

Fig. 1

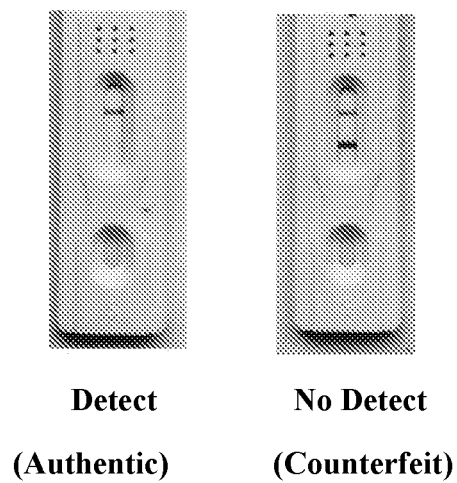
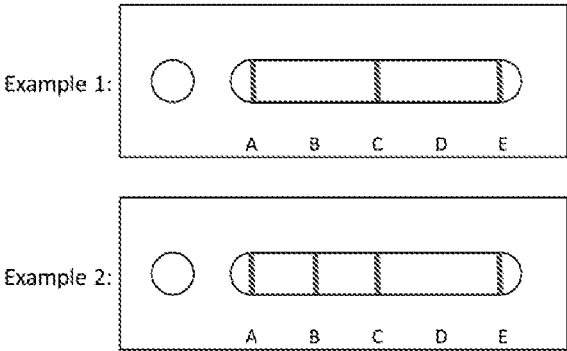


Fig. 2



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Fig. 3

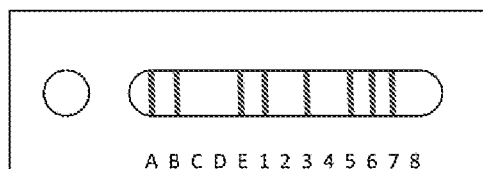
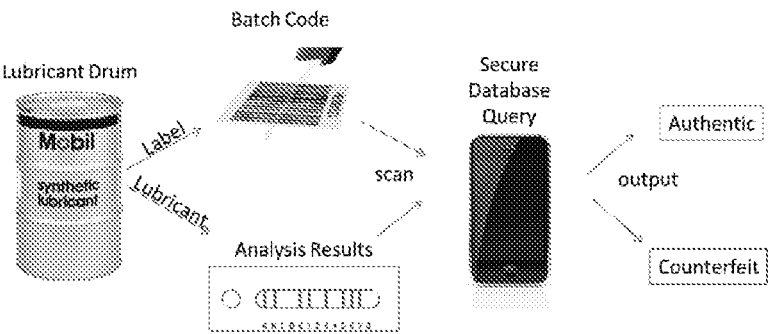


Fig. 4



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Fig. 5

Tag Molecule	Chemical Category	Utility in Lubricant Anticounterfeiting
1,3,5-Triazine-2,4,6-triamine	Nitrogen-Containing Small Molecule	Fail
Peanut Allergen Protein	Protein	Fail
Casein	Protein	Fail
Whey Protein	Protein	Fail
(5S)-1-methyl-5-(3-pyridyl)pyrrolidin-2-one	Nitrogen-Containing Small Molecule - Cyclic Amide	Success