

## PATENT ASSIGNMENT COVER SHEET

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Invention Title: VMP Like Sequences of Pathogenic Borrelia

Inventor(s): Jerrilyn K Howell, George M Weinstock, Steven J Norris, Jing-Ren Zhang, Alan G Barbour, John Hardham

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Signed this 5<sup>th</sup> day of December, 2011.

By T. Kevin Dillon (Institutional Business Official) T. Kevin Dillon (Signature)

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