
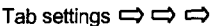
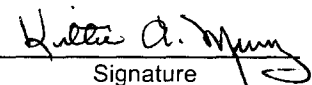


12-02-2003

10/311644

Form PTO-1595 (Rev. 10/02) (exp. 5/31/2002)		RE		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
Tab settings 		102612432			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Charles A. Angell Wu Xu Xiaoguang Sun  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>Arizona Board of Regents, acting for and on</u> Internal Address: <u>behalf of, Arizona State University</u>  Street Address: <u>P.O. Box 873511</u>  City: <u>Tempe</u> State: <u>AZ</u> Zip: <u>85284</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <u>8/26/03; 9/8/03</u>					
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) <u>10/311,644</u> B. Patent No.(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: <u>Kittie A. Murray</u> Internal Address: <u>QUARLES &amp; BRADY STREICH</u> <u>LANG LLP</u>  Street Address: <u>One Renaissance Square</u> <u>Two North Central Avenue</u> City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85004-2391</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: <u>17-0055</u>		
DO NOT USE THIS SPACE					
9. Statement and signature.  Kittie A. Murray, Reg. No. 30,346 Name of Person Signing   Signature  September 18, 2003 Date  Total number of pages including cover sheet, attachments, and documents: <u>3</u>					

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

# ASSIGNMENT AND AGREEMENT

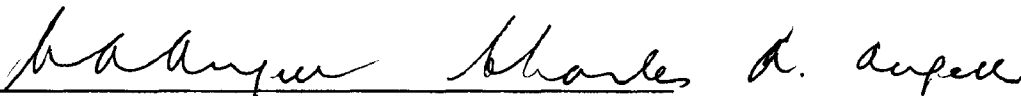
For good and valuable consideration, the receipt of which is hereby acknowledged, I, CHARLES A. ANGELL of Mesa, AZ, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto ARIZONA BOARD OF REGENTS, acting for and on behalf of, ARIZONA STATE UNIVERSITY (ABR/ASU), a non-profit organization of the , having its principal office in Tempe, State of Arizona, United States of America, and its successors, assigns, and legal representatives, my entire right, title, and interest for the United States of America in and to certain invention(s) entitled SOLID POLYMERIC ELECTROLYTES FOR LITHIUM BATTERIES, United States Patent Application Serial No. 10/311,644, filed December 16, 2002, described, illustrated, and claimed in an application for Letters Patent of the United States of America, together with my entire right, title and interest in and to the application(s) for Letters Patent, and upon any continuation, continuation-in-part, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any Letters Patent which may be issued upon the application(s).

I hereby also sell, assign, and transfer unto ABR/ASU, my entire right, title, and interest in and to the invention(s), application(s) for patent, and any patent which may be issued upon the application(s), in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention(s), application(s) for patent, and issued patent(s) in foreign countries. I authorize ABR/ASU to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date of any application for patent in any country under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, continuation, continuation-in-part, division, reissue, reexamination, extension, renewal, or substitute, to ABR/ASU, for the sole use and behalf of ABR/ASU, its successors, assigns, and legal representatives, for the full term for which the Letters Patent may be granted, the same as would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to and in the name of ABR/ASU.

I agree that, when requested, I will, without charge to ABR/ASU, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, and convenient for applying, securing, and maintaining patent(s) for the invention(s) in any and all countries and for vesting title thereto in ABR/ASU, its successors, assigns, and legal representatives or nominees.

I covenant with ABR/ASU, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

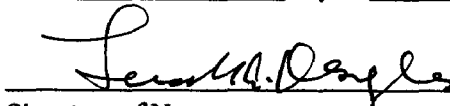


Signature for CHARLES A. ANGELL

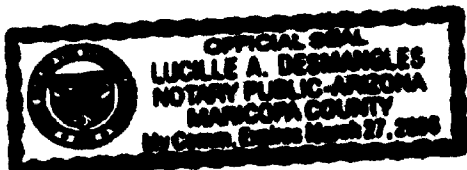
STATE OF ARIZONA )  
COUNTY OF MARICOPA )

I, Lucille D. Demongles, a Notary Public in and for the County and State aforesaid, do hereby certify that CHARLES A. ANGELL, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 26 day of August, 2003.



