

January 19, 2012

To Whom It May Concern:

Re: Dr. Sai S. Prakash

This is to confirm the employment of Dr. Prakash with Pall Corporation in Cortland, New York in the position of Staff Scientist in the Applied Mechanics group from August 1, 2005 through January 30, 2009. Prior to his transfer to Cortland, Dr. Prakash worked at Pall Corporation's Port Washington, NY facility, starting in 2000.

In Dr. Prakash's position in Cortland he performed a variety of tasks, including:

- Numerical modeling of porous membrane formation. This involved deriving the fundamental governing equations and then writing a Newton-Raphson solver for the coupled set of matrix equations.
- Modeling of particulate capture within non-woven depth media. This task required finding appropriate fluid dynamic equations from the literature and combining them with appropriate capture mechanisms. The use of statistical distributions was an important part of this project.
- Derivation of governing equations for modeling gas separation membrane performance. This work involved creating approximate models of prototype systems for evaluating with a limited existing commercial code.
- Conversion of proprietary filter performance codes from Visual Basic¹ to Matlab².

Very truly yours,

Thomas M. Sorensen, Ph.D.
Chief Engineer
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¹Visual Basic is a Registered Trademark of Microsoft Corporation

²Matlab is a Registered Trademark of The MathWorks Corporation