

12-15-1998

SHEET

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To the Honorable Commissioner of Patents and Trademarks
copy thereof.

with the attached original documents or

1. Name of conveying party:
R. H. Carroll; L. I. Holstein; C. J. Runkle;
R. A. Sodaro; T. R. Vido and M. J. Weinstein

2. Name and address of receiving party:

CELGARD LLC
13800 South Lakes Drive
Charlotte, NC 28273



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

3. Nature of conveyance:
(X) Assignment () Merger
() Security Agreement () Change of Name
() Other
Execution Date: December 3, 4, & 7, 1998

4. Application number:
If this document is being filed together with a new application, the execution date of the application is: December 7, 1998

A. Patent Application No.(s) B. Patent No.(s)
Additional numbers attached? () Yes (X) No

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

CELGARD LLC
LAW DEPARTMENT
13800 South Lakes Drive
Charlotte, NC 28273

Attention: Robert H. Hammer III

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)....\$40.00
() Enclosed
(X) Authorized to be charged to deposit account

8. Deposit account number: 08-2447
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement 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.

Robert H. Hammer III
Name of Person Signing

[Signature]
Signature

12/7/98
Date

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

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Washington, D.C. 20231**

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ASSIGNMENT

Docket No. 4000-15P1
Serial No.
Filed:

WHEREAS, UNDERSIGNED

Robert H. Carroll; Linus I. Holstein; Charles J. Runkle; Richard A. Sodaro;
Tony R. Vido; and Martin J. Weinstein

citizens of the United States of America, residing at

3426 Kingsfield Road, Rock Hill, SC 29732; 12108 Woodside Falls Rd. Pineville, NC 28134;
10425 William Penn Lane, Charlotte, NC 28277; 4400 Stryker Dr., Weddington, NC 28105;
17 Forest Hill Rd., Belmont, NC ~~28237~~^{28012 TRV} and 8934 Fallsdale Dr., Charlotte, NC 28214

have invented certain new and useful improvements (INVENTION) disclosed, shown, and described in
an APPLICATION for Letters Patent of the United States entitled

"A Thermoplastic, Unibody Transfer Device"

Docket No. 4000-15P1, said APPLICATION being executed concurrently herewith, and

WHEREAS, by virtue of a pre-existing obligation of assignment, the UNDERSIGNED have been under
a continuous obligation since prior to the invention of the subject matter of the said APPLICATION to assign the
said APPLICATION to CELGARD LLC, and

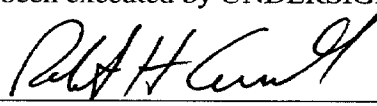
WHEREAS, CELGARD LLC, a limited liability company under the laws of the State of Delaware,
U.S.A., having an office at 13800 South Lakes Drive, Charlotte, North Carolina 28273, USA (ASSIGNEE) is
desirous of acquiring the entire right, title and interest in and to the INVENTION, in this and any foreign country,
and in and to any Letters Patent of the United States or any foreign country which may be granted embracing the
INVENTION.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,
UNDERSIGNED by these presents, sells, assigns and transfers unto ASSIGNEE, its legal representatives,
successors, and assigns, the entire right, title and interest for the United States and all foreign countries, in and to
the INVENTION, and in and to the said APPLICATION, and in and to any applications for Letters Patent which
have been or may be filed in any foreign country on said INVENTION, and in and to any and all priority rights
generated by the filing of said APPLICATION in the United States or any foreign country, which may be granted
covering the INVENTION, including any continuations, substitutions, divisions, reissues, or renewals thereof,
said Letters Patent whether of this country or any foreign country to be held and enjoyed by ASSIGNEE for its
interest, for its own use and behalf, and for its legal representatives, successors, and assigns, to the full end of the
term for which said Letters Patent may be granted as fully and entirely as the same would have been held by
UNDERSIGNED had this assignment and sale not been made.

THE UNDERSIGNED covenant not to have executed and will not execute any agreement in conflict
with this assignment.

IN WITNESS WHEREOF this assignment has been executed by UNDERSIGNED on the date opposite
his name.

Date 12-3-98



Robert H. Carroll (LS)

Date 12/4/98

Linus I. Holstein (LS)
Linus I. Holstein

Date 12/3/98

Charles J. Runkle (LS)
Charles J. Runkle

Date 12/7/98

Richard A. Sodaro (LS)
Richard A. Sodaro

Date 12-4-98

Tony R. Vido (LS)
Tony R. Vido

Date 12-3-98

Martin J. Weinstein (LS)
Martin J. Weinstein

State of North Carolina)

County of Mecklenburg)

On 12/3; 12/4; 12/7 1998, before me a Notary Public in and for the county and state aforesaid, appeared R.H. Carroll; L.I. Holstein; C. J. Runkle; R. A. Sodaro; T. R. Vido and M. J. Weinstein to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act, and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

Christine W. Sawyer
Notary Public

My Commission Expires: _____



My Commission Expires 10/26/2002