

SYSTEM FOR AND METHOD OF FAST PULSE GAS DELIVERY

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] Reference is made to U.S. Patent Application No. 12/893,554, entitled SYSTEM FOR AND METHOD OF FAST PULSE GAS DELIVERY, filed September 29, 2010 in the name of Junhua Ding, and assigned to the present assignee (Attorney's Docket No. 086400-0015 (MKS-218)); U.S. Patent Application No. 13/035,534, entitled METHOD AND APPARATUS FOR MULTIPLE-CHANNEL PULSE GAS DELIVERY SYSTEM, filed February 25, 2011 in the name of Junhua Ding and assigned to the present assignee (Attorney's Docket No. 086400-0027 (MKS-219)), and U.S. Patent Application No. 13/193393, entitled Systems and Methods of Controlling Time-Multiplexed Deep Reactive-Ion Etching Processes, filed July 28, 2011 in the name of Vladislav Davidkovich et al. and assigned to the present assignee (Attorney's Docket No. 086400-0059 (MKS-220)), all applications being incorporated herein in their entirety. All of these applications are referred to hereinafter as the "Copending Applications".

[0002] This application claims the benefit of U.S. Patent Application No. 13/344,387, entitled SYSTEM FOR AND METHOD OF FAST PULSE GAS DELIVERY filed January 5, 2012 in the name of Junhua Ding, and assigned to the present assignee (Attorney's Docket No. 086400-0087 (MKS-224)); which is a continuation-in-part of copending U.S. Patent Application No. 13/035,534, entitled METHOD AND APPARATUS FOR MULTIPLE-CHANNEL PULSE GAS DELIVERY SYSTEM, filed February 25, 2011 in the name of Junhua Ding and assigned to the present assignee (Attorney's Docket No. 086400-0027 (MKS-219)); and claims priority from U.S. Provisional Patent Application No. 61/525,452, entitled SYSTEM AND METHOD OF FAST PULSE GAS DELIVERY, filed August 19, 2011 in the names of Junhua Ding, Michael L'Bassi and Tseng-Chung Lee and assigned to the present assignee (Attorney's Docket No. 086400-0078 (MKS-224PR)).

