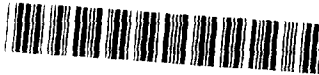


FORM PTO-1595
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07-12-2002

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U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08435.0001
Attorney Customer No. 22,852

To the Honorable Commissioner of Patents
Please record the attached original documents or copy thereof.

102152953

TN. BOX ASSIGNMENTS

1. Name of conveying party(ies): R. William BECKWITH		2. Name and address of receiving party(ies): Name: OBJECTIVE INTERFACE SYSTEMS, INC.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance: 7.08.02		Street Address: 13873 Park Center Road, Suite 360	
<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger		City: Herndon	
<input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name		State: Virginia	Zip Code: 20171
<input type="checkbox"/> Other:			
Execution Date: July 2, 2002		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: April 9, 2002			
A. Patent Application Number(s): 10/118,157		B. Patent Number(s):	
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jeffrey A. Berkowitz, Esq.		6. Total number of applications and registrations involved: 1 (one)	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		7. Total fee (37 CFR 3.41): \$40	
Street Address: 1300 I Street, N.W.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account)	
City: Washington, D.C.		<input type="checkbox"/> Authorized to be charged to deposit account	
State: Zip: 20005-3315	8. Deposit Account No.: 06-0916		

9. 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.

Demetra R. Smith-Stewart
Reg. No. 47,354
for Jeffrey A. Berkowitz
Reg. No. 36,743

Demetra R. Smith-Stewart
Signature

July 8, 2002

Date

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

2

07/11/2002 TB1021 00000041 10118157

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40.00 UP

PATENT
REEL: 013064 FRAME: 0968

ASSIGNMENT

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], have made an invention entitled:

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR USING A REPLACEABLE COMPONENT TO SELECT A REPLACEABLE QUALITY OF SERVICE CAPABLE NETWORK COMMUNICATION CHANNEL COMPONENT

for which I executed an application for United States Letters Patent; and

WHEREAS, **Objective Interface Systems, Inc.**, a corporation of Delaware, whose post office address is 13873 Park Center Road, Suite 360, Herndon, VA 20171 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, provisional application Serial No. 60/282,163, filed April 9, 2001, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

County of Fairfax)
)
State of Virginia)

ss.

R. William BECKWITH

816 Sherlin Lane, Great Falls, Virginia 22066

By: R. William Beckwith

Date: 7/2/02

Subscribed and sworn to before me this 2 day of July, 2002
Bobbi DeVault-Talkington, Notary Public

My Commission Expires: March 31, 2004