

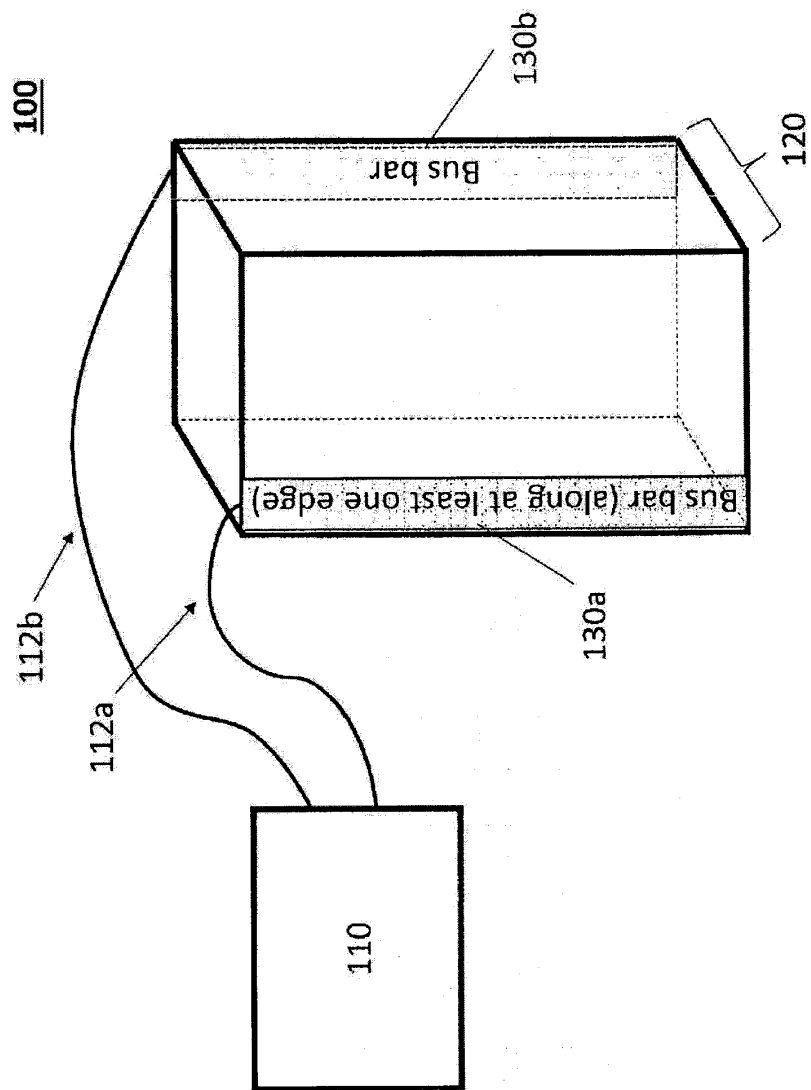


FIG.1A

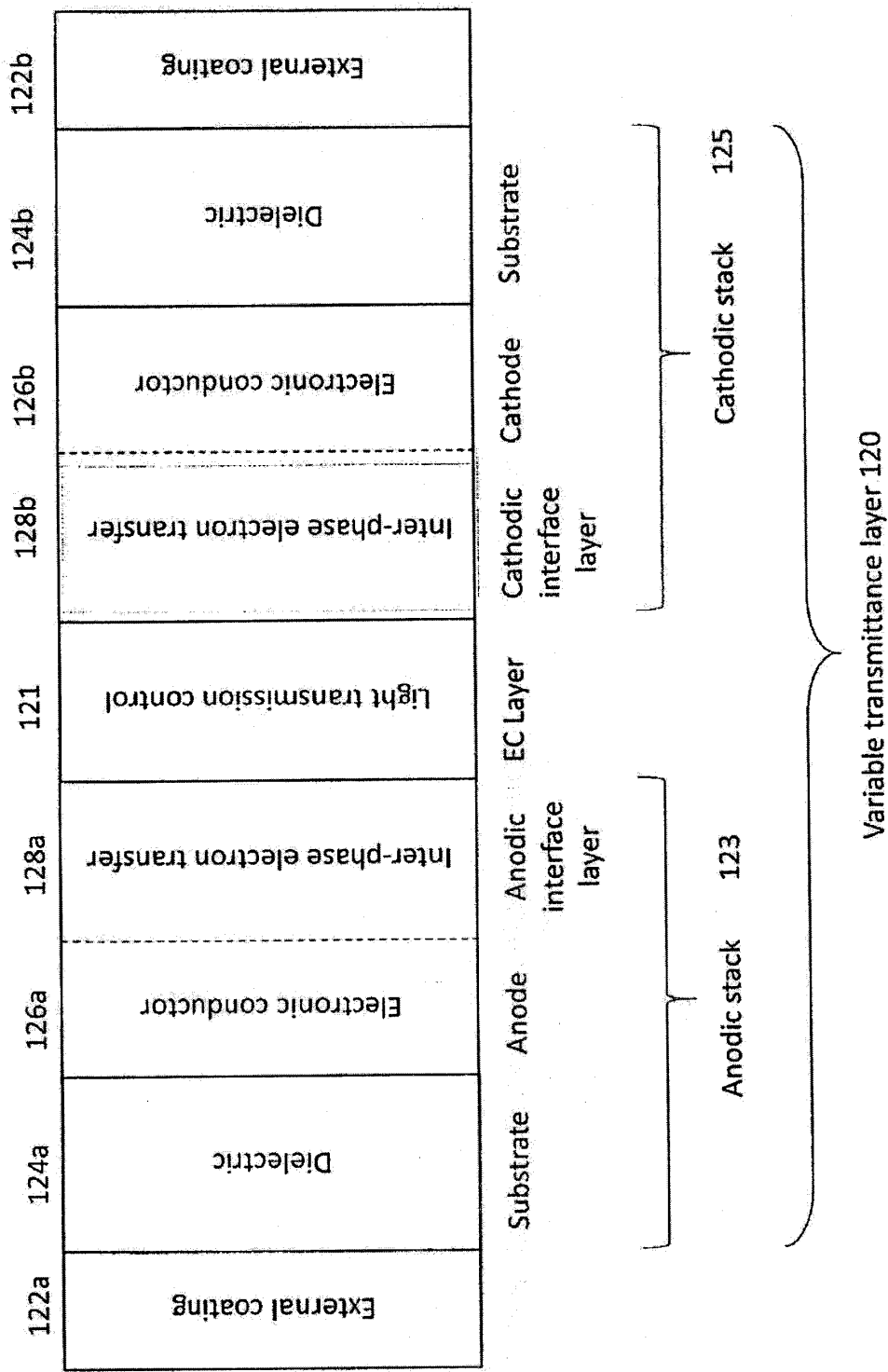


FIG.1B

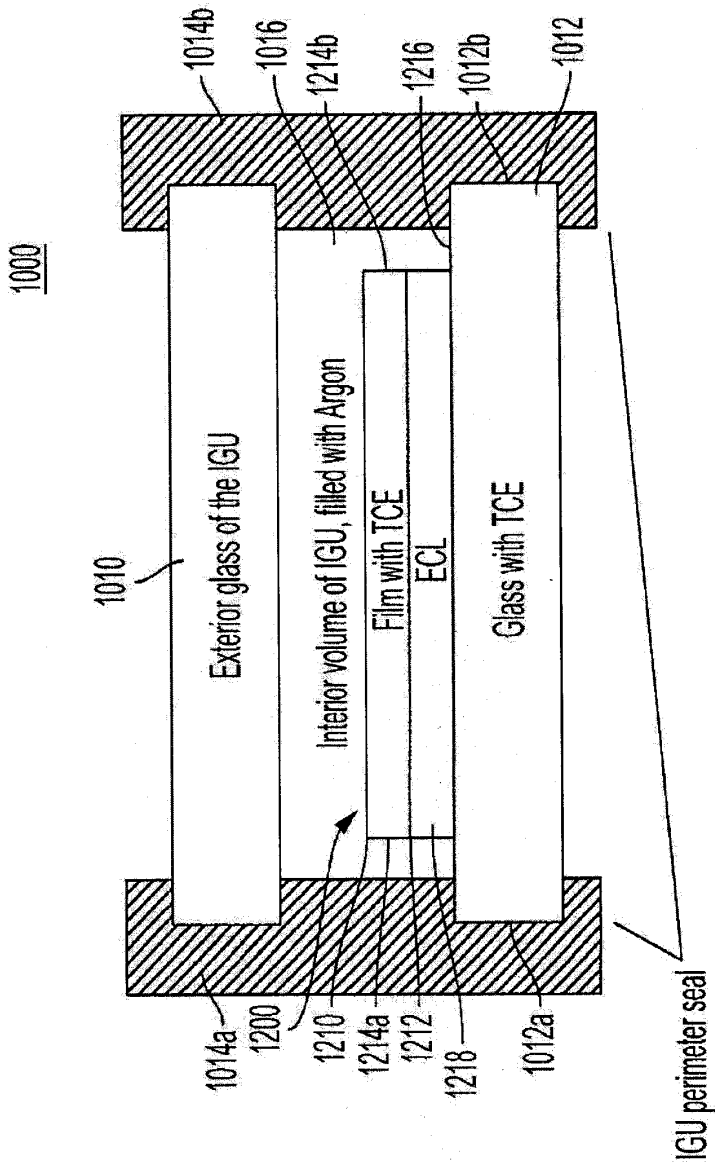


