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Washington, D.C. 20231

LICENSE TO THE UNITED STATES GOVERNMENT

Title:

POTASSIUM ION CHANNEL GENES AND PROTEINS

Inventors:

Barry S. Ganetzky, Steven A. Titus

Serial #:

08/956242

Filing Dt: WARF Ref:

10/22/97 P96269US

WHEREAS, a patent application has been filed on the above identified invention; and

WHEREAS, the invention was made in the course of research supported by the National Science Foundation, Grant Nos: MCB-9408473; MCB-9014779; and

WHEREAS, the United States Government is entitled to certain rights in and to said invention and application by reason of the terms relating to such support; and

WHEREAS, the Wisconsin Alumni Research Foundation, Madison, Wisconsin, hereinafter called the "Licensor" has acquired by assignment from the inventor(s) the entire right, title and interest of the inventor(s) to such invention;

NOW THEREFORE:

- 1. The Licensor, in consideration of the premises and other good and valuable consideration, hereby grants and conveys to the United States Government a nonexclusive, nontransferable paid-up license to make, use, and sell the invention throughout the world by or on behalf of the Government of the United States and states and domestic municipal governments under the aforesaid patent application, and any and all divisions or continuations, and in any and all patents or reissues which may be granted thereon during the full term or terms thereof.
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WARF Ref: P96269US - GANETZKY

Signed this day of December, 1997.

WISCONSIN ALUMNI RESEARCH FOUNDATION

Carl E. Gulbrandsen

Director of Patents & Licensing

CERTIFICATE

I, Leslie A. Rector, certify that I am the Patent Administrator of the Institution named as licensor herein, that Carl E. Gulbrandsen, who signed this license on behalf of the Institution is Director of Patents & Licensing of said Institution; and that said License was duly signed for and in behalf of said Institution by authority of its governing body, and is within the scope of its corporate powers.

Patent Administrator

Accepted for the benefit of the Government this

1 day of March , 1997.

RECORDED: 11/01/2002

PATENT REEL: 13443 FRAME: 0737