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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

- (54) **Title:** COMPOSITIONS AND METHODS FOR VACCINATION AGAINST NEISSERIA GONORRHOEAE

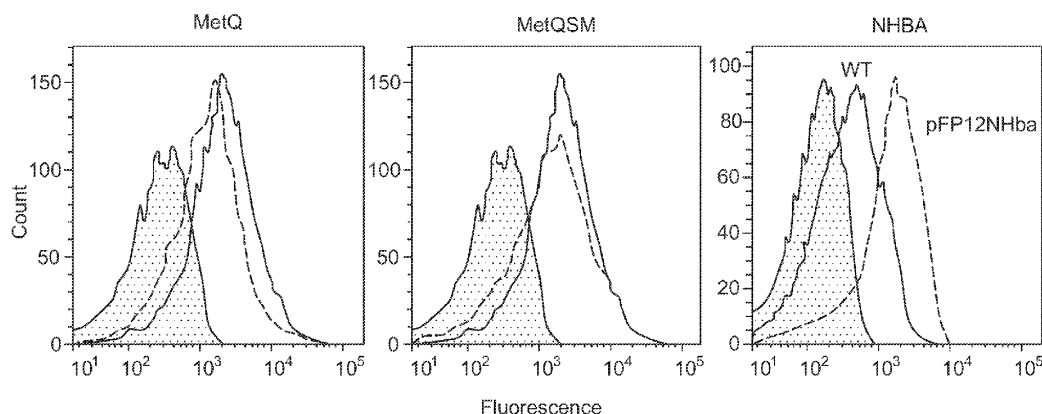


FIG. 1

- (57) **Abstract:** The disclosure provides compositions, and methods of use thereof, for vaccines for treatment of gonococcal and/or meningococcal infection, comprising native outer membrane vesicle (NOMV) derived from bacteria containing a gonococcal protein that is a lipoprotein or is modified to be a lipoprotein. Also provided are meningococcal strains containing a gene encoding a gonococcal protein that is a lipoprotein or is modified to be a lipoprotein.

[Continued on next page]

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