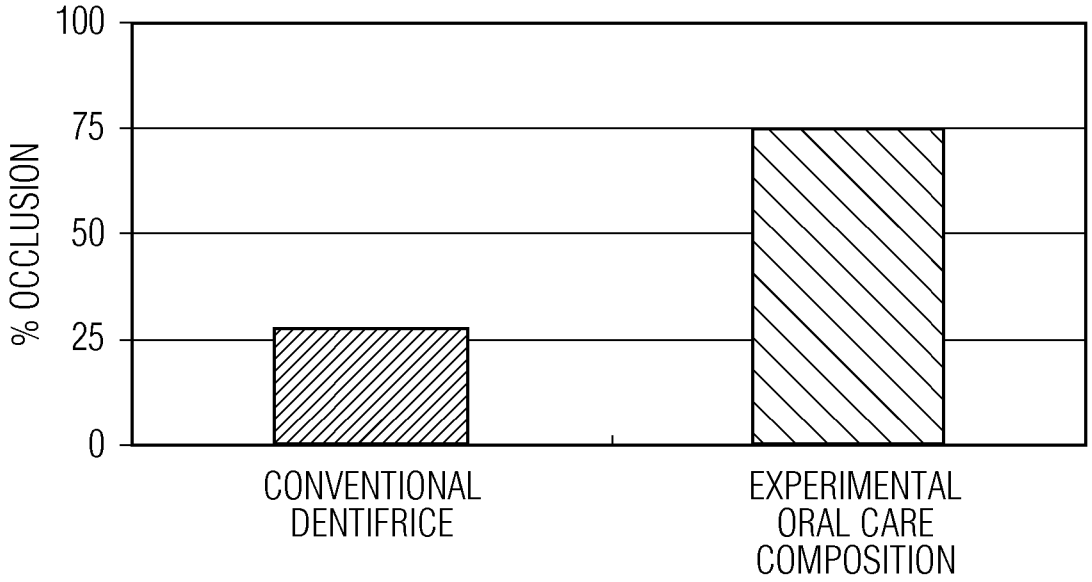

100
75
50
25
0
% OCCLUSION
CONVENTIONAL DENTIFRICE
EXPERIMENTAL ORAL CARE COMPOSITION

FIG. 2

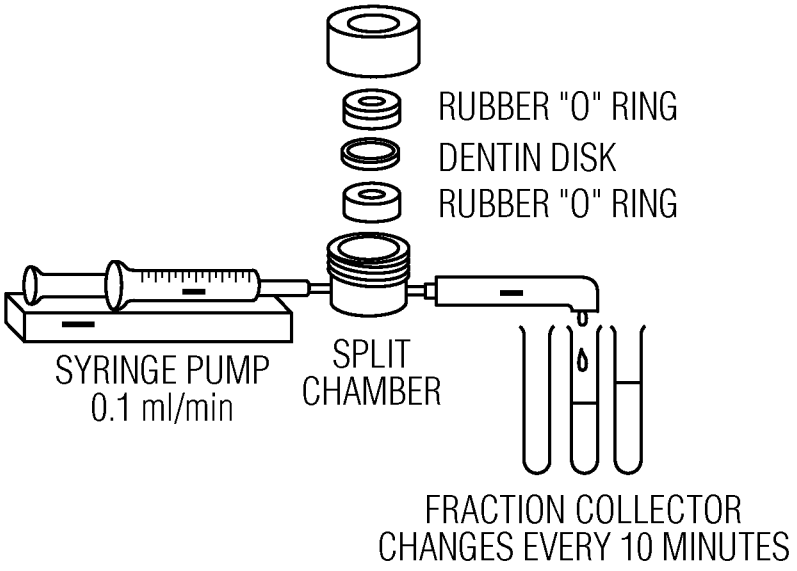

RUBBER "O" RING
DENTIN DISK
RUBBER "O" RING
SYRINGE PUMP
0.1 ml/min
SPLIT
CHAMBER
FRACTION COLLECTOR
CHANGES EVERY 10 MINUTES

