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U.S. DEPARTMENT OF COMMERCE  
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7-23-04



REC 102803826

Atty Docket No.: 011273.54893US **PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

William R. Garmer  
Jonathan M. Luck

Execution Date(s) 07/23/2004; 07/23/2004

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Ambient Control Systems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1810 Gillespie Way, Suite 210

City: El Cajon

State: California

Country: U.S.A. Zip: 92020

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

10898640

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Kimberley G. Nobles

Internal Address: Crowell & Moring LLP

Intellectual Property Group

Street Address: P.O. Box 14300

City: Washington

State: D.C. Zip: 20044-4300

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Fax Number: (949) 263-8414

Email Address: knobles@crowell.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 05-1323

Authorized User Name Crowell & Moring LLP

**9. Signature:**

Kimberley G. Nobles  
Signature

07/23/2004

Date

Kimberley G. Nobles, Reg. No. 38,255

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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**PATENT**  
**REEL: 015613 FRAME: 0778**

## **ASSIGNMENT**

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**William R. Garmer, and  
Jonathan M. Luck**

hereby sell, assign, and transfer to:

**Ambient Control Systems, Inc.**

a California corporation organized and existing under the laws of the United States, having its principal place of business at 1810 Gillespie Way, Suite 210, El Cajon, California 92020, USA (hereinafter, together with its successors, legal representatives or assigns thereof, referred to as "Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the following application that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

### **IMPROVED METHOD AND APPARATUS FOR PHOTOVOLTAIC CELLS OF SOLAR POWERED RADIATION SENSING SYSTEM ANTENNA**


and in and to said application and all divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original, reexaminations, reissues and extensions thereof that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application, and in all subsequent utility, PCT and foreign applications claiming priority to the United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said

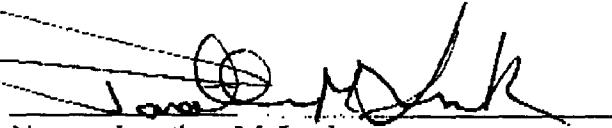
improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Please Sign and Date Below:**

7/23/2004  
Date

  
Name: William R. Garner  
Address: San Diego, California

7/23/2004  
Date

  
Name: Jonathan M. Tuck  
Address: El Cajon, California