FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

MRD 3.16.01

04-02-2001



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PATENT

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	Edward M. Willhide			03/14/01
Name (line 2) [Second Party Name (line 1) [Nathaniel H. Cooper			Execution Date Month Day Year 03/14/01
Name (line 2)				
Receiving Part	y Mark if a	additional names of receivin	g parties attached	
Name (line 1)	Edge Technologies, Inc.			If document to be recorded is an assignment and the
Name (line 2)	A Corporation of the State of Virginia receiving party is not domiciled in the United States, an			
Address (line 1)	3701 Pender Drive, Suite 150 appointment of a domestic representative is attached. (Designation must be a			
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PATENT REEL: 011629 FRAME: 0672

FORM PTO-1619B
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U.S. Department of Commerce Patent and Trademark Office

OIVID 0031-002			PATENT
Corresponden	nt Name and Address	Area Code and Telephone Numb	per (214) 969-4669
Name	Christopher J. Rourk		
Address (line 1)	Akin Gump Strauss & Feld, L.	L.P.	
Address (line 2)	P. O. Box 688		
Address (line 3)	Dallas, Texas 75313-0688		
Address (line 4)			
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Enter either th	umber(s) or Patent Nur ne Patent Application Number of ent Application Number(s)	r the Patent Number (DO NOT ENTER BOT	if additional numbers attached if numbers for the same property). atent Number(s)
If this document is be signed by the first na	eing filed together with a <u>new</u> Pa med executing inventor.	tent Application, enter the date the patent ap	oplication was Month Day Year 03/14/01
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Fee Amount			
	Fee Amount for Properties	s Listed (37 CFR 3.41):	\$ 40.00
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	Deposit Account (Enter for payment by deposit ac	count or if additional fees can be charged to	the account.)
		Deposit Account Number:	# 01-0657
		Authorization to charge additional	fees: Yes 🔀 No 🗌
Statement and	Signature		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
	opher J. Rourk Signing Reg. No. 38,348	Signature	March 19, 2001 Date
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PATENT REEL: 011629 FRAME: 0673 FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

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Conveying Pa	rty(ies)	Mark if addition	nal names of conveying	g parties attached	98
Enter additional	Conveying Parties				Execution Date Month Day Year
Name (line 1)	Steven S. Hodecker				03/14/01
Name (line 2)					
realite (iiile 2)					Execution Date
Name (line 1)	Hugh B. Warren				Month Day Year 03/16/01
Name (line 2)					F
					Execution Date Month Day Year
Name (line 1)					
Name (line 2)					
Receiving Par	• • •		nal names of receiving	parties attached	
	Receiving Party(ies)				
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an
Address (line 1)					appointment of a domestic representative is attached. (Designation must be a
Address (line 2)					separate document from Assignment.)
Address (line 3)				7:- 0-1-	
	City		State/Country	Zip Code	
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an
Address (line 1)					appointment of a domestic representative is attached. (Designation must be a
Address (line 2)					separate document from Assignment.)
Address (line 3)					
	City		State/Country	Zip Code	
Application N	umber(s) or Pate	nt Number(s)	[al numbers attached
			Number (DONO) EN	Patent Nun	for the same property).
Pa	tent Application Nur	nber(s)	-		1501(0)

ASSIGNMENT

WHEREAS, WE, Edward M. Willhide, Nathaniel H. Cooper, Steven S. Hodecker and Hugh B. Warren, citizens of the United States and residing at the addresses as stated below, respectively, have jointly made an invention entitled "ENTERPRISE PORTAL SYSTEM AND METHOD" for which we have executed an application for United States Letters Patent on 3/14/01 , 2001 to be filed herewith.

WHEREAS, we represent and warrant that we are the joint owners of said invention and application for Letters Patent;

WHEREAS, Edge Technologies, Inc. (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of the State of Texas, U.S.A. having a place of business at 3701 Pender Drive, Suite 150, Fairfax, Virginia 22030, is desirous of acquiring the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and worldwide rights therein; (b) said application, including all divisions, continuations and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file corresponding applications for Letters Patent on said invention in any and all foreign countries, and to claim priority under any and all treaties and conventions to which the United States of America is signatory including the Paris Convention for the Protection of Industrial Property for such corresponding applications, or any division, continuation or substitution thereof, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment not been made.

We jointly and severally covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We jointly and severally represent and covenant that no assignment, mortgage, sale, license, pledge, encumbrance or alienation of said invention or patent application has been or will be made or entered into which would conflict with this assignment and sale.

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We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent based on said application and each division, continuation, substitution, reissue, renewal and extension thereof to said ASSIGNEE, its successors and assigns.

Each of the undersigned further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, we have duly executed this assignment on the date as indicated next to our names.

Date: 3/14/01	EWelhil,
	First Joint Inventor: Edward M. Willhide
	Residence Address:
	7425 Marc Drive
	Falls Church, Fairfax County, Virginia 22042
	Citizen of United States of America
State of Virginia)
State of Virginia County of FASILAX) ss.

Before me, the undersigned Notary Public, on this day personally appeared Edward M. Willhide, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 14th day of Mach , 2001.

Notary Public

My Commission Expires: FEB 1, 2003

Date: 3/19/01	Second Joint Inventor: Nathaniel H. Cooper Residence Address: 7546 Kemper House Court Manassas, Prince William County, Virginia 20111 Citizen of United States
State of Virginia County of WASUAL)) ss.
Cooper, known to me to be the pers	Notary Public, on this day personally appeared Nathaniel H. on whose name is subscribed to the foregoing instrument and he same for the purposes and consideration therein expressed.
Given under my hand and seal	of office this
Date: 3-14-2001	Notary Public My Commission Expires: 43 \ 1203 Munifold Munifold My Commission Expires: 43 \ 1205
	Third Joint Inventor: Steven S. Hodecker Residence Address: 4008 Rosemeade Drive Fairfax, Fairfax County, Virginia 22033 Citizen of United States
State of Virginia County of ARCFAX)) ss.
known to me to be the person whose n	otary Public, on this day personally appeared Steven S. Hodecker, ame is subscribed to the foregoing instrument and acknowledged purposes and consideration therein expressed.
Given under my hand and seal	of office this 14th day of MARCH , 2001.
	Notary Public My Commission Expires: 461,2003
	3

Date: 3/16/0(1trigl Warm
	Fourth Joint Inventor: Hugh B. Warren
	Residence Address:
	4008 Rosemeade Drive
	Fairfax, Fairfax County, Virginia 22033
	Citizen of United States
State of Virginia)	
County of <u>Fair lex</u>) ss.	
Warren, known to me to be the person who	ry Public, on this day personally appeared Hugh B. ose name is subscribed to the foregoing instrument and the same for the purposes and consideration therein
Given under my hand and seal of off	fice this 16 day of MRUH, 2001.
Notar	

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RECORDED: 03/16/2001

PATENT REEL: 011629 FRAME: 0678