

8/05/2004



08-10-2004

8-4-04

Agent's Docket No: NSL-034



RJ  
FC

102810244

To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

**MARTIN R. ROSCHEISEN**  
611 Buena Vista Avenue West  
San Francisco, CA 94117

**BRIAN M. SAGER**  
2250 Cornell Street  
Palo Alto, CA 94306

2. Assignee:

**NANOSOLAR, INC.**  
2440 Embarcadero Way  
Palo Alto, CA 94303

3. Execution Date of Assignment of Entire Interest in Patent Application: 9/30/2004

4. Execution Date of Declaration for Patent Application: 7/29/2004

4A. Patent Application No.: 10/836,307 File: April 30, 2004

4B. Title: **PHOTOVOLTAIC THIN-FILM CELL PRODUCED FROM METALLIC BLEND USING HIGH-TEMPERATURE PRINTING**

4C. Patent Number: **Not Assigned**

5. Correspondence address: Joshua D. Isenberg  
JDI PATENT  
204 Castro Lane  
Fremont, CA 94539

6. Total Number of applications and Patents involved: 1

7. Total fee (37 CFR 3.41): \$40

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct, and any attached copy is a true copy of the original document.

Joshua D. Isenberg *Joshua D. Isenberg*  
Reg. No. 41,088 telephone: (510) 896-8328

Date: 8/4/2004

Total number of pages including cover sheet, attachments, and document: 3

08/06/2004 MAHMED1 00000054 10836307  
04 FC:8021 40.00 DP

## ASSIGNMENT

THIS ASSIGNMENT, by **MARTIN R. ROSCHEISEN** and **BRIAN M. SAGER**

(hereinafter referred to as the Assignors), residing at **SAN FRANCISCO, CALIFORNIA** and **PALO ALTO, CALIFORNIA** respectively, witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in

**“PHOTOVOLTAIC THIN-FILM CELL PRODUCED FROM METALLIC BLEND USING  
HIGH-TEMPERATURE PRINTING”**

for which application for Letters Patent Serial No. **10/836,307** was filed on **April 30, 2004**.

WHEREAS,

**NANOSOLAR, INC.**

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **CALIFORNIA, PALO ALTO, CALIFORNIA 94303**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the joint and lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same has not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby jointly and severally covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below.

Date: 7-30-2004

Martin R Roscheisen

**MARTIN R. ROSCHEISEN**

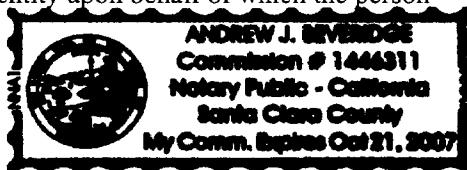
State of California )  
 ) ss.  
County of SANTA CLARA )

On this 30<sup>th</sup> day of JULY, in the year 2004, before me, ANDREW BEVERIDGE Notary Public, personally appeared MARTIN ROSCHEISEN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature [Signature]

(SEAL)



Date: 7-30-2004

Brian M. Sager

**BRIAN M. SAGER**

State of California )  
 ) ss.  
County of SANTA CLARA )

On this 30 day of JULY, in the year 2004, before me, ANDREW BEVERIDGE, Notary Public, personally appeared BRIAN SAGER, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature [Signature]

(SEAL)