FIG.1C

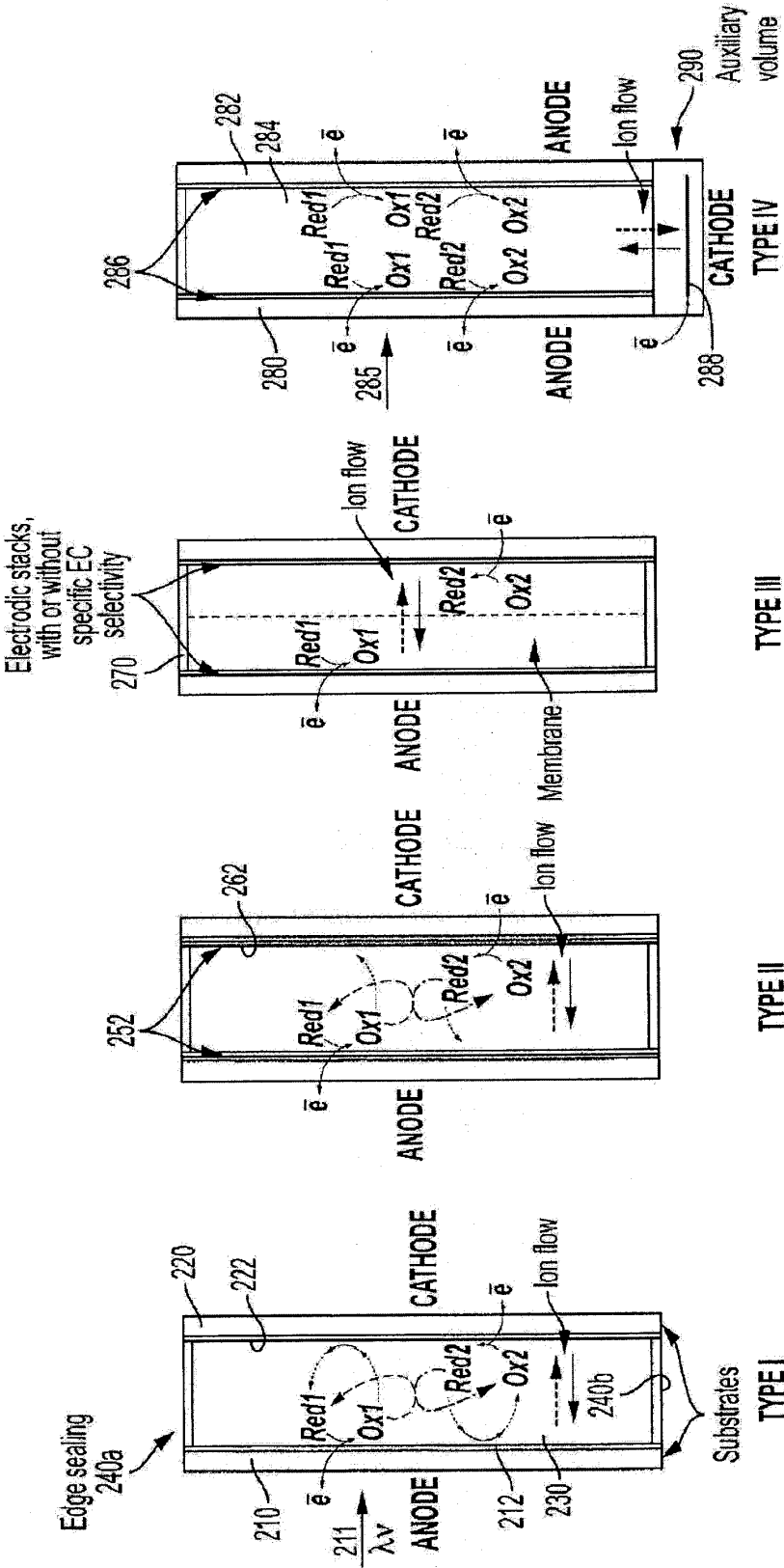


FIG.2

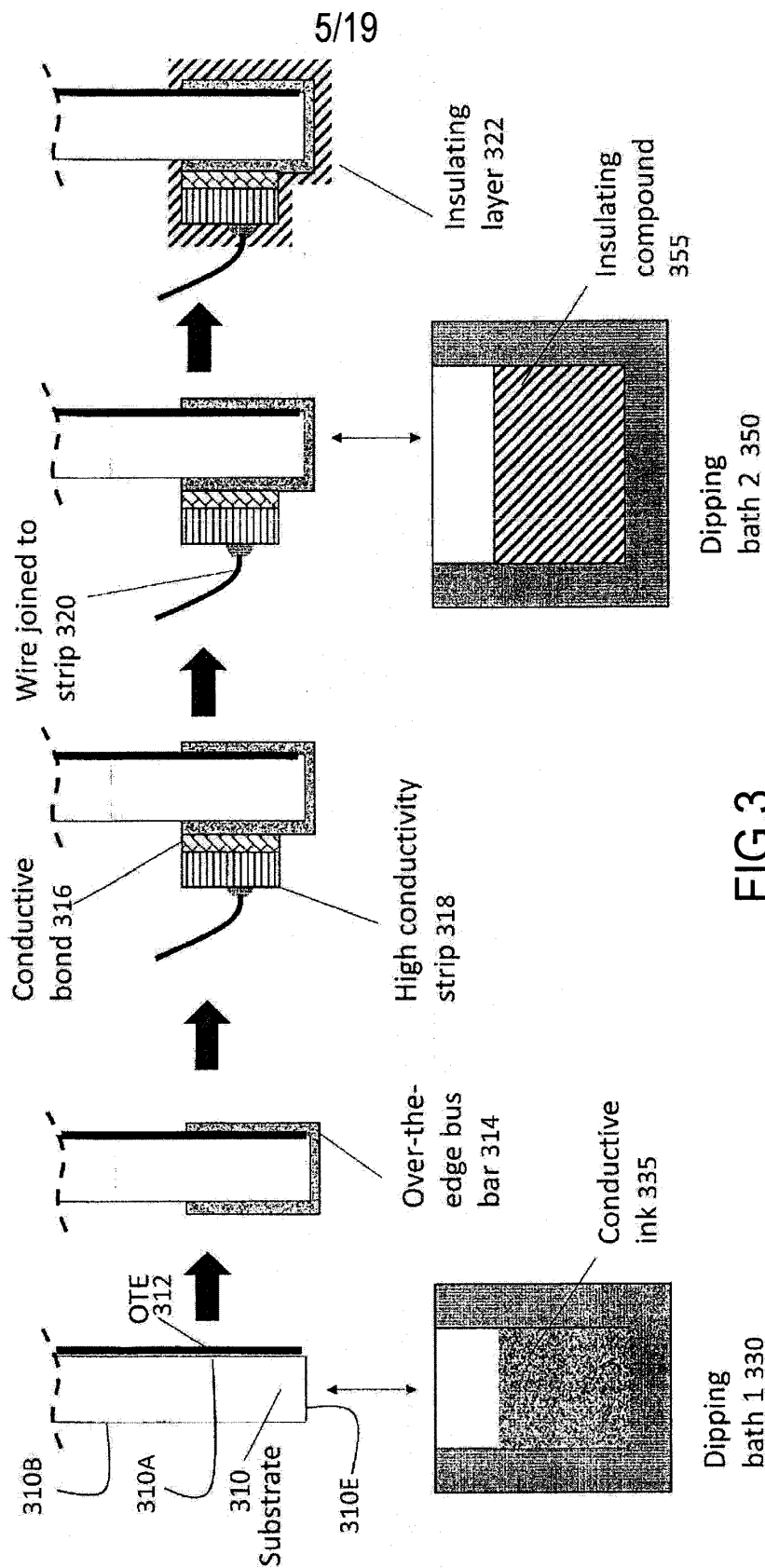


FIG.3

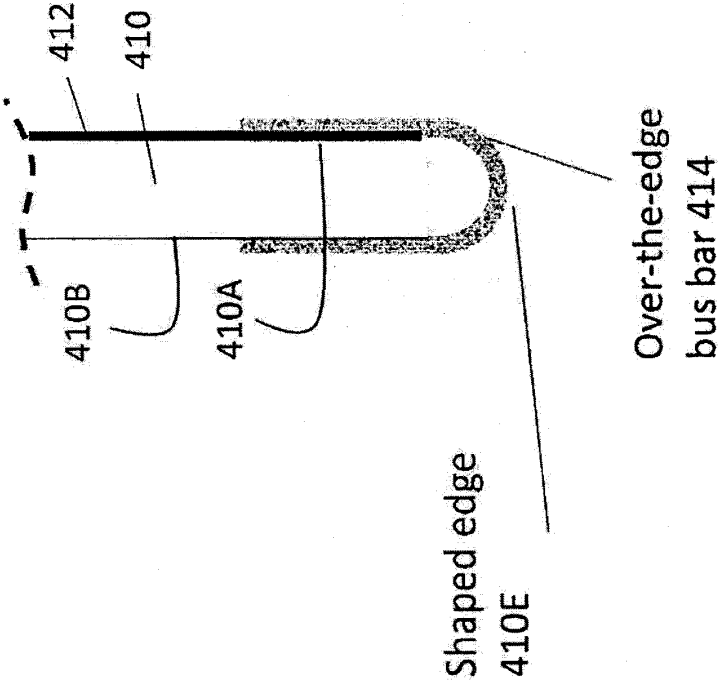


