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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ingo Stark; and Peter Zhou

2. Name and address of receiving party(ies)

Name: Applied Digital Solutions

Internal Address:

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

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Street Address: 5750 Division Street #207

City: Riverside State: CA Zip: 92506

Execution Date: May 28, 2003

Additional name(s) & address(es) attached? Yes No

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/440,992

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Sean O'Neill

Internal Address:

Street Address: STETINA BRUNDA GARRED & BRUCKER

75 Enterprise-Suite 250

City: Aliso Viejo State: CA Zip: 92656

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

19-4330

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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.

Sean O'Neill

Name of Person Signing

Signature

Signature

08/26/2003

Date

Total number of pages including cover sheet, attachments, and documents

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

09/03/2003 ECOOPER 00000037 10440992 40.00 OP

ASSIGNMENT OF APPLICATION

Docket Number:
APPDS-001A

Whereas, I/We, Peter Zhou of Riverside, California, hereafter referred to as applicant, have invented certain new and useful improvements in LOW POWER THERMOELECTRIC GENERATOR


X for which an application for a United States Patent was filed on May 19, 2003,
Application Number 10 / 440,992

for which an application for a United States Patent was executed on _____, and

Whereas, Applied Digital Solutions of Riverside, California herein referred to "assignee" whose mailing address is 5750 Division Street #207, Riverside, California 92506 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of One dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said improvement in the United States, and by these presents do hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument; I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 28th day of May, 2003,
at 4:00 p.m.



Peter Zhou


State of California) SS:

County of Riverside)

Before me personally appeared said Peter Zhou



and acknowledged the foregoing instrument to be his free act and deed this 28th
day of May, 2003.



(Notary Public)

Total of 2 forms are submitted.

ASSIGNMENT OF APPLICATION

Docket Number:
APPDS-001A

Whereas, I/We, Ingo Stark of Halle, Germany, hereafter referred to as applicant, have invented certain new and useful improvements in LOW POWER THERMOELECTRIC GENERATOR

X for which an application for a United States Patent was filed on May 19, 2003,
Application Number 10 / 440,992

for which an application for a United States Patent was executed on _____, and

Whereas, Applied Digital Solutions of Riverside, California herein referred to "assignee" whose mailing address is 5750 Division Street #207, Riverside, California 92506 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of One dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said improvement in the United States, and by these presents do hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument; I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 28th day of May, 2003,
at 4:00 p.m.

Ingo Stark

Ingo Stark

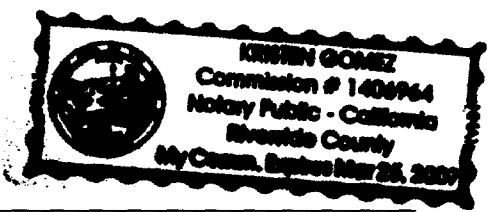
State of California) SS:

County of Riverside)

Before me personally appeared said Ingo Stark

and acknowledged the foregoing instrument to be his free act and deed this 28th
day of May, 2003.

Kristin Gomez
(Notary Public)



Total of 2 forms are submitted.