Signature of Notary



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PATENT  
REEL: 014735 FRAME: 0578

# ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, WU XU of Tempe, AZ, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto ARIZONA BOARD OF REGENTS, acting for and on behalf of, ARIZONA STATE UNIVERSITY (ABR/ASU), a non-profit organization of the , having its principal office in Tempe, State of Arizona, United States of America, and its successors, assigns, and legal representatives, my entire right, title, and interest for the United States of America in and to certain invention(s) entitled SOLID POLYMERIC ELECTROLYTES FOR LITHIUM BATTERIES, United States Patent Application Serial No. 10/311,644, filed December 16, 2002, described, illustrated, and claimed in an application for Letters Patent of the United States of America, together with my entire right, title and interest in and to the application(s) for Letters Patent, and upon any continuation, continuation-in-part, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any Letters Patent which may be issued upon the application(s).

I hereby also sell, assign, and transfer unto ABR/ASU, my entire right, title, and interest in and to the invention(s), application(s) for patent, and any patent which may be issued upon the application(s), in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention(s), application(s) for patent, and issued patent(s) in foreign countries. I authorize ABR/ASU to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date of any application for patent in any country under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, continuation, continuation-in-part, division, reissue, reexamination, extension, renewal, or substitute, to ABR/ASU, for the sole use and behalf of ABR/ASU, its successors, assigns, and legal representatives, for the full term for which the Letters Patent may be granted, the same as would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to and in the name of ABR/ASU.

I agree that, when requested, I will, without charge to ABR/ASU, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, and convenient for applying, securing, and maintaining patent(s) for the invention(s) in any and all countries and for vesting title thereto in ABR/ASU, its successors, assigns, and legal representatives or nominees.

I covenant with ABR/ASU, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

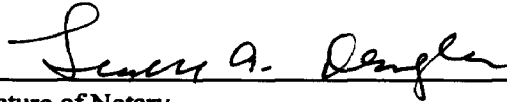


Signature for WU XU

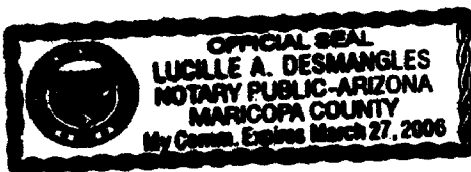
STATE OF ARIZONA )  
COUNTY OF MARICOPA )

I, Lucille A. Desmangles, a Notary Public in and for the County and State aforesaid, do hereby certify that WU XU, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 26 day of August, 2003.



Signature of Notary



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PATENT  
REEL: 014735 FRAME: 0579

# ASSIGNMENT AND AGREEMENT


For good and valuable consideration, the receipt of which is hereby acknowledged, I, XIAOGUANG SUN of Tempe, AZ, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto ARIZONA BOARD OF REGENTS, acting for and on behalf of, ARIZONA STATE UNIVERSITY (ABR/ASU), a non-profit organization of the , having its principal office in Tempe, State of Arizona, United States of America, and its successors, assigns, and legal representatives, my entire right, title, and interest for the United States of America in and to certain invention(s) entitled SOLID POLYMERIC ELECTROLYTES FOR LITHIUM BATTERIES, United States Patent Application Serial No. 10/311,644, filed December 16, 2002, described, illustrated, and claimed in an application for Letters Patent of the United States of America, together with my entire right, title and interest in and to the application(s) for Letters Patent, and upon any continuation, continuation-in-part, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any Letters Patent which may be issued upon the application(s).

I hereby also sell, assign, and transfer unto ABR/ASU, my entire right, title, and interest in and to the invention(s), application(s) for patent, and any patent which may be issued upon the application(s), in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention(s), application(s) for patent, and issued patent(s) in foreign countries. I authorize ABR/ASU to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date of any application for patent in any country under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, continuation, continuation-in-part, division, reissue, reexamination, extension, renewal, or substitute, to ABR/ASU, for the sole use and behalf of ABR/ASU, its successors, assigns, and legal representatives, for the full term for which the Letters Patent may be granted, the same as would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to and in the name of ABR/ASU.

I agree that, when requested, I will, without charge to ABR/ASU, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, and convenient for applying, securing, and maintaining patent(s) for the invention(s) in any and all countries and for vesting title thereto in ABR/ASU, its successors, assigns, and legal representatives or nominees.

I covenant with ABR/ASU, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

  
\_\_\_\_\_  
Signature for XIAOGUANG SUN

STATE OF ~~ARIZONA~~ CALIFORNIA  
COUNTY OF ~~MARICOPA~~ ALAMEDA )

I, MARY S. BAPI, a Notary Public in and for the County and State aforesaid, do hereby certify that XIAOGUANG SUN, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that ~~he~~she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 8th day of SEPT., 2003.



  
\_\_\_\_\_  
Signature of Notary

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RECORDED: 09/19/2003

PATENT  
REEL: 014735 FRAME: 0580