

PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Seattle Biomedical Research Institute | 04/09/2007 |
| RECEIVING PARTY DATA | |
| Name: | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government |
| Street Address: | NIH Division of Extramural Inventions and Technology Resources (DEITR) |
| Internal Address: | 6705 Rockledge Drive, Suite 310, MSC 7980 |
| City: | Bethesda |
| State/Country: | MARYLAND |
| Postal Code: | 20892-7980 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 10583186 |
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Invention Title: Live Genetically Attenuated Malaria Vaccine

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U.S. Filing/Issue Date: 12/20/04

Patent or Application Serial No.: 10/583,186

Grant/Contract Number(s): AI053709

Foreign Applications filed/intended in (countries): SG, OA, KR, JP, IN, ID, EP, CU, CA, BR, AU

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 9th day of April, 20 07.

By Cindy Gustafson (Name of Grantee/Contractor Official) Cindy Gustafson (Signature)

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