PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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<tr>
<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
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<tbody>
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<td>NATURE OF CONVEYANCE:</td>
<td>ASSIGNMENT</td>
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CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jun Shao</td>
<td>05/08/2007</td>
</tr>
<tr>
<td>Deidre Madsen</td>
<td>05/09/2007</td>
</tr>
</tbody>
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RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Ilypsa, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>5301 Patrick Henry Drive</td>
</tr>
<tr>
<td>City:</td>
<td>Santa Ciara</td>
</tr>
<tr>
<td>State/Country:</td>
<td>CALIFORNIA</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>95054</td>
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PROPERTY NUMBERS Total: 1

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<tr>
<td>Application Number:</td>
<td>11096209</td>
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CORRESPONDENCE DATA

Fax Number: (314)231-4342

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 314-231-5400

Email: uspatents@senniger.com

Correspondent Name: Senniger Powers

Address Line 1: One Metropolitan Square
Address Line 2: Suite 1600
Address Line 4: St. Louis, MISSOURI 63102

ATTORNEY DOCKET NUMBER: ILPS 04022.201

NAME OF SUBMITTER: Janet S. Hendrickson

Total Attachments: 3
source=00453093#page1.tif
source=00453093#page2.tif
Whereas, the undersigned:

1. SHAO, Jun
   Fremont, California

2. MADSEN, Deidre
   Sunnyvale, California

hereinafter termed "Inventors", have invented certain new and useful improvements in

ION BINDING POLYMERS AND USES THEREOF

☒ for which an application for United States Patent was filed on March 30, 2005, Application No. 11/096,309.
☐ for which a United States Patent issued on ___. U.S. Patent No. ___.

WHEREAS, Illypsa, Inc., a corporation of the State of Delaware, having a place of business at 5301 Patrick Henry Drive, Santa Clara, California 95054, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 05/10/2007

Jun Shao

Date: 5/9/2007

Deidre Madsen
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of _______ ss.

On May 8, 2007, before me, Karin D. Strand Notary Public

personally appeared Sunna Shao

Name(s) of Signer(s)

[ ] personally known to me
[ ] proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document
Title or Type of Document: Assignment of Application

Document Date: May 8, 2007 Number of Pages: 1

Signer(s) Other Than Named Above: ________________________________

Capacity(ies) Claimed by Signer
Signer’s Name: ____________________________________________________

[ ] individual
[ ] Corporate Officer — Title(s): _________________________________
[ ] Partner — [ ] Limited [ ] General
[ ] Attorney in Fact
[ ] Trustee
[ ] Guardian or Conservator
[ ] Other: ________________________________

Signer Is Representing: ____________________________________________

Right Thumbprint of Signer
Top of thumb here
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Santa Clara

On May 9, 2007, before me, Karin D. Strand, Notary Public
personally appeared Deidre Madsen, Name(s) of Signer(s)

☑ personally known to me
☒ proved to me on the basis of satisfactory evidence
to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that he/she they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document
Title or Type of Document: Assignment of Application
Document Date: May 9, 2007 Number of Pages: 1
Signer(s) Other Than Named Above: 

Capacity(ies) Claimed by Signer
Signer's Name: 
☐ Individual
☐ Corporate Officer — Title(s): 
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: 

Signer Is Representing: 

RIGHT THUMBSNPRINT OF SIGNER
Top of thumb here

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RECORDED: 06/05/2007
PATENT
REEL: 019383 FRAME: 0566