FIG. 4

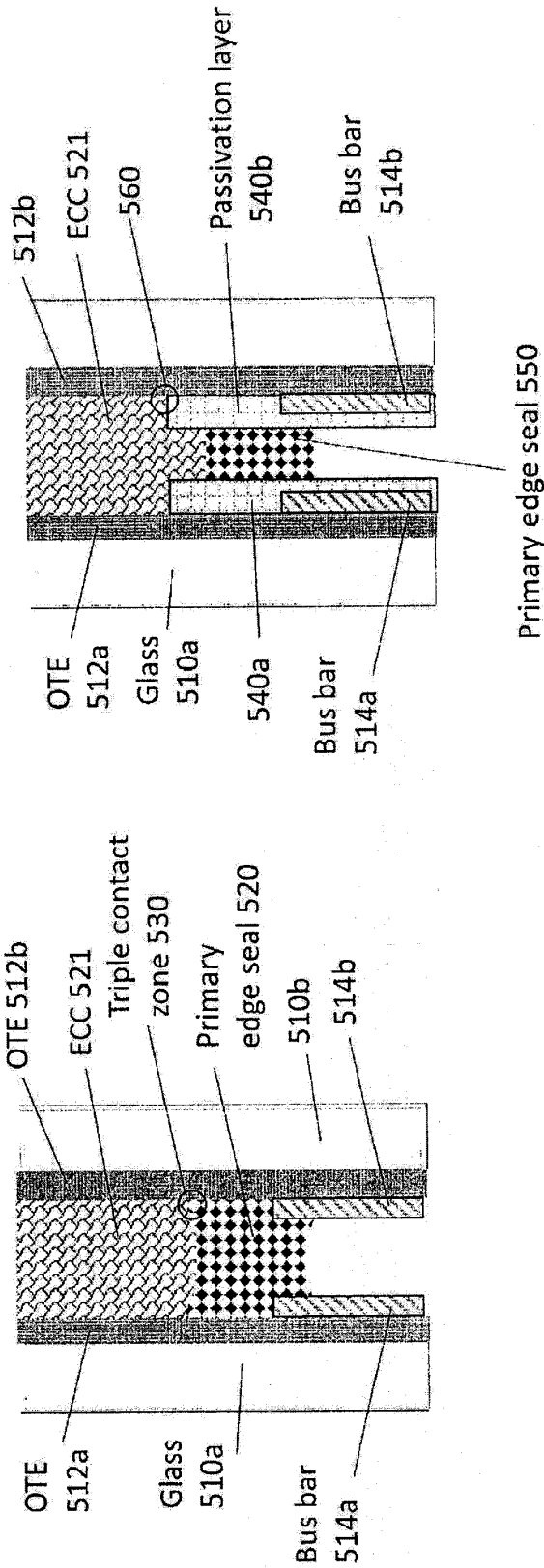


FIG.5B

FIG.5A

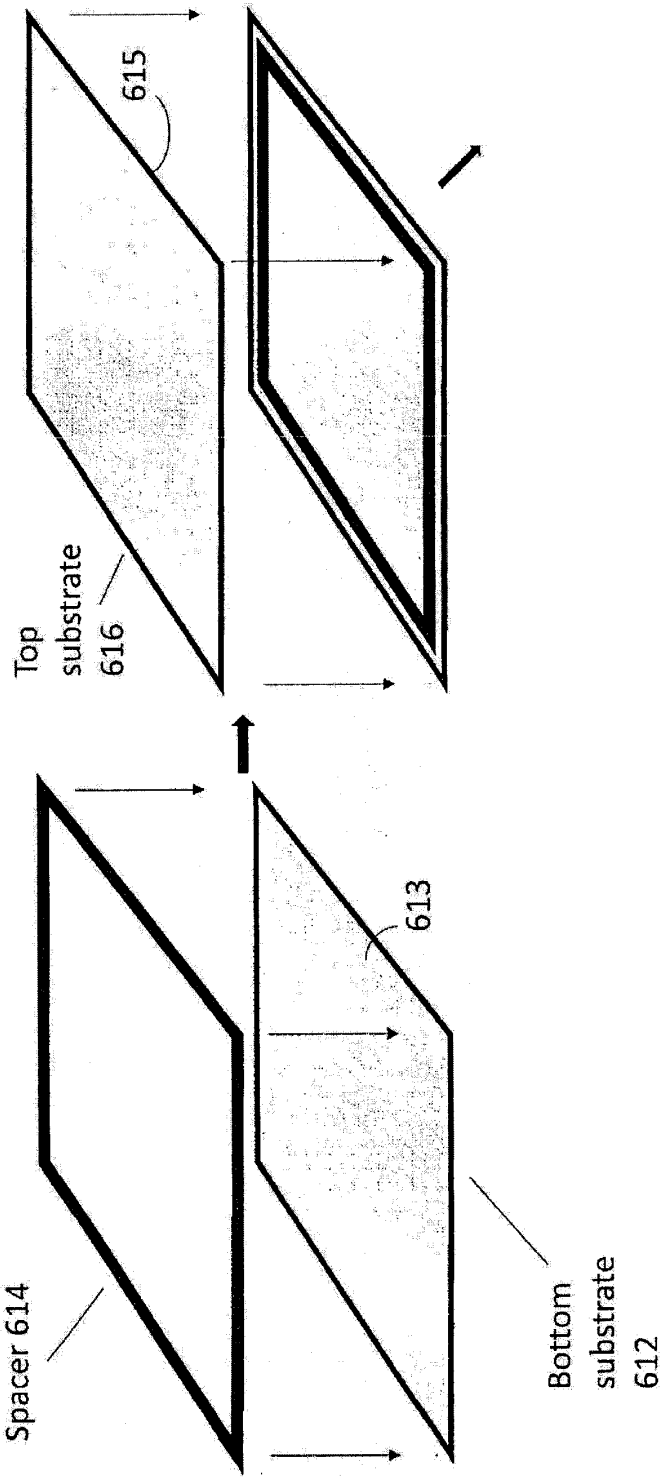


FIG. 6A

