

UNITED STATES PATENT AND TRADEMARK OFFICE

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

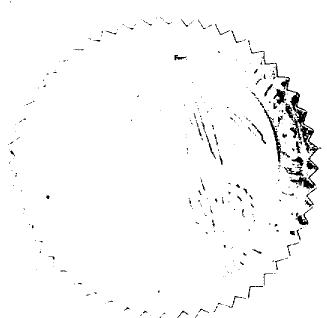
Patent No. : 4,278,689  
Dated : July 14, 1981  
Inventor(s) : Keith C. Murdock et al  
Patent Owner : American Cyanamid Company

This is to certify that there has been presented to the  
COMMISSIONER OF PATENTS AND TRADEMARKS

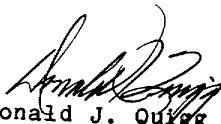
an application under 35 U.S.C. 156 for an extension of  
the patent term. Since it appears that the requirements  
of law have been met, this certificate extends the term  
of the patent for the period of

2 YEARS

with all rights pertaining thereto as provided by 35  
USC 156(b).



I have caused the seal of the Patent  
and Trademark Office to be affixed  
this Twenty-Eighth day of December 1988.

  
Donald J. Quigg

Assistant Secretary and Commissioner  
of Patents and Trademarks