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(71) Applicant *(for all designated States except US)*: **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **SLEEMAN, Mark, W.** [US/US]; 118 Lake Drive, Mahopac, NY 10541 (US). **MARTIN, Joel, H.** [US/US]; 244 Church Road, Putnam Valley, NY 10579 (US). **HUANG, Tammy, T.** [US/US]; 10 Green Hill Road, Goldens Bridge, NY 10526 (US). **MACDONALD, Douglas** [US/US]; 260 West End Avenue, Apt. 10C, New York, NY 10023 (US).

(74) Agent: **GREGG, Valeta**; Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).

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(54) Title: HIGH AFFINITY HUMAN ANTIBODIES TO PCSK9

(57) Abstract: An human antibody or antigen-binding fragment of a human antibody that specifically binds and inhibits human proprotein convertase subtilisin/kexin type 9 (hPCSK9) characterized by the ability to reduce serum LDL cholesterol by 40-80% over a 24, 60 or 90 day period relative to predose levels, with little or no reduction in serum HDL cholesterol and/or with little or no measurable effect on liver function, as determined by ALT and AST measurements.

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