01-22-2002

CUSTOMIZED	RE			II S DEDARTME	NT OF COMMERCE
Form PTO-1595	112	1019541	66		Trademark Office
		Patents and Trademarks: nal documents(s) or copy			ocket No.: P0
 Name of conveying 	g party(ies)				
Ralph A. Ferr			114.0	y	7 U.S. PTO
2. Name and addres	s of receiving pa	rty(ies):			0,2
Name: Street Address: City + Address:	WALKER R 2220 West S Erie, PA 16				1017 U
-	·				τ,
3. Nature of conveya	ince:				
X Assignme	ent	Merger		Security Agreement	
Change	of Name	Other:			
X Execution Date:	1/4/02				
4. Application number	er(s) or patent nu	ımber(s)			
X This docume	nt is filed togethe	er with a new application	whose execution	date is: <u>1/4/02</u>	
A. Pa	tent Application	No.(s)		B. Patent No.(s)	
	10/043			,	
5. Name and address	s of party to who	m correspondence conc	erning document s	hould be mailed:	
Name: Douglas LARSON & TA		• 1199 North Fairfax	c St. • Suite 900	Tel.: • Alexandria, VA 2	703-739-4900 22314-1437
6. Total number of ap	oplications and p	atents involved:			#1
7. Total fee (37 CFR	3.41)				
X Enclosed		•			\$40.00
(8. Any insufficiency	in fee is authoriz	ed to be charged to Dep	osit Account No. 1	2-0555.)	
		DO NOT USE 1	THIS SPACE		
9. Statement and sig To the best of my copy of the origin	knowledge and	belief, the foregoing info		d correct and any attach	ned copy is a true
Douglas E.	Jackson	Douglas S.	Kehun	Jan. 1	4, 2002

Total number of pages including cover sheet, attachments and documents:

01/16/2002 RHARIS1 00000026 10043139 02 FC:581 40.00 DF

Name of person signing

PATENT REEL: 012470 FRAME: 0369

Date

ASSIGNMENT OF U.S.A. PATENT APPLICATION (U.S.A. rights only: all U.S.A rights assigned by inventors to a single assignee)

WHEREAS,

(Inve	entors:)
(1)	RALPH ANDREW FERRIS
(2)	
(3)	
(4)	
(5)	
	residing respectively at
(Add	dresses:)
(1)	10548 RIDGE RD., GIRARD, PENNSYLVANIA, 16417, USA
(2)	
(3)	
(4)	
(5)	
	which ASSIGNOR has [X] executed on even date herewith [] executed on
an	application for Letters Patent of the United States of America, Serial No."
	And WHEREAS, WALKER RESEARCH LLC
and	ompany organized under the laws of USA d having a principal place of business at: 2220 WEST 50TH STREET, ERIE, PENNSYLVANIA, 16506, USA
int Pa	ereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and erest in and to said application and the invention disclosed therein, and in and to all Letters tent of the United States which may issue thereon, including any and all divisions,
• 1	intinuations, reexaminations, reissues, renewals and/or extensions of such Letters Patent. Include "series number" (e.g., 07/111,111). If series number is not known, include filing date (e.g. Serial No. 111,111 filed number).

PATENT REEL: 012470 FRAME: 0370 NOW THEREFORE in consideration of the sum of one U.S. dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto the ASSIGNEE the entire right, title and interest in and to said application and the inventions and improvements therein disclosed, for the United States, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reexaminations, reissues, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, reexaminations, reissues, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will, upon request, without expense to ASSIGNOR, testify in any logal proceedings, sign all lawful papers, execute all divisional, continuation, reexamination, reissue, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

I hereby authorize and request any attorncy of record in said Application or any attorney of Larson and Taylor, 727 23rd Street South, Arlington, Virginia, 22202, to insert above any information concerning the identity of the parties or of said Application including the Serial No. and filing date of said Application.

	Signature: La
	Name: RALPH ANDREW FERRIS
1. 11	
Witness: Euch Borug	Date: /- 4-02
Eric B Boring	Date: /-4-02 Date: /- 1/-02 Signature:
J	Name:
	Date :
Witness:	Date:
	Signature:
	Name:
	Date :
Witness:	Date:

RECORDED: 01/14/2002

PATENT REEL: 012470 FRAME: 0371