

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rudolf O. ERNST</td> <td>11/08/2004</td> </tr> <tr> <td>Pun Sing LUI</td> <td>11/08/2004</td> </tr> </tbody> </table>		Name	Execution Date	Rudolf O. ERNST	11/08/2004	Pun Sing LUI	11/08/2004				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>PIXIA CORP.</td> </tr> <tr> <td>Street Address:</td> <td>45615 Willow Pond Plaza</td> </tr> <tr> <td>City:</td> <td>Sterling</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>20164</td> </tr> </table>		Name:	PIXIA CORP.	Street Address:	45615 Willow Pond Plaza	City:	Sterling	State/Country:	VIRGINIA	Postal Code:	20164
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CORRESPONDENCE DATA											
<p>Fax Number: (703)770-7901 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-770-7900 Email: allison.douglas@pillsburylaw.com Correspondent Name: Christophe F. Lair Address Line 1: 1650 Tysons Boulevard, Suite 1400 Address Line 4: McLean, VIRGINIA 22102</p>											
ATTORNEY DOCKET NUMBER:	074501-0316027										
NAME OF SUBMITTER:	Christophe F. Lair										
<p>Total Attachments: 2 source=074501-0316027_Assig#page1.tif source=074501-0316027_Assig#page2.tif</p>											

CH \$40.00 11123146

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PATENT
REEL: 023214 FRAME: 0429

Please return signed/recorded to:
Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500
McLean, VA 22102

Atty. Dkt. PMS 0290981
M#

Client Ref.

ASSIGNMENT
of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit:

1) <u>Rudolf O. Ernst</u>	2) <u>Pun Sing LUI</u>
3) _____	4) _____
5) _____	6) _____
7) _____	8) _____

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. 074501/0290981

and entitled: DATA STORAGE AND RETRIEVAL SYSTEM AND METHOD (AS AMENDED)

for which an application for Letters Patent of the United States

☐ was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;
☒ was filed on October 3, 2002, Appln. No. 10/263,930;

AND WHEREAS PIXIA CORP.

(hereinafter ASSIGNEE), duly organized and existing under the laws of the State of Delaware

and having its principal office and place of business at 45615 Willow Pond Plaza, Sterling, Virginia 20164
desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

Signature

Date Signed

Witness

1)

Rud. Ernst
Name: Rudolf O. Ernst

11/8/04

2)

Pun Sing LUI
Name: Pun Sing LUI

11/08/04

3)

Name:

4)

Name:

5)

Name:

6)

Name:

7)

Name:

8)

Name: