Form <b>PTO-1595 F</b> (Rev. 10/02)	U.S. DEPARTMENT OF COMMERC U.S. Patent and Trademark Offi
OMB No. 0651-0027 (exp. 6/30/2005)  Tab settings ⇒ ⇒ ▼ 102762	2052 ▼ ▼ ▼
	: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): 6.1.04 Shukui Zhang Michelle D. Shinn	2. Name and address of receiving party(ies)  Name: Southeastern Universities Res. Ass  Internal Address:
Additional name(s) of conveying party(ies) attached? 📮 Yes 📮 No	
3. Nature of conveyance:	
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Execution Date: 4/26&29/04	Additional name(s) & address(es) attached? 📮 Yes 🧣 N
	attached? ☐ Yes ☐ No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Auzville Jackson, Ir.  Internal Address:	7. Total fee (37 CFR 3.41)\$ 40
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PATENT REEL: 015420 FRAME: 0051

### ASSIGNMENT

#### WHEREAS:

Shukui Zhang 119 Eric Nelson Run Yorktown, VA 23693 USA

Michelle D. Shinn 116 Archer Road Newport News, VA 23606 USA

(hereinafter referred to as ASSIGNOR(S)) have invented certain new and useful improvements in an invention entitled:

## SINGLE ELEMENT LASER BEAM SHAPER

for which an application for United States Letters Patent is being executed and filed concurrently herewith;

#### WHEREAS:

Southeastern Universities Research Association 12000 Jefferson Avenue Newport News, VA 23606 USA

(hereinafter referred to ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for full and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

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Docket 1664 (SURA) Assignment

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

# SIGNATURES(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

INVENTOR(S) AND ASSIGNOR(S):

DATE SIGNED

WITNESS (ES)

Shukui Zhang

RECORDED: 06/01/2004

Michelle D. Shinn

04/29/2004

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