FIG. 3A

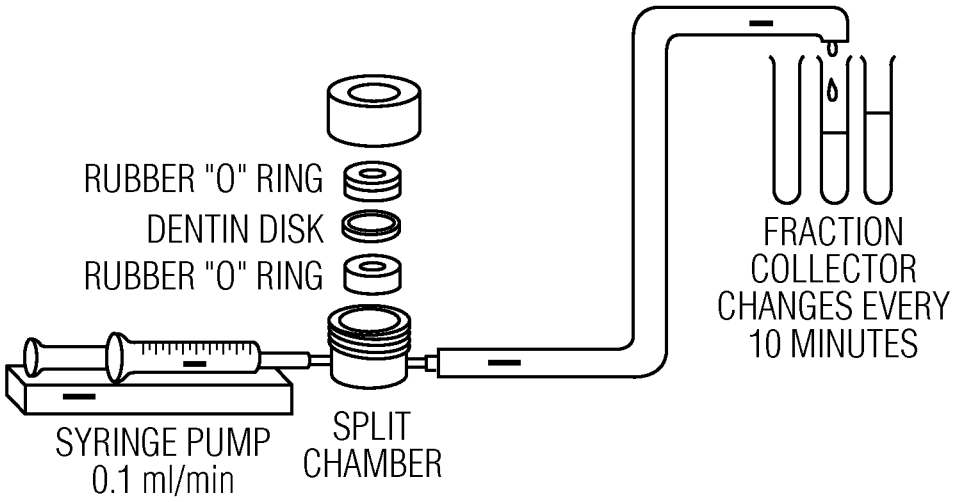

RUBBER "O" RING
DENTIN DISK
RUBBER "O" RING
SYRINGE PUMP
0.1 ml/min
SPLIT
CHAMBER
FRACTION
COLLECTOR
CHANGES EVERY
10 MINUTES

FIG. 3B

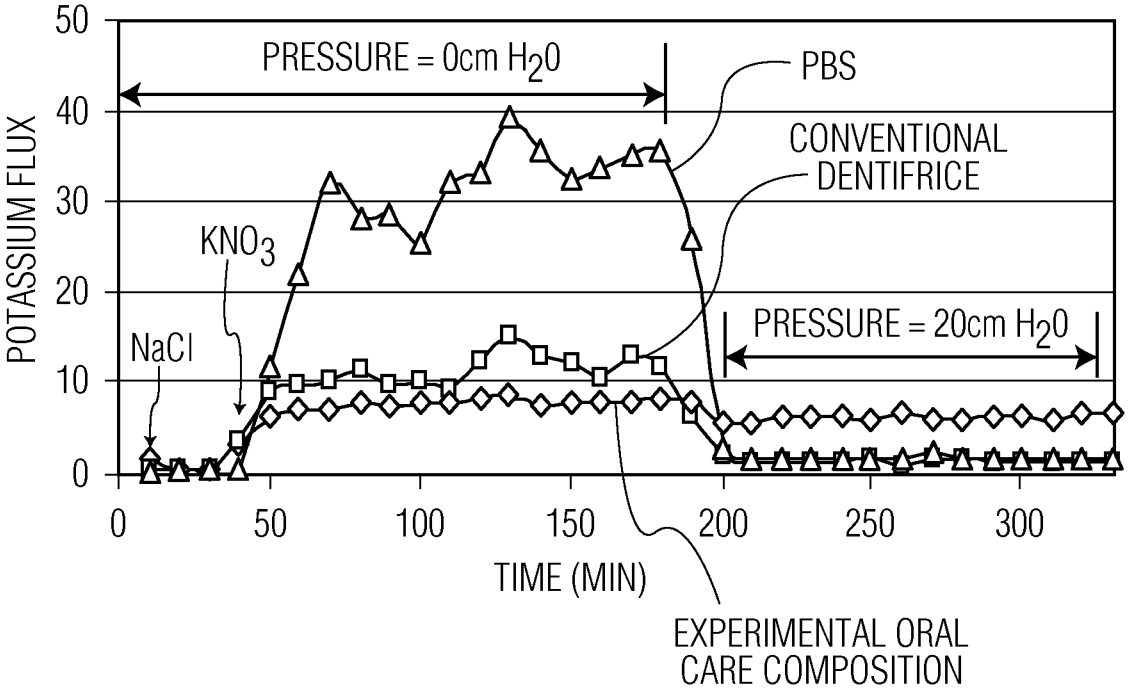

50
40
30
20
10
0
POTASSIUM FLUX
PRESSURE = 0cm H_2O
PBS
CONVENTIONAL DENTIFRICE
KNO_3
NaCl
PRESSURE = 20cm H_2O
0
50
100
150
200
250
300
TIME (MIN)
EXPERIMENTAL ORAL CARE COMPOSITION

