

UNITED STATES PATENT

Granted on December 29, 1998 to

**Michael S. Denison, Abraham Brouwer
& George C. Clark**

- INVENTORS -

Xenobiotic Detection Systems, Inc.

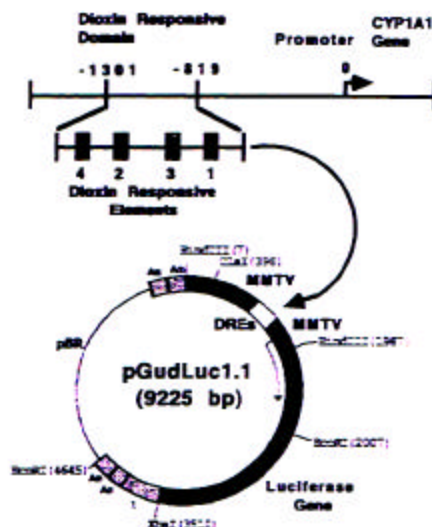
- ASSIGNEE -

Patent No. 5,854,010

**BIOASSAY FOR DETECTING 2,3,7,8-
TETRACHLORODIBENZO-PARA-DIOXIN
AND TCDD-LIKE COMPOUNDS AND NOVEL
RECOMBINANT CELL LINE USEFUL THEREFOR**

The
United
States
of
America

1. A recombinant cell line deposited at the American Type Culture Collection under ATCC accession number CRL-12286 and known as the mouse HIL1.1c2 cell line, which will respond to selected polyaromatic hydrocarbon compounds with expression of luciferase activity.



The Commissioner of Patents And Trademarks has received an application for a patent for a new and useful invention. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law. Therefore, this

United States Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using, selling or importing the invention throughout the United States of America for the term of seventeen years, or twenty years if filed on or before June 8, 1995, from the filing date of this patent, subject to the payment of maintenance fees as provided by law.

Bruce Lehman
Commissioner of Patents and Trademarks

