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FORM PTO-1595

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PCT/PTO 30 JUN 2003  
U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of P  
thereof.

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

MINEHIRO TONOSAKI  
NAOKI SANO  
TAKUYA MAKINOAdditional name(s) of conveying party(ies)  
attached?☐ Yes ☒ No

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

Name: Sony Corporation

Internal Address: \_\_\_\_\_

7-35, Kitashinagawa 6-chomeShinagawa-ku, Tokyo 141, Japan

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Name(s) & Address(es) attached ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_Execution Date May 19 and 21, 2003

## 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:  
5/19/03 and 5/21/03A. Patent Application No.(s) 10250528 B: Patent No.(s)

Attorney Docket No. 09792909-5624

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:SONNENSCHN NATH & ROSENTHAL  
P.O. Box #061080  
Wacker Drive Station  
Sears Tower  
Chicago, IL 60606-1080  
Customer ID No. 26263

## 6. Total number of applications and patents involved

17. Total Fee (37 CFR 3.41 ..... \$ 40.00☐ Enclosed☒ Authorized to be charged to American Express  
Acct. No. 378571697401002. Form 2038 is attached for  
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## 8. Deposit Account Number:

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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 R. Metzger  
Name of Person SigningDavid R. Metzger  
SignatureJune 30, 2003

Date

Total number of pages 2

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

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## ASSIGNMENT

FOR a valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the undersigned,

Minehiro TONOSAKI, Naoki SANO and Takuya MAKINO

whose mailing address(es) is/are: c/o Sony Corporation c/o Sony Corporation c/o Sony Corporation  
7-35, Kitashinagawa 7-35, Kitashinagawa 7-35, Kitashinagawa  
6-chome, Shinagawa-ku 6-chome, Shinagawa-ku 6-chome, Shinagawa-ku  
Tokyo 141-0001, Japan Tokyo 141-0001, Japan Tokyo 141-0001, Japan

hereby sell(s), assign(s) and transfer(s) unto SONY CORPORATION, a corporation of Japan,  
having its principal office at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan,  
the whole right, title and interest in and to a certain invention or improvement in

### COOLER, ELECTRONIC APPARATUS, AND METHOD FOR FABRICATING COOLER

disclosed in an application for Letters Patent of the United States, prepared by the firm of Sonnenschein, Nath & Rosenthal of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. \_\_\_\_\_, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I/We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said SONY CORPORATION.

For the same consideration, I/we hereby agree that I/we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: May 19, 2003

Minehiro Tonosaki  
Minehiro TONOSAKI

DATE: May 21, 2003

Naoki Sano  
Naoki SANO

DATE: May 19, 2003

牧野 拓也  
Takuya MAKINO