

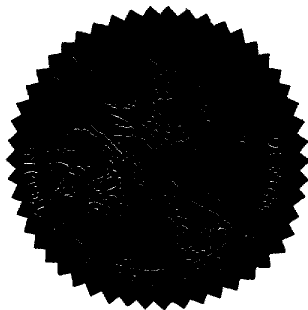
UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE EXTENDING PATENT TERM  
UNDER 35 U.S.C. 156

Patent No. : 4,006,220  
Dated : February 1, 1977  
Inventor(s) : Sheldon K. Gottlieb  
Patent Owner : Sheldon K. Gottlieb

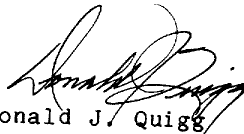
This is to certify that there has been presented to the  
COMMISSIONER OF PATENTS AND TRADEMARKS  
an application under 35 U.S.C. 156 for an extension of  
the patent term. Since it appears that the requirements  
of law have been met, this certificate extends the term  
of the patent for the period 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-Third day of February 1989.



Donald J. Quigg

Assistant Secretary and Commissioner  
of Patents and Trademarks