

#19

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE EXTENDING PATENT TERM
UNDER 35 U.S.C. 156

Patent No. : 4,220,660
Dated : September 2, 1980
Inventor(s) : NORBERT BROCK
Patent Owner : ASTA PHARMA AG

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

821 DAYS

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 11th day of December 1989.

Jeffrey M. Samuels

Jeffrey M. Samuels
Acting Commissioner of
Patents and Trademarks