UNITED STATES PATENT AND TRADEMARK OFFICE

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

Patent No. : 4,231,938
Dated : November 4, 1980
Inventor(s) : Richard I. Monaghan, Alfred W. Alberts,
            Carl H. Hoffman, George Albers-Schonberg
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 Sixteenth day of August 1988.

Donald J. Quigg

Assistant Secretary and Commissioner
of Patents and Trademarks