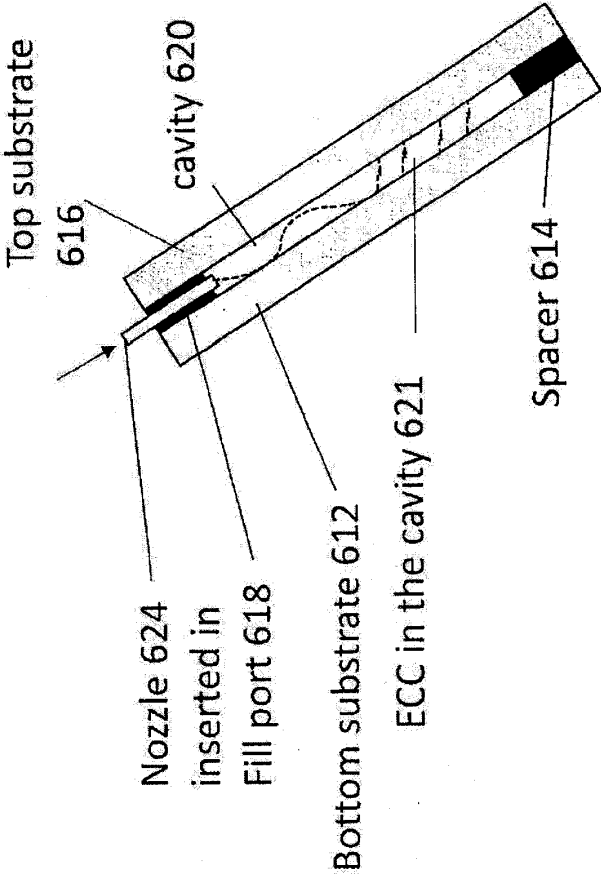


FIG. 6B

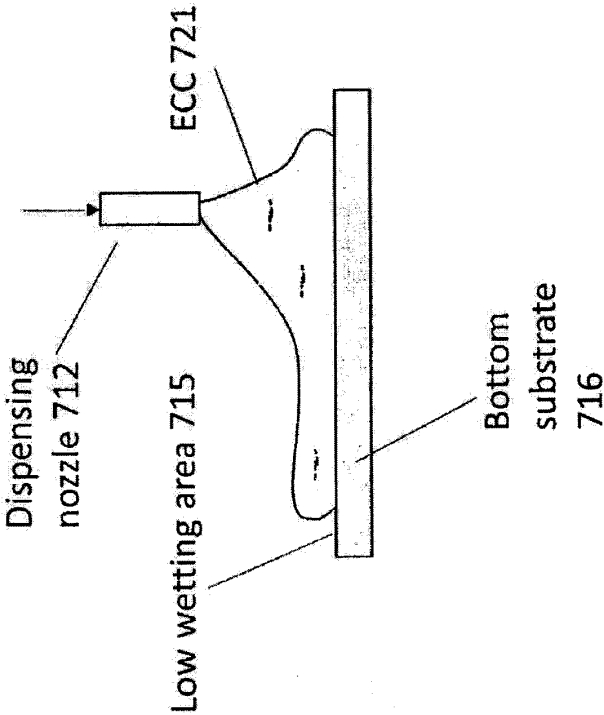


FIG. 7B

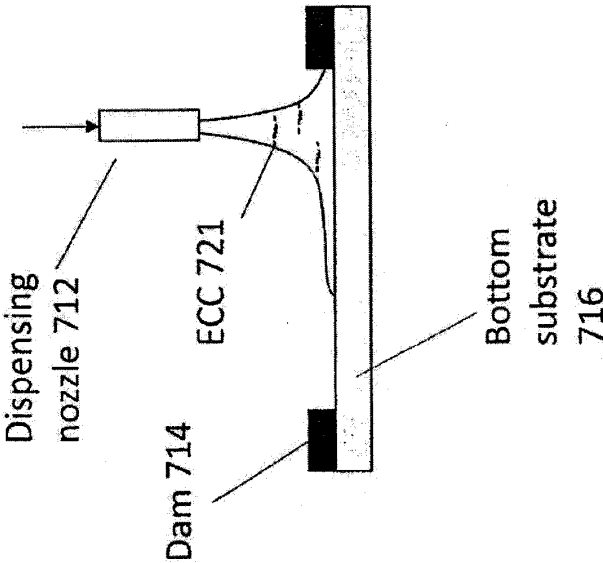