FIG. 4

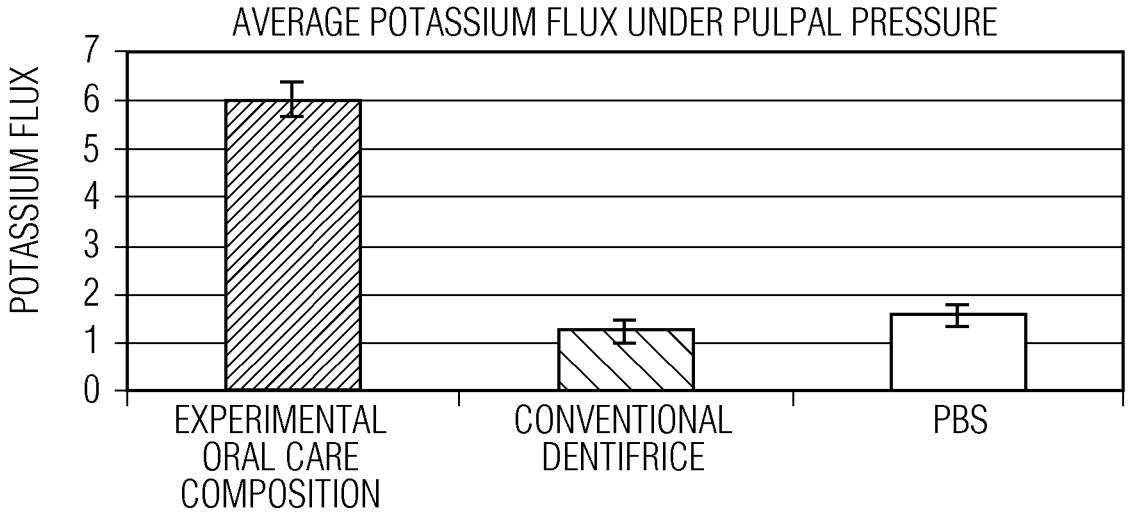

AVERAGE POTASSIUM FLUX UNDER PULPAL PRESSURE
POTASSIUM FLUX
7
6
5
4
3
2
1
0
EXPERIMENTAL ORAL CARE COMPOSITION
CONVENTIONAL DENTIFRICE
PBS

FIG. 5

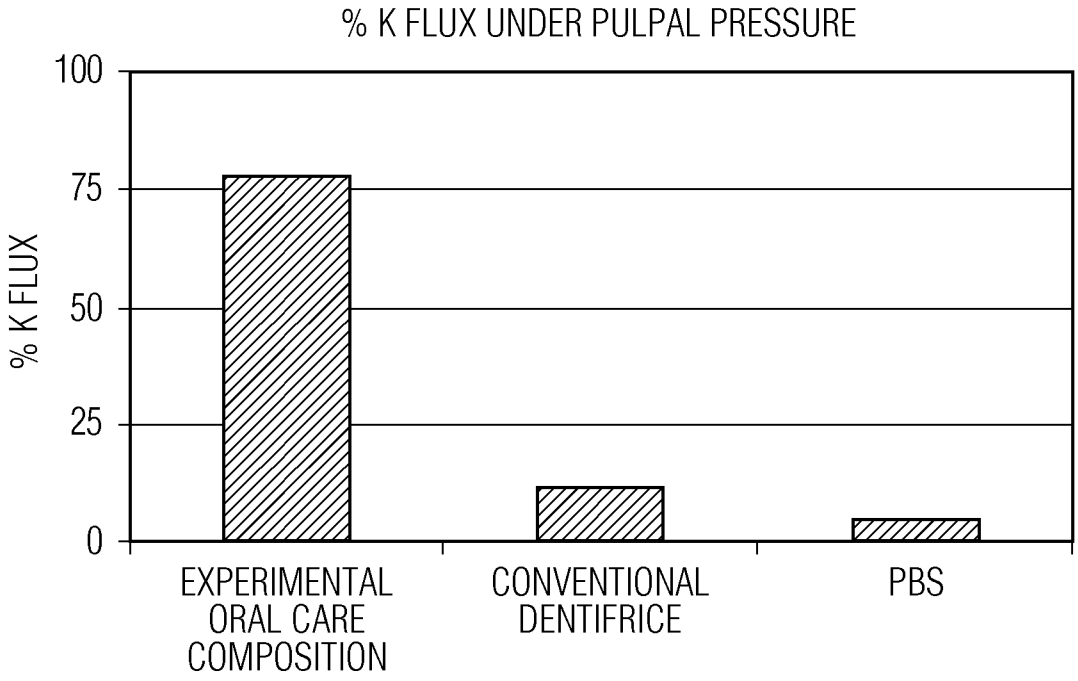

% K FLUX UNDER PULPAL PRESSURE
100
75
50
25
0
% K FLUX
EXPERIMENTAL ORAL CARE COMPOSITION
CONVENTIONAL DENTIFRICE
PBS

FIG. 6