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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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To the Honorable Commissioner for Patents and Trademarks: I	Please record the attached original document or copy thereof.							
Name(s) of conveying party(ies):	Name and address of receiving party:							
1) CHARLES R. BRAGG 2) 3) 4)	Name: <u>VULCAN PORTALS, INC.</u> Internal Address:							
5) 6) Additional names of conveying parties attached?Yes _XNo								
3. Nature of conveyance:	Street Address: <u>505 FIFTH AVENUE S.</u>							
X Assignment Merger	SUITE 900							
Security Agreement Change of Name								
Other	City: <u>SEATTLE</u> State <u>WA</u>							
Execution Dates:	Zip: <u>98104</u>							
1) AUGUST 21, 2006 4) 5) 5) 6) 6)	Additional names & addresses attached?Yes _XNo							
3)6)								
4. Application number(s) or patent number(s): Th	is document is being filed together with a new application.							
A. Patent Application No(s). 11/447,597 FILED JUNE 5, 2006	B. Patent No(s).							
Additional numbers attache								
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involvedOne (1)							
Name: DORSEY & WHITNEY LLP								
Internal Address: <u>EDWARD W. BULCHIS</u>	7. Total Fee (37 CFR 3.41): <u>\$40</u>							
SUITE 3400	X Enclosed							
Street Address: 1420 FIFTH AVENUE	Authorized to be charged to deposit account							
City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98101</u>	8. Deposit account number:							
	50-1266							
DO NOT USE	THIS SPACE							
Statement and signature.	8							
EDWARD W. BULCHIS	Dalino aug. 23, 200 %							
Name of Person Signing Signatu	Date Date							
Total number of pages including cover sheet,	attachments, and document:3							
	heet) should be faxed to (703) 306-5995, or mailed to: or of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450							

**PATENT** 

**REEL: 018226 FRAME: 0687** 

## **ASSIGNMENT**

WHEREAS, I, Charles Bragg (hereinafter referred to as ASSIGNOR), having a post office address of 22411 15<sup>th</sup> Place West, Bothell, Washington 98021, am the sole inventor of an invention entitled "EXTERNAL MODULE ELECTRICAL AND MECHANICAL ATTACHMENT MECHANISM AND METHOD," as described and claimed in the specification for which an application for United States letters patent was filed on June 5, 2006, and assigned Application No. 11/447,597; and

WHEREAS, Vulcan Portals, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at 505 Fifth Avenue South, Suite 900, Seattle, Washington 98104, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner for Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

> PATENT REEL: 018226 FRAME: 0688

8-21-2006		Charles R Bragg
Date		Charles Bragg
State of Washington	)	<b>an</b>
County of King	)	SS.

I certify that I know or have satisfactory evidence that Charles Bragg is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his her free and voluntary act for the uses and purposes mentioned in the instrument.

GILLIANNE MICHELLE BEYER
STATE OF WASHINGTON
NOTARY PUBLIC
MY COMMISSION EXPIRES 06-30-09

Dated	AUGUST 21 2006
Signature of Notary Public _	Gilliann Midule Brys
Printed Name	GILLIANNE MICHELLE BEYER
My appointmen	t expires JUNT 30, 2009