FIG. 7A

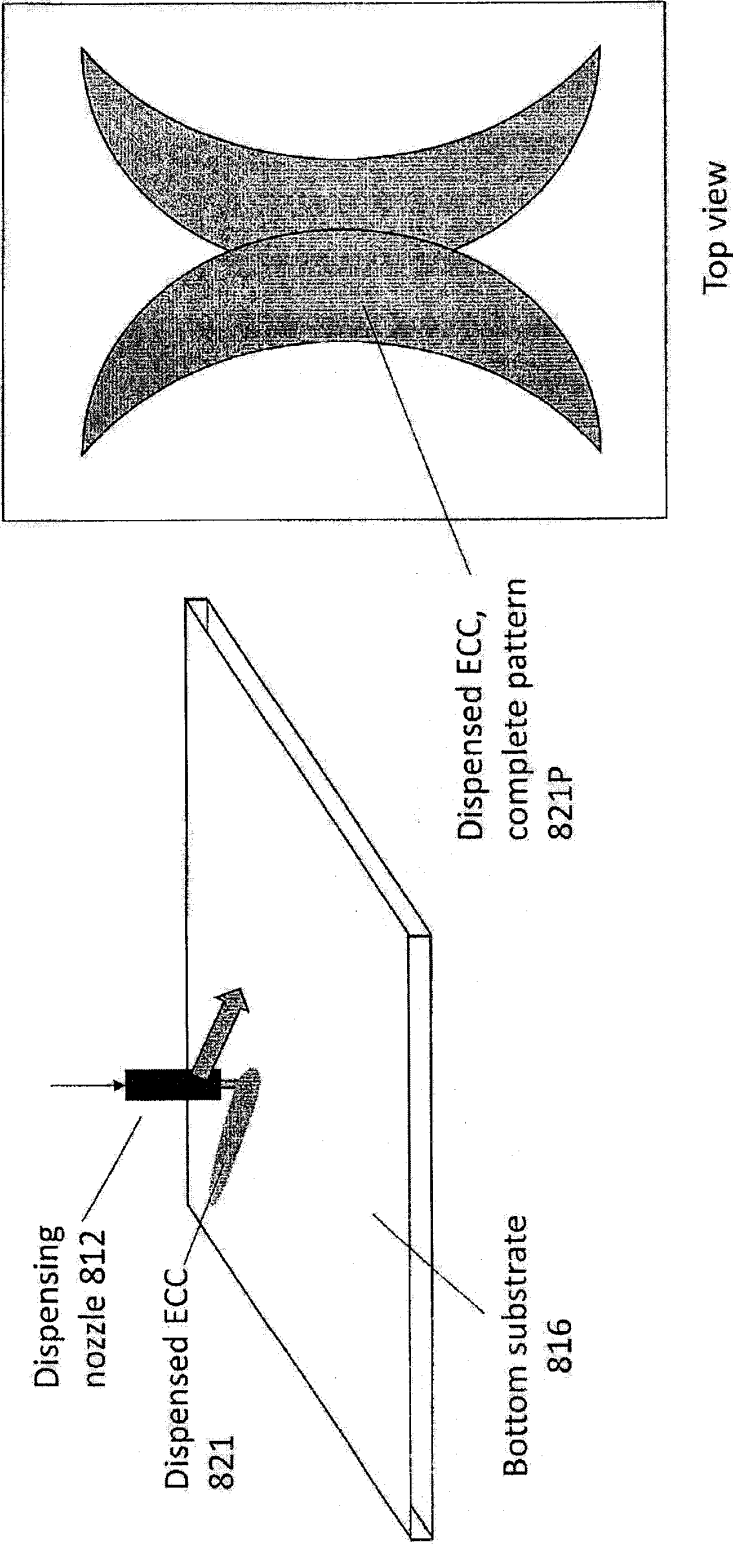


FIG. 8

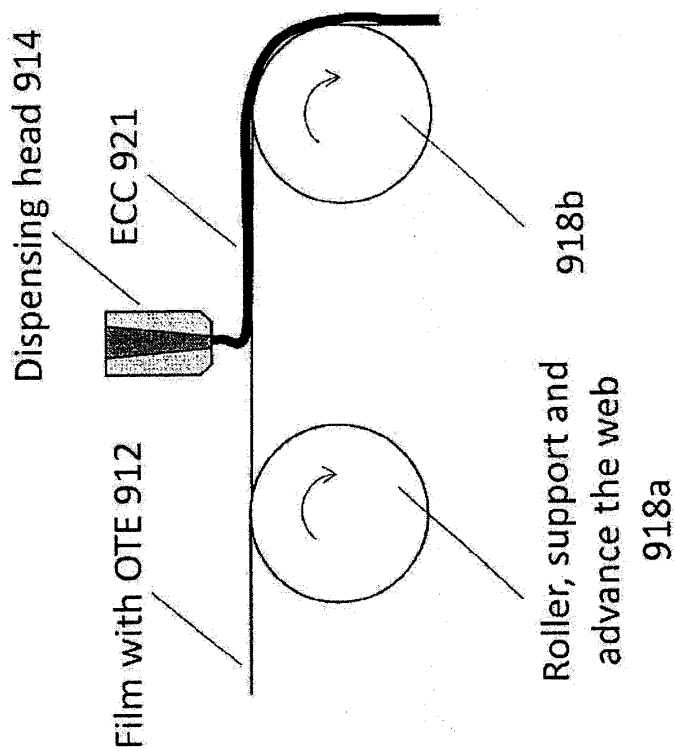
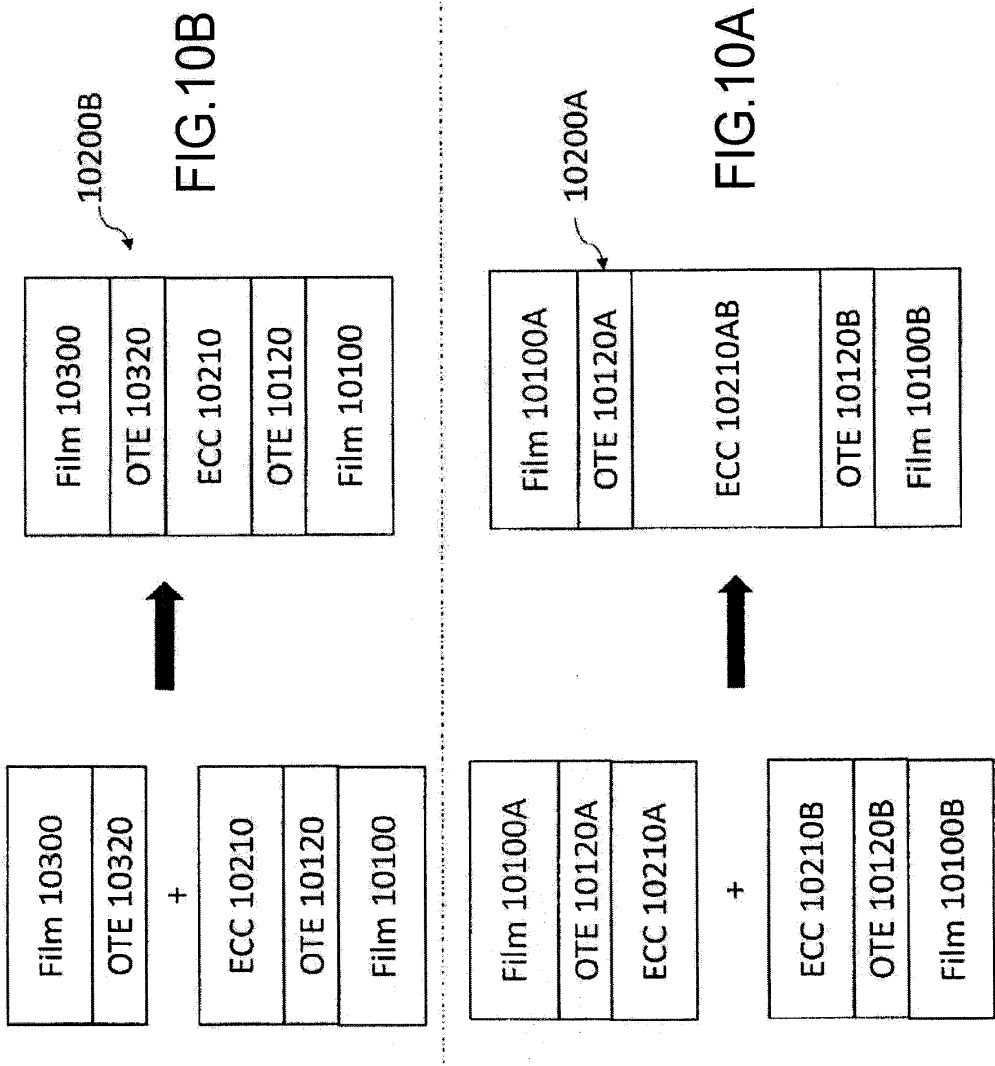


