

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Taysir H. Nayfeh	01/26/2009
Daniel E. Raible	01/26/2009
Brian R. Fast	01/26/2009
RECEIVING PARTY DATA	
Name:	Cleveland State University
Street Address:	2121 Euclid Avenue
City:	Cleveland
State/Country:	OHIO
Postal Code:	44115
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12328899
CORRESPONDENCE DATA	
Fax Number:	(216)363-9001
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	216.363.9000
Email:	lboyland@faysharpe.com
Correspondent Name:	Fay Sharpe LLP
Address Line 1:	1228 Euclid Avenue, 5th Floor
Address Line 2:	The Halle Building
Address Line 4:	Cleveland, OHIO 44115
ATTORNEY DOCKET NUMBER:	CLEV 2 00101
NAME OF SUBMITTER:	John M. Ling
Total Attachments: 3 source=Assignmentasfiled#page1.tif	

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**PATENT**  
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Taysir H. Nayfeh** of 10219 Edgewater Drive, Cleveland, Ohio 44102; **Daniel E. Raible**, 1362 Columbia Road, Westlake, Ohio 44145; and **Brian R. Fast**, 455 Basil Street, Baltimore, Ohio 43105 ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

☐ executed concurrently herewith  
☐ executed on  
☒ filed December 5, 2008, and assigned Application Serial No. 12/328,899

and is entitled

**LASER GENERATED SYNTHETIC MEGA SCALE  
APERTURE FOR SOLAR ENERGY CONCENTRATION AND HARNESSING**

hereby sell, assign and transfer to **Cleveland State University**, ("Assignee"), a corporation of the State of Ohio, having a place of business at **2121 Euclid Avenue, Cleveland, Ohio 44115**, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said provisional application, including any foreign and international patent applications associated therewith, or claiming priority therefrom, including but not limited to any and all provisional applications, non-provisional application(s), divisions, continuations, continuations-in-part, reexaminations, and reissues, and extensions thereof, as well as the right to claim priority thereto, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own 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 and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal

representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of Cleveland State of Ohio  
on this 26 day of January, 2009.

Taysir H. Nayfeh  
Taysir H. Nayfeh

State of )  
)ss:  
County of )

On this 26<sup>th</sup> day of January, 2009 before me personally came Taysir H. Nayfeh, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Seal



