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

1. Name of conveying party(ies):
Sheldon Engelhorn and Susan M. Engelhorn Revocable Trust DTD 11-3-95
Additional name(s) of conveying party(ies) attached? Yes No.

2. Name and address of receiving party(ies)
Name: IO Informatics
Internal Address: 8-904
Street Address: 2000 Powell Street, Suite 520
City: Emeryville State: CA ZIP: 94608
Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: November 13, 2003

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 is:
A. Patent Application No(s): 10/010,086
Additional numbers attached? Yes No

B. Patent No(s):
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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Philip H. Albert
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1
7. Total fee (37 CFR 3.41): -----\$40.00
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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.
Philip H. Albert, Atty. Reg. No. 35,819
Name of Person Signing

Signature
August 3, 2004
Date

Total number of pages including cover sheet, attachments and documents: 4

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PATENT
REEL: 015660 FRAME: 0507

ASSIGNMENT OF PATENT RIGHTS

Sheldon Engelhorn and Susan M Engelhorn, Revocable Trust DTD 11-3-95, located at 2520 Montgomery Ave, Cardiff by the Sea, California 92007 (hereinafter called the "Assignor"), hereby assigns certain patent rights to IO Informatics, a corporation organized and existing under the laws of Delaware, having a place of business at 2000 Powell St, Suite 520, Emeryville Ca 94608 (hereinafter called the "Assignee")

WHEREAS Assignor is the owner of the following Patent Applications:

APPLICATIONS

Patent Application Serial No.: PCT/US01/47922 Filed: 12/06/01

Title: System, Method, Software Architecture and Business Model for an Intelligent Object Based Information Technology Platform

Assignment recorded: July 11, 2003 Reel / Frame:

Patent Application Serial No.:10/010,086 Filed: 12/06/01

Title: System Method, Software Architecture and Business Model for an Intelligent Object Based Information Technology Platform

Assignment recorded: July 11, 2003 Reel /Frame:

Patent Application Serial No.:10/010,724 Filed: 12/06/01

Title: Intelligent Molecular Object Data Structure and Method for Application in Heterogeneous Data Environments with High Data Density and Dynamic Application Needs

Assignment recorded: July 11, 2003 Reel /Frame:

Patent Application Serial No: 10/010,727

Filed: 12/06/01

Title: Intelligent Object Handling Device and Method for Application in Heterogeneous Data Environments with High Density and Dynamic Application Needs

Assignment recorded: July 11, 2003

Reel/Frame:

Patent Application Serial No: 10/010,754

Filed: 12/06/01

Title: Data Pool Architecture, System and Method for Intelligent Object Data in Heterogeneous Data Environments

Assignment recorded: July 11, 2003

Reel/Frame:

AND WHEREAS Assignor has agreed with Assignee for the transfer to it of the whole right, title and interest in and to said Applications and to said Letters Patent, and inventions therein,

NOW THIS ASSIGNMENT WITNESSETH that in pursuance of the said agreement and in consideration of the sum of One U.S. Dollar (\$1.00) paid by Assignee to Assignor (the receipt of which Assignor hereby acknowledges), Assignor, as beneficial owner, hereby assigns and transfers to Assignee said inventions, said Applications and said Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therein and thereon. and in and to any and all divisions, continuations, and continuations in part of said applications, or reissues or extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, and the full exclusive benefits thereof, and all rights, privileges and advantages appertaining thereto, including any and all rights to damages, profits or recoveries of any nature for past infringement of said Letters Patent, and the payment of any and all maintenance fees, taxes, and the like, **TO HOLD** the same unto and to the use of Assignee, its successors and assigns absolutely during the residue of the respective terms for which the . said Letters Patent were granted and during any such terms, and for any and all rights extending from said applications and reissues.

ASSIGNOR hereby covenants that Assignor has full right to convey the entire interest herein being assigned and represents that Assignor has not executed and will not execute any agreements inconsistent with this Assignment or to the detriment of the patent applications, and inventions being assigned hereby.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successor, legal representatives and assigns that, at the time of execution and delivery of these presents, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, that the same are unencumbered, and that assignor has *good and full right* and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns that Assignor will, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or that any division, continuation or continuation-in-part of any Letters Patent to be obtained therein, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns.

Executed at *CARDIFF, CA*

this *13* day of *NOVEMBER*, *2003*

Assignor: *SHYDON FRESLIFORN*

Signature: *[Handwritten Signature]*

Printed Name:

Title: *FRANCIS*