FIG.9



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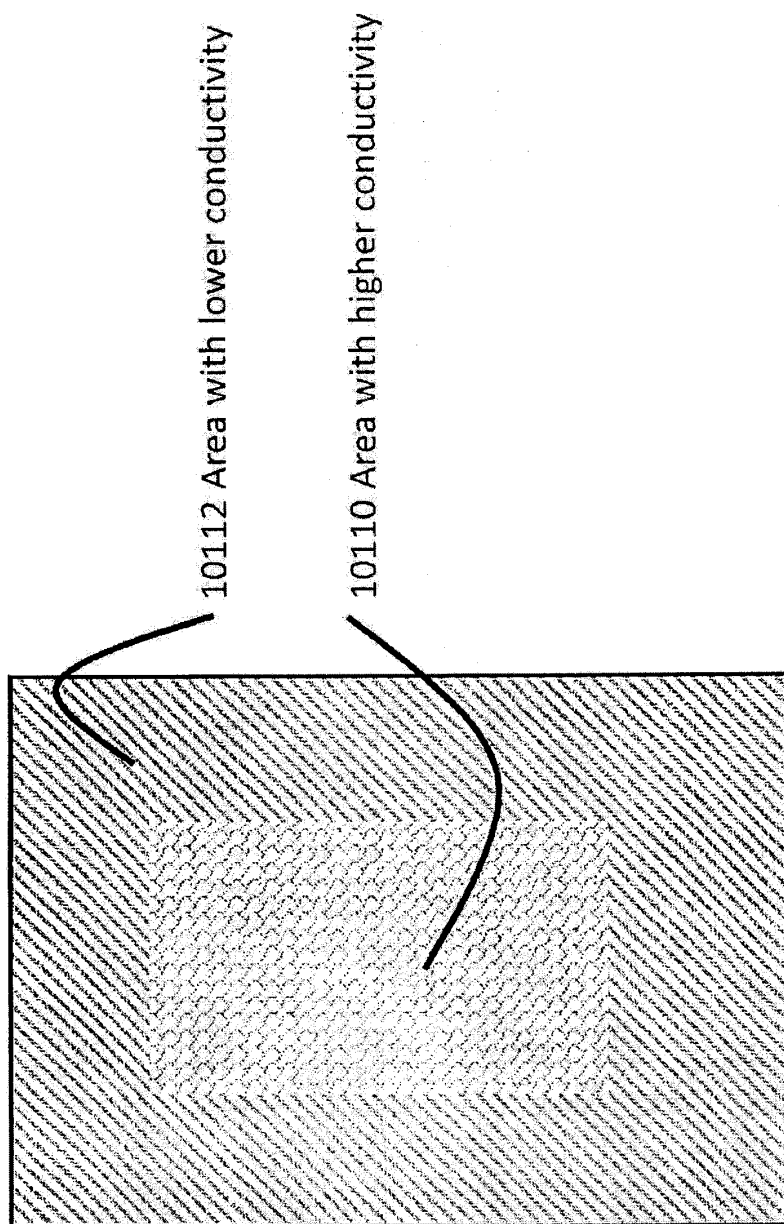


