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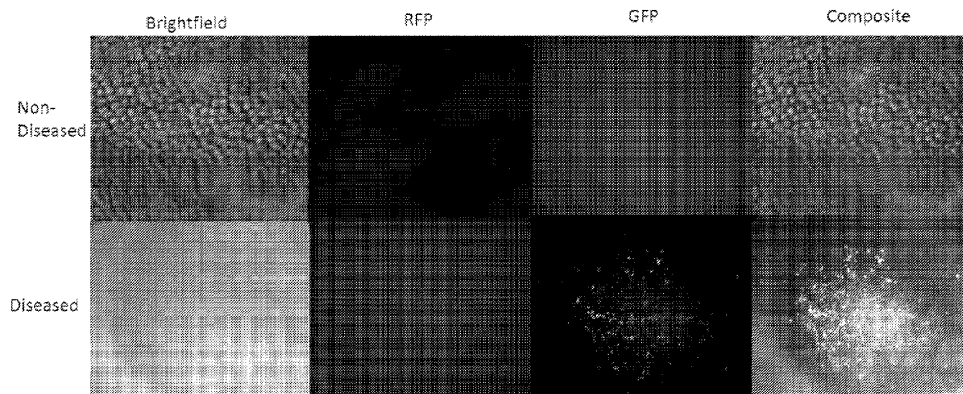
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(54) **Title:** ENGINEERED MICROORGANISMS FOR DIAGNOSTIC IMAGING

FIG. 13B



(57) **Abstract:** The present invention relates to, inter alia, engineered bacteria expressing (i) a surface protein, which specifically interacts cell membrane receptors that are exposed to the luminal side of epithelial cells of diseased gastrointestinal tissue and/or epithelial tissue lining the bile duct, pancreatic duct, or common bile duct, etc., and (ii) a detection marker. The engineered bacteria of the present technology are useful for detecting diseased gastrointestinal tissue and/or epithelial tissue lining the bile duct, pancreatic duct, or common bile duct, etc.

[Continued on next page]

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