

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Arie ZABAN	04/23/2009
Larissa GRINIS	05/03/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAR-ILAN UNIVERSITY
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<b>City:</b>	Ramat Gan
<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	52900
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12513222
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<b>NAME OF SUBMITTER:</b>	Ronni S. Jillions
<b>Total Attachments: 1</b> source=2009-06-03assignment#page 1.tif	

OP \$40.00 12513222

# ASSIGNMENT

(1-2) *Insert Name(s) of Inventors*

(1) Arie ZABAN

(2) Larissa CIRINIS

In consideration of the sum of ten dollars (\$10.00) and other good and valuable considerations paid to each of the undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, and set over to

(3) *Insert Name of Assignee*

(3) Bar-Ilan University

(4) *Insert Address of Assignee*

(4) Ramat Gan 52900, Israel

(hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the invention known as

(5) *Insert Identification of Invention, such as Title, Case Number or Foreign Application Number*

(5) Nickel-cobalt alloys as current collectors and conductive interconnects and deposition thereof on transparent conductive oxides

for which undersigned has filed or will file a provisional application, or for which undersigned has executed a non-provisional application for patent in the United States of America

(6) *Insert Date of Signing of Application*

(6) on

(7) *Alternative Identification for Filed Applications*

(7) U.S. Application Number 12/513,222

filed May 1, 2009

The undersigned further agrees to assign, and hereby does assign, transfer and set over to Assignee all provisional and non-provisional applications for patent and any original and reissued Letters Patents granted for said invention and all divisions and continuations of said applications, including the subject matter of any and all claims which may be obtained in every such patent; and the right, where such right can be legally exercised, in his name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as he or she could have done if the application had been filed in his or her name; and the entire interest in any Letters Patents which may be granted on any such applications in such foreign countries; and he or she does authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patents to the said Assignee, its successors, assigns, nominees or other legal representatives, as Assignee and owner of the said entire interest; and he or she does covenant that he or she has full right to convey the said entire interest herein assigned and that he or she has not executed and will not execute any agreement in conflict herewith; and he or she agrees that he or she will communicate to said Assignee, its successors, assigns, nominees or other legal representatives, all facts known to him or her respecting said inventions, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute and deliver all divisional, continuing, reissue and foreign applications, or the procuring thereof, and also to execute separate assignments in connection with any such applications as the Assignee may deem necessary or expedient or essential to the full protection and title in and to the invention hereby transferred; and that if and when said Assignee, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, he or she will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and he or she further covenants and agrees that he or she will at any time, upon request, do everything possible to aid said Assignee, its successors, assigns, nominees or other legal representatives either in his or her or Assignee's own name, to apply for, obtain and enforce proper patent protection for said inventions in all countries, according to the International Convention of 1883 and all the laws and treaties in force, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees or other legal representatives.

The undersigned hereby grant(s) the firm of Browdy and Neimark the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment shall be binding upon the heirs, executors, administrators, and/or assigns of each of the undersigned, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by each of the undersigned on the date opposite the name of the undersigned.

(1) Date 23.4.09 Signature of Inventor A. Zaban  
(2) Date 03.05.09 Signature of Inventor Larissa

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