FIG.10C

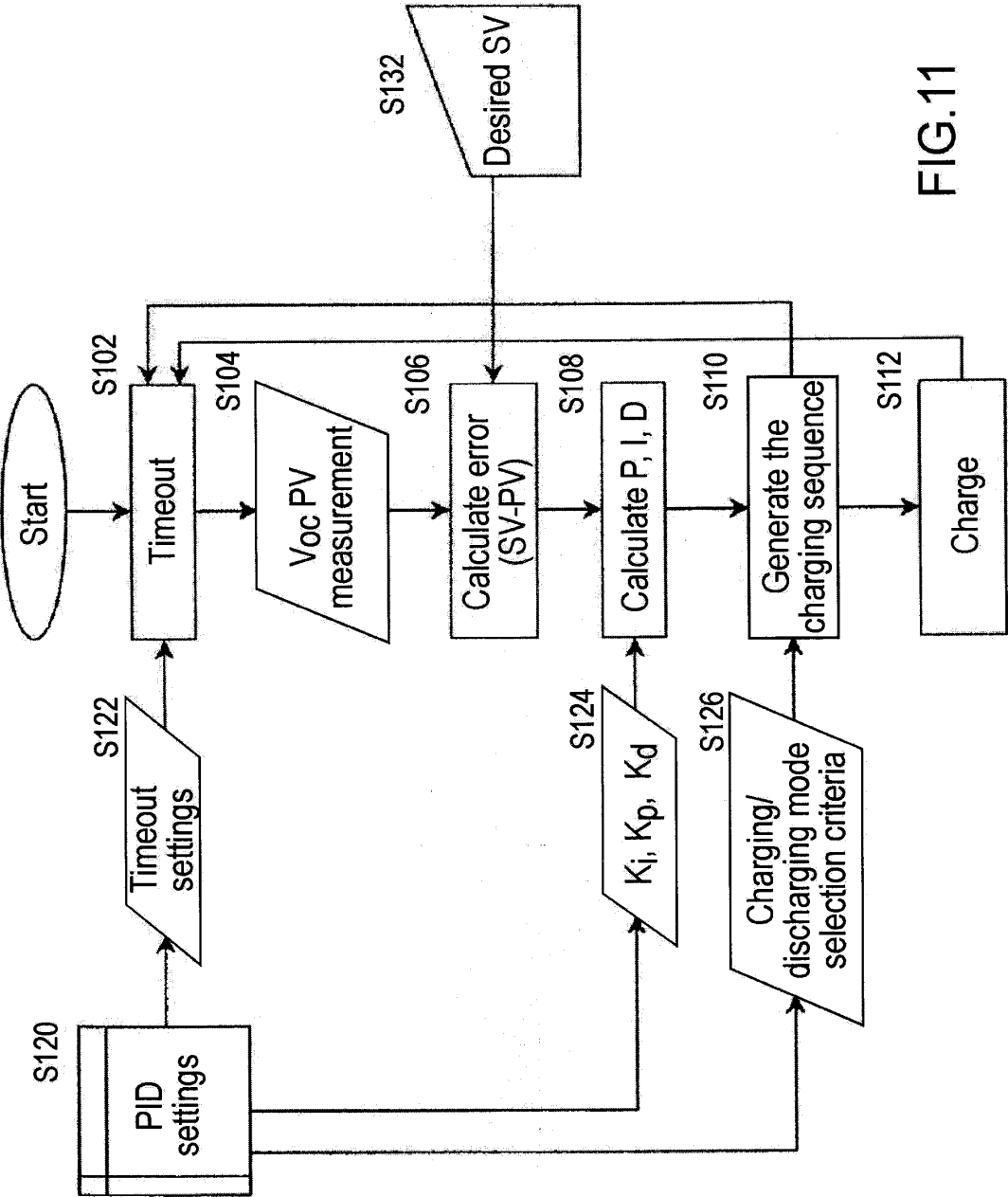


FIG.11

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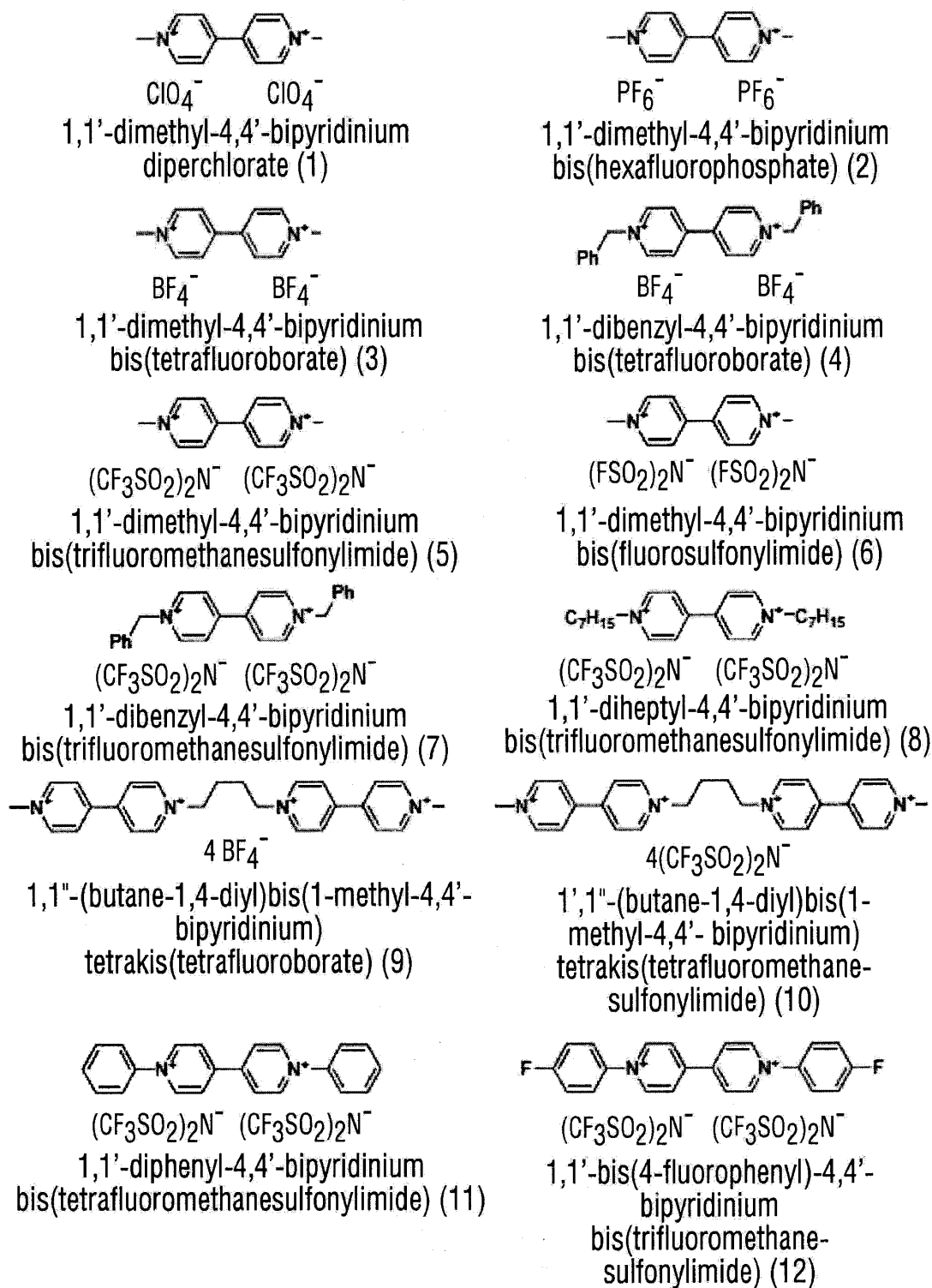


FIG.12A

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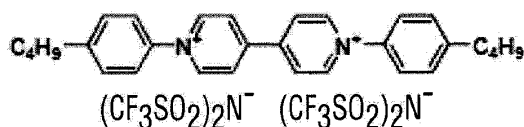
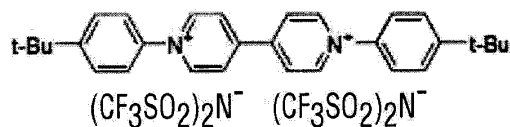
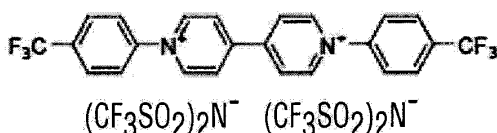
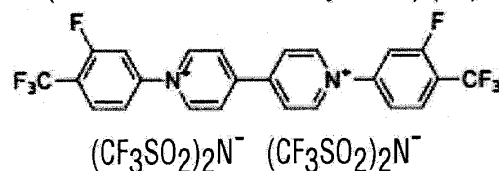
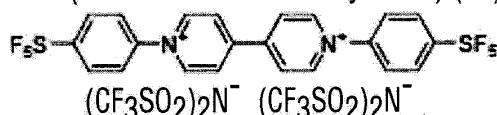
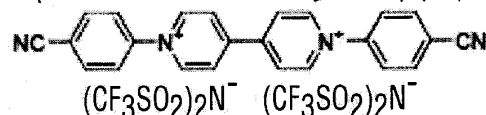
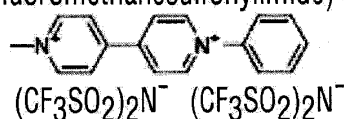
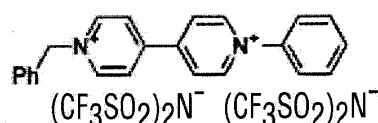
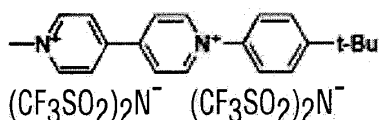
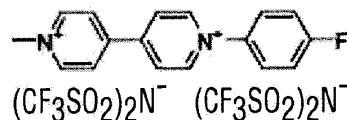
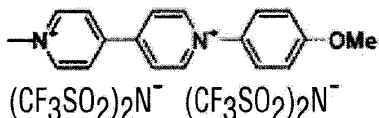
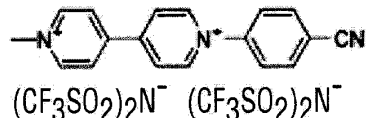
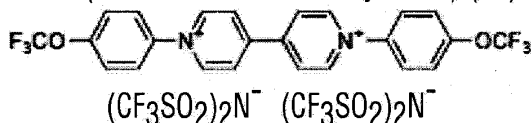
1,1'-bis(4-butylphenyl)-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (13)1,1'-bis(4-tert-butylphenyl)-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (14)1,1'-bis(4-trifluoromethylphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (15)1,1'-bis(4-trifluoromethyl-3-fluorophenyl)-
4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (16)1,1'-bis(4-(pentafluoro-λ6-sulfanyl)phenyl)-
4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (17)1,1'-bis(4-cyanophenyl)-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (18)1-methyl-1'-phenyl-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (19)1-benzyl-1'-phenyl-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (20)1-methyl-1'-(4-tert-butylphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (21)1-methyl-1'-(4-fluorophenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (22)1-methyl-1'-(4-trifluoromethylphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (23)1-methyl-1'-(4-cyanophenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (24)1,1'-bis(4-trifluoromethoxyphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (25)

