PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOMINIQUE CHARMOT	11/15/2004
HAN TING CHANG	11/15/2004
GERRIT KLAERNER	11/15/2004
MINGJUN LIU	11/16/2004
FUTIAN LIU	11/16/2004

RECEIVING PARTY DATA

Name:	ILYPSA, INC.
Street Address:	3410 CENTRAL EXPRESSWAY
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12857264

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	RLY 04021.214 (1)
NAME OF SUBMITTER:	JODI A. GALLOP
SIGNATURE:	/Jodi A. Gallop/
DATE SIGNED:	04/25/2016
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Total Attachments: 1

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PATENT REEL: 038372 FRAME: 0089

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number ASSIGNMENT OF APPLICATION Docket Number 29329-715 501 Whereas, the undersigned: CHARMOI, Dominique 2 CHANG, Han Ting 3 KLAERNER, Gerrit 4 COPE, Michael James Campbell, CA Livermore, CA San Jose, CA Berkeley, CA 5 LIU, Mingjun LIU, Futian Santa Clara, CA Mountain View, CA hereinafter termed "Inventors", have invented certain new and useful improvements in ION BINDING POLYMERS AND USES THEREOF or which an application for United States Patent was filed on October 13, 2004, Application No. 10/965,274 ☐ for which a United States Patent issued on ___, U.S. Patent No ___. WHEREAS, Ilvpsa. Inc., a corporation of the State of California, having a place of business at 3410 Central Expressway, Santa Clara, CA 95051 (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 IHEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee: 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 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 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 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 WIINESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below: 11/15/04 KLAERNER, Gerrit LIU Mingjun Date: LIU, Futian

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RECORDED: 04/25/2016