Based on Form PTO-1595 1-31-92	09-07-20)01	U. S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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	1018356	519	
To The Honorable Commissioner of Patents and Trademarks: Pl	lease record the attached orig	nal documents or copy thereof.	
1. Name of conveying party(ies): Kurt L. VanVoorhies		Name and address of receiv	ing party(ies):
		Name: <u>VorteKx, Inc.</u>	
Additional name(s) of conveying party(ies) attached?	Yes 🛛 No	Internal Address:	
3. Nature of conveyance:		Street Address: <u>20031</u>	I E. M-134
🛛 Assignment 🗌 Mer	rger	P.O. Box 68	
Security Agreement	ange of Name	city: <u>DeTour Village</u> St	ate: <u>Michigan</u> ZIP: <u>49725</u>
Other			
Execution Date: <u>30 August 2001</u>		Additional name(s) & addres	s(es) attached? 🔲 Yes 🗵 No
 Application number(s) or patent number(s): 			
If this document is being filed together with a new ap	pplication, the execution d	ate of the application is:	
A. Patent Application No. 09/285,987		B. Patent No.(s)	
Addi	itional numbers attached?	🗌 Yes 🖾 No	
 Name and address of party to whom correspondence document should be mailed: 	e concerning	·	4
Name: Kurt L. VanVoorhies	6.	Total number of applications a	and patents involved: 1
Internal Address	7.	Total fee (37 CFR 3.41)	\$_40.00
Street Address: P.O. Box 68		Enclosed Check No2	33_in the amount of \$40.00
		Authorized to be charge	d to depend account
city: <u>DeTour Village</u> state: <u>MI</u> zIP: <u>49</u>			a to deposit account
	8.	Deposit account number:	
		(Attach duplicate copy of th	is page if paying by deposit account)
9/06/2001 TDIAZ1 00000082 09285987 1 FC:581 40.00 D	DO NOT USE TI	HIS SPACE	
9. Statement and signature:			
To the best of my knowledge and belief, the fo	oregoing information	is true and correct and a	ny attached copy is a true copy of
the original document.	M/1.11	li a	
Kurt L. VanVoorhies	Signature	<u>30 Augus</u> Date	st 2001
	-	pages including cover sheet, a	ttachments, and documents
OMB No. 0651-0011 (exp. 4/94)			PATENT

REEL: 012131 FRAME: 0720

For: U.S. and Foreign Rights By: Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Kurt L. VanVoorhies of P.O. Box 308, DeTour Village, Michigan, 49725

hereby sells, assigns and transfers to

ASSIGNEE: VorteKx, Inc., a Michigan corporation, having a place of business at 20031 E. M-134, P.O. Box 68, DeTour Village, Michigan, 49725

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in any and all improvements which are disclosed in the invention entitled:

CONTRAWOUND HELICAL ANTENNA

invented by Kurt L. VanVoorhies and which is found in <u>U.S. Application Serial No. 09/285,987</u> filed on <u>April 5, 1999</u> and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letter patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patents and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this <u>30th</u> day of <u>August</u>, 2001

: 88

Date: 30 AUGUST 2001

Kuth Ukun Voorhis

Kurt L. VanVoorhies

NOTARIZATION

STATE OF ___: Michigan

COUNTY OF _: Chippewa

On this <u>30th</u> day of <u>August, 2001</u>, before me personally appeared **Kurt L. VanVoorhies**, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Mary C. Behr

(scal)

Chippewa County, Michigan

My commission expires <u>//- &-2003</u>

MARY C. BEHM CHIPPEWA COUNTY NOVEMBER 8, 2003

> PATENT REEL: 012131 FRAME: 0721

RECORDED: 08/30/2001