FIG.12B

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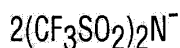
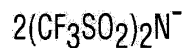
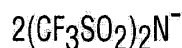
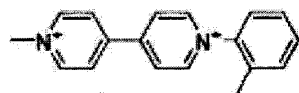
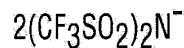
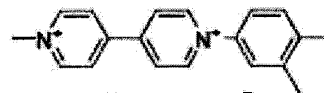
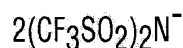
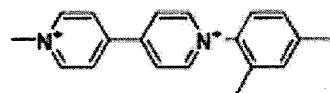
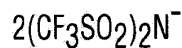
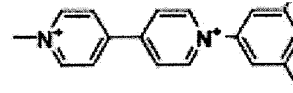
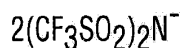
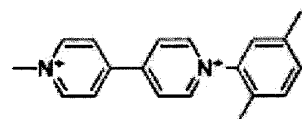
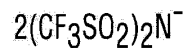
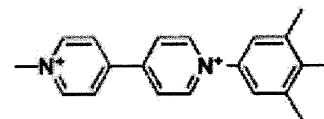
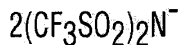
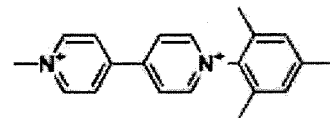
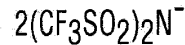
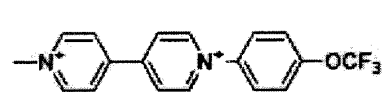
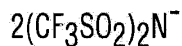
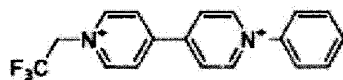
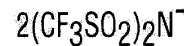
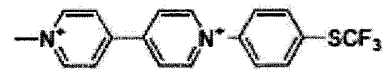
1-methyl-1'-(p-tolyl)-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (26)1-methyl-1'-(m-tolyl)-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (27)1-methyl-1'-(o-tolyl)-4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (28)1-methyl-1'-(3,4-dimethylphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (29)1-methyl-1'-(2,4-dimethylphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (30)1-methyl-1'-(3,5-dimethylphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (31)1-methyl-1'-(2,5-dimethylphenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (32)1-methyl-1'-(3,4,5-trimethylphenyl)-
4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (33)1-methyl-1'-(2,4,6-trimethylphenyl)-
4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (34)1-methyl-1'-(4-trifluoromethoxyphenyl)-
4,4'-bipyridinium
bis(trifluoromethanesulfonylimide) (35)1-phenyl-1'-(2'',2'',2''-trifluoroethyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (36)1-methyl-1'-(4-
trifluoromethylthiophenyl)-4,4'-
bipyridinium
bis(trifluoromethanesulfonylimide) (37)

FIG.12C

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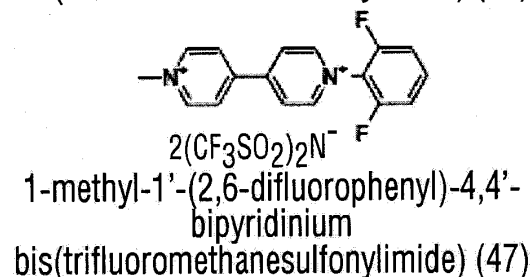
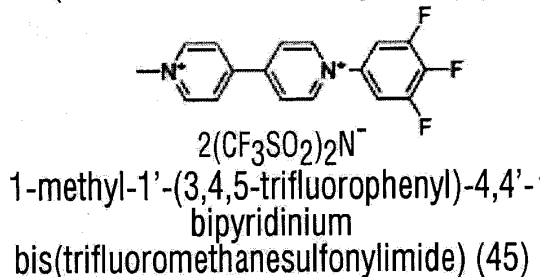
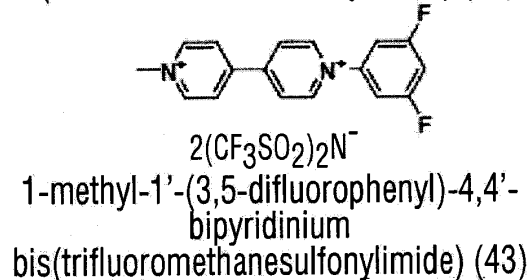
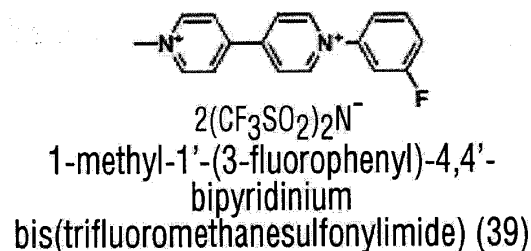
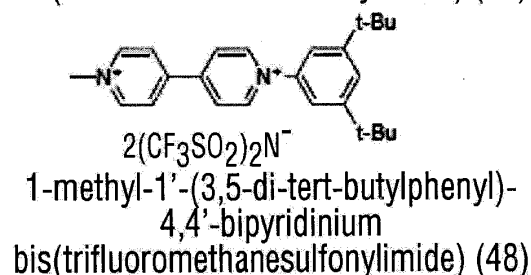
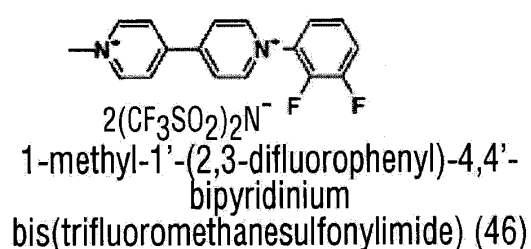
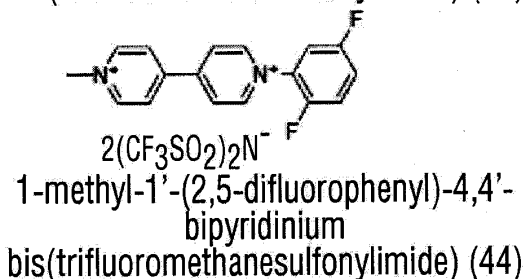
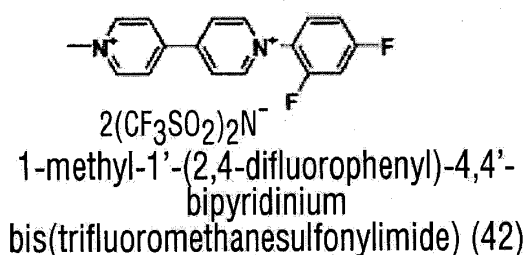
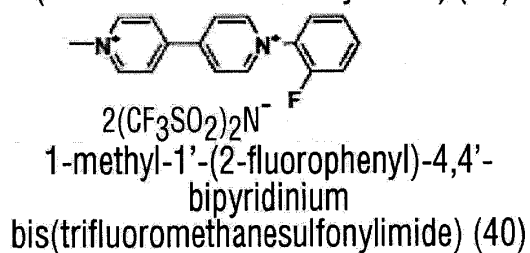
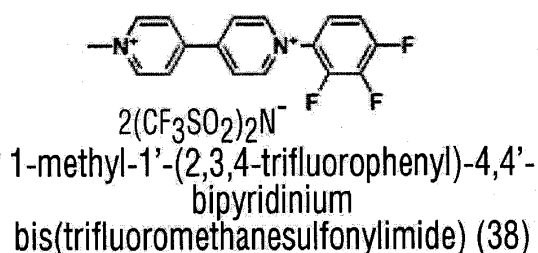


FIG.12D