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FORM PTO-1595
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Hans-Josef STERZEL
Klaus KÜHLING
Mercouri G. Kanatzidis
Duck-Young CHUNG

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

Name: 1) BASF Aktiengesellschaft
2) University of Michigan

Address: 1) 67056 Ludwigshafen, Germany
2) East Lansing, MI 48824, USA

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Execution Date: Sterzel & Kühling: May 31, 2006;
Kantazidis & Chung: May 23, 2006

08-21-2006



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Additional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application

A. Patent Application No.(s)

11/392,495

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total applications and patents involved: 1

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PATENT
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Assignment of Application

WHEREAS; I (WE)

Hans-Josef Sterzel, Wasgauring 3, 67125 Dannstadt-Schauernheim, Germany
Citizen of Germany

Klaus Kühling, Limburgstr. 7, 67158 Ellerstadt, Germany
Citizen of Germany

Mercouri G. Kanatzidis, 1108 Nautical Drive, Okemos, MI 48864, United States of America
Citizen of United States of America

Duck-Young Chung, 5868 Green Road, Haslett, MI 48840, United States of America
Citizen of Republic of Korea

respectively, have invented certain new and useful improvements in

**Pb-Te-COMPOUNDS DOPED WITH TIN-ANTIMONY-TELLURIDES FOR THERMOELECTRIC
GENERATORS OR PELTIER ARRANGEMENTS**

for which an application for Letters Patent was executed on **May 23 and May 31, 2006**

(Application No. **11/392,495** , filed **March 30, 2006**), and

WHEREAS, BASF Aktiengesellschaft (hereinafter referred to as "ASSIGNEE"), having a place of business at 67056 Ludwigshafen, Germany and Michigan State University having a place of business at East Lansing, Michigan 48824, United States of America is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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 me (us) had this Assignment and sale not been made.

FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

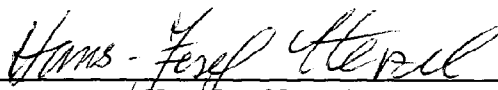
The undersigned hereby grant(s) the firm of **Oblon, Spivak, McClelland, Maier & Neustadt, P.C.**, 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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31. Mai 2006

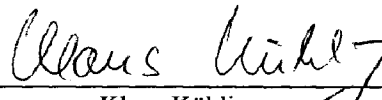
Date: _____

Signature of Inventor: _____


Hans-Josef Sterzel

Date: 31.5.'06

Signature of Inventor: _____


Klaus Kühling

Date: 5/23/06

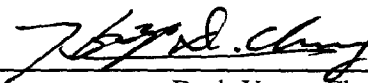
Signature of Inventor: _____



Mercouri G. Kanatzidis

Date: 5/23/06

Signature of Inventor: _____



Duck-Young Chung

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