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Effective on 12/08/04	Complete if Known							
	Application No.			11/447,597				
EEE TOANSMI	Filing Date			June 5, 2006				
FEE TRANSMI	First Inve	entor		Charles R. Bragg				
(FY 20	006)	Group A	rt Unit		2629			
		Examine	r Name		Not yet assi	gned		
Applicant claims small entity st	Atty. Docket Number 474827-16/US01P							
METHOD OF PAYM	FEE CALCULATION (Continued)							
X The Director is hereby authorize	ed to charge any additional fee				3. ADDITION	IAL FEES		
required under 37 C.F.R. §§ 1.16 a credit any over payments to Depos Deposit Account Name: <b>DORSEY</b>	nd 1.17 and 1.136(a)(3) and it Account No. <b>50-1266</b> ;	Large Entity Fee	Small Entity Fee	Fee C	Description		Fee paid	
X Check Enclosed.		50	25	cover	sheet	ovisional filing fee or	\$	
Extra Clai	m Fees	130	65	Surch fee or	narge – Late r r oath	\$		
Current Claims Prior Ext		180	180		nission of IDS		\$	
Total	x \$50 = \$ x \$200 = \$ x \$ = \$	40	40			tent assignment per mber of properties)	\$40	
	otal (Extra Claims) \$ 0	120	60	Exter	sion for reply	within first month	\$	
		450	225	Exter	sion for reply	within second month	\$	
Petition Fee Under 37 (		1,020	510	Exter	sion for reply	\$		
Enclosed is a Petition filed under 37 C  Petition Fee under 37 CFR 1.17(f)		1,590	795	Exter	sion for reply	within fourth month	\$	
§ 1.53(e) to accord a filing date.	ree \$400	2,160	1,080	Exter	sion for reply	within fifth month	\$	
§ 1.57(a) to accord a filing date. § 1.182 for decision on a question	not provided for.	790	395	Subm	nission After F	inal 1.129	\$	
§ 1.183 to suspend the rules.	sion on petition refusing delayed	500	250	Notic	e of Appeal		\$	
payment of maintenance fe		500	250	Filing	a brief in sup	port of an appeal	\$	
of patent term.	rapplication under \$1.740 to extension	1,000	500	Requ	est for oral he	earing	\$	
Petition Fee under 37 CFR 1.17(g  § 1.12 for access to an assignm	•	130	65	Term	inal Disclaime	er Fee	\$	
§ 1.14 for access to an applicat	ion.	800	400	-	n Issue Fee		\$	
§ 1.59 for expungement of info		790	395	Requ (RCE		ued Examination	\$	
	application.  or ext. of time when §1.136(a) not avail.  Jish a statutory invention registration.	130		Requ		ary publication or	\$	
§ 1.296 to withdraw a req. for pub.	after notice of intent to publish issued. sing to accept a maintenance fee filed	500	250	Petiti	on to Revive	– unavoidable	\$	
prior to expiration of a pate		1,500	750	Petiti	on to Revive	- unintentional	\$	
§ 1.956 for request for ext. of time	e in ex parte reexam. proceedings.	200		_	•	m adjustment	\$	
§ 5.12 for expedited handling of for § 5.15 for changing the scope of		400		Requ reduc		atement of term	\$	
§ 1.5.25 for retroactive license.  Petition Fee under 37 CFR 1.17(h	) Fee \$130	1,120			nsion of term	of patent	\$	
§ 1.19(g) to request documents in § 1.84 for accepting color draw § 1.91 for entry of a model or e		OTHER (specify)					\$	
§ 1.102(d) to make an application special. § 1.138(c) to expressly abandon an application to avoid publication.					Subtotal (Additional Fees) \$40			
§ 1.313 to withdraw an applicati § 1.314 to defer issuance of a p	on from issue.			ı	Total Amo	unt of Payment:	\$40	
Submitted by:	1							
CUSTOMER NUMBER	DORSEY & WHITNEY LLP		0 Fifth Ave					
27,076					e / (206) 903-	8820 fax		
Name: Edward W. Bulchis						Reg. No.: 26,847		
Signature:	W 51/1					Date:	2006	

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PATENT REEL: 018226 FRAME: 0690

