

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE EXTENDING PATENT TERM
UNDER 35 U.S.C. § 156

PATENT NO. : 4,861,584
ISSUED : August 29, 1989
INVENTOR(S) : Thomas W. Powell, Jr. et al.
PATENT OWNER : United Catalysts, Inc.

This is to certify that there has been presented to the

COMMISSIONER OF PATENTS AND TRADEMARKS

an application under 35 U.S.C. § 156 for an extension of the patent term. Since it appears that the requirements of the law have been met, this certificate extends the term of the patent for the period of

1,458 days

from August 29, 2006, the original expiration date of the patent, subject to the provisions of 35 U.S.C. § 41(b), with all rights pertaining thereto as provided by 35 U.S.C. § 156(b).



I have caused the seal of the Patent and Trademark Office to be affixed this 15th day of July 1998.

A handwritten signature in black ink that reads "Bruce A. Lehman".

Bruce A. Lehman
Assistant Secretary of Commerce and
Commissioner of Patents and Trademarks