

UNITED STATES PATENT AND TRADEMARK OFFICE

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

Patent No. : 4,194,047  
Dated : March 18, 1980  
Inventor(s) : Burton G. Christensen, et al  
Patent Owner : Merck & Co., 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 require-  
ments 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 Nineteenth day of December 1986.

A handwritten signature in cursive script, reading "Donald J. Quigg".

Donald J. Quigg

Assistant Secretary and Commissioner  
of Patents and Trademarks