

Form PTO-1595 (Rev. 03/01)

### RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
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OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇐ ⇐ ⇐

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

#### 1. Name of conveying party(ies):

Masayuki Iijima 01/07/2005  
Tomoaki Ikeda 01/07/2005  
Masashi Miyazawa 01/07/2005

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

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

Name: (1) Sanyo Denki Co., Ltd.  
(2) Intel Corporation

Address: (1) 15-1, 1-chome, Kitaotsuka  
Toshima-ku, Tokyo  
Japan

(2) 3065 Bowers Avenue  
Santa Clara, California 95050  
USA

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

#### 3. Nature of conveyance:

- Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Jan. 7, 2005; Jan. 7, 2005;  
Jan. 7, 2005; Jan. 7, 2005; Jan. 4, 2005;

Execution Date: Jan. 4, 2005; Jan. 4, 2005; Jan. 4, 2005

#### 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)  
11/049353

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: David E. Spaw

Internal Address: Rankin, Hill, Porter & Clark LLP

Street Address: 4080 Erie Street

City: Willoughby State: Ohio Zip: 44094

#### 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:

18-0160


(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.

David E. Spaw  
Name of Person Signing

  
Signature

February 15, 2005  
Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:  
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## RECORDATION FORM COVER SHEET

**PATENTS ONLY**

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February 15, 2005

U.S. Serial No. 11/049353

## 1. Name of conveying party(ies) cont'd:

Kouji Ueno	01/07/2005
Paul J. Gwin	01/04/2005
Brian J. Long	01/04/2005
Peter A. Davison	01/04/2005
Rolf A. Konstad	01/04/2005

## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

### Electronic Component Cooling Apparatus

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that are the subject of an application for a U.S. Patent, (Application No. 11/049353, filed 2/2/2005), which application is further identified as Rankin, Hill, Porter & Clark LLP Docket No. NIS-15812.

WHEREAS, Sanyo Denki Co., Ltd., a corporation of Japan, and having a place of business at 15-1, 1-chome, Kitaotsuka, Toshima-ku, Tokyo, Japan, and Intel Corporation a corporation of Delaware, and having a place of business at 3065 Bowers Avenue, Santa Clara, California 95050, USA, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert on this assignment any identification that 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Masayuki IIJIMA

Signature: Masayuki Iijima

Today's Date: 7 January, 2005

Witness: Keigo Kikuchi

Witness: Rumiko Nishizawa

(2) Inventor Name (joint): Tomoaki IKEDA

Signature: Tomoaki Ikeda

Today's Date: 7 January, 2005

Witness: Michinori Watanabe

Witness: Haruhisa Maruyama

(3) Inventor Name (joint): Masashi MIYAZAWA

Signature: Masashi Miyazawa

Today's Date: 7 January, 2005

Witness: Michinori Watanabe

Witness: Haruhisa Maruyama

(4) Inventor Name (joint): Kouji UENO

Signature: Kouji Ueno

Today's Date: 7 January, 2005

Witness: Michinori Watanabe

Witness: Haruhisa Maruyama

(5) Inventor Name (joint): Paul J. Gwin

Signature: Paul J. Gwin

Today's Date: Jan 4, 2005

Witness: Steven M. Gish 1/4/05

Witness: E. Thomas Severn 1/4/05

(6) Inventor Name (joint): Brian J. Long

Signature: Brian J. Long

Today's Date: 01/04/2005

Witness: Steven M. Gish 1/4/05

Witness: E. Thomas Severn 1/4/05

(7) Inventor Name (joint): Peter A. Davison

Signature: Peter A. Davison

Today's Date: January 04, 2005

Witness: Ang A. Hren 1/04/05

Witness: Edward R. Sanford 1/04/2005

(8) Inventor Name (joint): Rolf A. Konstad

Signature: Rolf A. Konstad

Today's Date: Jan 4, 2005

Witness: Steven M. Gish 1/4/05

Witness: E. Thomas Severn 1/4/05