

Washington, D.C. 20231

ASSIGNMENT
(Joint Inventors)

I, one of the persons identified below as an "Inventor," have made solely or jointly with others a certain new and useful invention (the "Invention"), as set forth in an application for United States Letters Patent, bearing substantially the following title and bearing the following serial number. The application was executed by me, and it was filed on the indicated date:

Title: INSECTICIDAL PROTEIN TOXINS FROM XENORHABDUS

Serial Number: 09/072,264

Date Filed: 05/04/98

The assignee under this agreement is hereby authorized to insert the filing date and serial number referred to above, when ascertained.

For good and valuable consideration, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation (hereinafter "WARF") a non-stock, non-profit Wisconsin corporation, and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. WARF shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon WARF's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that WARF may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to WARF any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to WARF and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to WARF, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

REF: P96277US
WISC. ALUMNI RESEARCH FOUND.

Inventor: Jerald C. Ensign Date: 5/18/88

Jerald C. Ensign
1810 Camelot Drive
Madison, WI 53705

On this 18th day of May, 1998, before me personally appeared Jerald C. Ensign, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

Notary Public

PATENT
REEL: 9413 FRAME: 0639

Inventor: Jennifer Tenor Date: 10/5/98

Jennifer L. Tenor
2103 Keyes Avenue
Madison, WI 53711

On this 15th day of May, 1998, before me personally appeared Jennifer L. Tenor, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

Marnie A. Mc
Notary Public

My Commission expires: March 26, 2000

ASSIGNMENT
WISC. ALUMNI RESEARCH FOUND.
REF: P96277US
Application No: 09/072,264 Filing Date: 05/04/98

Inventor: Todd Ciche Date: May 12th, 1998

Todd A. Ciche
1609 Chadbourne Avenue
Madison, WI 53705

State of Wisconsin)
) ss.
County of Dane)

On this 15th day of May, 1998, before me
personally appeared Todd A. Ciche, known to me to be the
person identified above as the "Inventor," who executed the above
instrument and acknowledged to me that he or she executed the same for
the uses and purposes therein set forth.

SEAL

Merrill H.
Notary Public

My Commission expires: March 26, 2000

Inventor: David J. Bowen Date: May 15, 1998

David J. Bowen
5668 Highway A
Oregon, WI 53575

On this 15th day of May, 1998, before me personally appeared David J. Bowen, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

Maria A. Mora
Notary Public

My Commission expires: March 26, ~~19~~2000

ASSIGNMENT
WISC. ALUMNI RESEARCH FOUND.
REF: P96277US
09/072,264 Filing Date: 05/04/98

Inventor: Richard H. French-Constant

Date: 15 May '98

Richard H. French-Constant
1006 University Bay Drive
Madison, WI 53705

State of Wisconsin)
) ss.
County of Dane)

On this 15th day of May, 1998, before me
personally appeared Richard H. French-Constant, known to me to be
the person identified above as the "Inventor," who executed the
above instrument and acknowledged to me that he or she executed the
same for the uses and purposes therein set forth.

SEAL

Theresa M. [Signature]
Notary Public

My Commission expires: March 28, 2000