Form PTO-1595 (Rev. (06/04) 08 - 25 - 2 OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RE	Т
8.23. ₩ · 102822	122
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): 2. Name and address of receiving party(ies) Name: Celegrating 	
institute of Chemistry, Chinese Academy of Sciences	Name: Celgard Inc.
	Internal Address:
Execution Date(s) July 1, 2004 Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: 13800 South Lakes Drive
3. Nature of conveyance:	23 %
X Assignment Merger	City: Charlotte
	Charlotte Charlotte
Security Agreement Change of Name	State: NC = 5
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 28273
Other	A 4455 1 (-) 0 - 44 (-) - 44 10
OtherAdditional name(s) & address(es) attached? Yes X No 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)
	5,134,174
Additional numbers at	ached? Yes XNo
5. Name and address to whom correspondence 6. Total number of applications and patents	
concerning document should be mailed:	involved:
Name: Robert H. Hammer III	7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00
Internal Address: Robert H. Hammer III, P.C.	Authorized to be charged by credit card
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Street Address: 3121 Springbank Lane, Suite I	Enclosed
	None required (government interest not affecting title)
City: Charlotte	8. Payment Information
State: NC Zip: 28226	Credit Card Last 4 Numbers Expiration Date
Phone Number: (704) 927-0400	
Fax Number: (704) 927-0485	Deposit Account Number <u>08-2447</u>
Email Address: bhammer@hammerpatent.com	Authorized User Name Robert H. Hammer III
9. Signature:	8/19/04
4/2004 ECOOPER 00000155 082447 5134174 Signature	Date
C:80P1 40.00 DA Robert H. Hammer III	Total number of pages including cover sheet, attachments, and documents: 3
Name of Person Signing sheet, attachments, and documents: 3 Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:	

· Form PTO-1595 (Rev. (06/04)

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EXHIBIT 1

ASSIGNMENT

WHEREAS, INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES

("ASSIGNOR"), a corporation organized and existing under the laws of China, having a place of

business at 2 North 1st Street, Zhongguancun, Haidian, Beijing 1000080, China is the owner of

U.S. Patent Number 5,134,174; and

WHEREAS, CELGARD INC. ("ASSIGNEE"), a corporation organized and existing under

the laws of the State of Delaware, United States of America, having a place of business at 13800

South Lakes Drive, Charlotte, North Carolina 28273, United States of America, has acquired from

ASSIGNOR all right, title, and interest in, to, and under: U.S. Patent Number 5,134,174.

NOW, THEREFORE, for good and valuable consideration set forth in the Patent Assignment

Contract between ASSIGNEE and ASSIGNOR, ASSIGNOR hereby assigns, transfers, and

conveys to ASSIGNEE its entire right, title, and interest in, to, and under said U.S. patent

(including all rights to damages and profits arising from any past and/or future infringement of

said U.S. patent and the right to sue for and recover the same), all said rights to be held by

ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and

assigns to the full end of the term of the U.S. patent.

IN WITNESS THEREOF, ASSIGNOR has caused this Agreement to be effective on

July 1, 2004 by its duly authorized officer.

10

PATENT

REEL: 015711 FRAME: 0034

Title Prof, Director of Sa. Tech_Title Vice President

Date July 1, 2004

Signature

Signature

Yinghua Zhu

Signature

Yinghua Zhu

Name Printed

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RECORDED: 08/23/2004