

17-27-00

Docket No.: STIS-0037-US (PE-19258-AM)

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
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P08A/REV02

01-12-2001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Tab settings

To the Honorable Commissioner of Patents

101581233

attached original documents or copy thereof.

1. Name of conveying party(ies):  
**CHIN-KUANG LUO**

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

Name: **ORRA CORPORATION**

Address: **2975 SCOTT BLVD., SUITE 205**

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

City: **SANTA CLARA** State/Prov.: **CA**

Country: **USA** ZIP: **95054**

Execution Date: **DECEMBER 12, 2000**

Additional name(s) & address(es) ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **OCTOBER 12, 2000**

Patent Application No. Filing date

B. Patent No.(s)

09693608

Additional numbers ☐ Yes ☒ No

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

Name: **TIMOTHY N. TROP**

Registration No. **28,994**

Address: **TROP, PRUNER & HU, P.C.**

**8554 KATY FREEWAY, SUITE 100**

City: **HOUSTON** State/Prov.: **TEXAS**

Country: **USA** ZIP: **77024**

6. Total number of applications and patents involved: **01**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

**20-1504 (STIS-0037-US)**

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Signature and signature.

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

**TIMOTHY N. TROP**

Name of Person Signing

Signature

**DECEMBER 19, 2000**

Date

03

Total number of pages including cover sheet, attachments, and

**PATENT**  
**REEL: 011408 FRAME: 0191**

# ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (Invention Title) METHOD AND APPARATUS FOR CONVERTING NATURAL HEAT ENERGY INTO ANOTHER FORM OF ENERGY

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☐ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.  
☒ U.S. patent application Serial No. 09/693,608, filed Oct. 20, 2000  
☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only.  
☐ worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. patent application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of sole or first inventor) Chin-Kuang LUO

(Address) 5F, No. 56, Min-Chuan Rd., Chung Dist., Taichung City, Taiwan

(Full name of second joint inventor, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

(Full name of third joint, inventor, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) ORRA Corporation

(Address of assignee) 2975 Scott Blvd., Suite 205, Santa Clara, CA 95054, U.S.A.

The ASSIGNEE is:

- (check one) ☐ An Individual.  
☐ A Partnership.  
☒ A Corporation of U.S.A. (state or country)  
☐ \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to the ASSIGNEE; its successors and assigns:

the full and exclusive right to the invention;  
the entire right, title and interest in and to the PATENT RIGHTS; and  
the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts know to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

Dec. 8, 2000

(Date)

(Date)

(Date)

Luo Chin Kuang  
(Signature of sole or first inventor)

(Signature of second inventor, if any)

(Signature of third inventor, if any)