Effective on 12/08/04	Complete if Known						
•	Application No.			11/447,597			
	Filing Da	ate		June 5, 2006			
FEE TRANSMITTAL SHEET	First Inv	entor		Charles R. Bragg			
(FY 2006)	Group A	rt Unit		2629			
	Examine	er Name		Not yet assigned			
Applicant claims small entity status (see 37 C.F.R. 1.27)	Atty. Doo	Atty. Docket Number 474827-16/US01P					
METHOD OF PAYMENT (Check One)		F	EE C	ALCULATION (Continued)			
X The Director is hereby authorized to charge any additional fee			-	3. ADDITIONAL FEES			
required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP.	Large Entity Fee	Small Entity Fee	Fee C	ee Description Fee pa			
X Check Enclosed.	50	25		narge - late provisional filing fee or sheet	\$		
Extra Claim Fees	130	65		narge – Late nonprovisional filing	\$		
Current Claims Prior Extra Fee Fee Paid	180	180		nission of IDS	\$		
Total     -     20     =     x     \$50     =     \$       Ind.     -     3     =     x     \$200     =     \$       Multiple Dependent Claims     x     \$     =     \$	40	40		rding each patent assignment per erty (times number of properties)	\$40		
Multiple Dependent Claims	120	60	Exten	sion for reply within first month	\$		
	450	225	Exten	sion for reply within second month	\$		
Petition Fee Under 37 CFR 1.17(f), (g), & (h)  Enclosed is a Petition filed under 37 CFR as indicated below:	1,020	510		sion for reply within third month	\$		
Petition Fee under 37 CFR 1.17(f)  Fee \$400	1,590	795		sion for reply within fourth month	\$		
§ 1.53(e) to accord a filing date. § 1.57(a) to accord a filing date.	2,160	1,080		sion for reply within fifth month			
§ 1.182 for decision on a question not provided for. § 1.183 to suspend the rules.	790 500	395 250		nission After Final 1.129	\$		
§ 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.	500	250		e of Appeal a brief in support of an appeal	<b>\$</b>		
§ 1.174(b) to accord a filing date to an application under §1.740 for extension of patent term.	1,000	500	•	est for oral hearing	<u>Ψ</u>		
Petition Fee under 37 CFR 1.17(g) Fee \$200	130	65	•	inal Disclaimer Fee	\$		
§ 1.12 for access to an assignment record. § 1.14 for access to an application.	800	400	Desig	ın Issue Fee	\$		
§ 1.47 for filing by other than all inventors or person not the inventor. § 1.59 for expungement of information.	790	395	Requi	est for Continued Examination	\$		
§ 1.103(a) to suspend action in an application. § 1.136(b) for review of a request for ext. of time when §1.136(a) not avail.	130		Requ	est for voluntary publication or lication	\$		
§ 1.295 for review of refusal to publish a statutory invention registration. § 1.296 to withdraw a req. for pub. after notice of intent to publish issued.	500	250	•	on to Revive – unavoidable	\$		
§ 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.  § 1.550(c) for request for ext. of time in ex parte reexam. proceedings.	1,500	750	Petitio	on to Revive – unintentional	\$		
§ 1.956 for request for ext. of time in ex parte reexam. proceedings.	200		-	for patent term adjustment	\$		
§ 5.12 for expedited handling of foreign filing license. § 5.15 for changing the scope of a license. § 1.5.25 for retroactive license.	400		Reque reduc	est for reinstatement of term ed	\$		
§ 1.5.25 for retroactive license.  Petition Fee under 37 CFR 1.17(h)  Fee \$130	1,120		Exten	sion of term of patent	\$		
§ 1.19(g) to request documents in a form other than provided in this part. § 1.84 for accepting color drawings or photographs.	OTHER (specify				\$		
§ 1.91 for entry of a model or exhibit. § 1.102(d) to make an application special. § 1.138(c) to expressly abandon an application to avoid publication.		,		Subtotal (Additional Fees)	\$40		
§ 1.313 to withdraw an application from issue. § 1.314 to defer issuance of a patent.			•	Total Amount of Payment:	\$40		
Submitted by:							
CUSTOMER NUMBER DORSEY & WHITNEY LLP		0 Fifth Ave					
27,076				e / (206) 903-8820 fax			
Name: Edward W. Bulchis				Reg. No.: 26,847			
Signature: Church Sull	w			Date: 04.23,	2006		

**RECORDED: 08/29/2006** 

PATENT REEL: 018226 FRAME: 0691