

3 SEC Use Only

4 Citizenship or Place of Organization

(1) T. Rowe Price Associates, Inc. ("Price Associates")

_____ Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.

X Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940
_____ Investment Company registered under Section 8 of the Investment Company Act of 1940

Note: This Schedule 13G, including all exhibits, must be filed with the Securities and Exchange Commission.