

05-16-2003

To the Honorable Director of

and original documents or copy thereof.

1. Name of Conveying party(ies):

HAMADA, Shinji
ETO, Toyohiko

102449565

5-12-03

Address of receiving party(ies)

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD

Internal Address: _____

Street Address: 1006, Oaza-Kadoma, Kadoma-shi,

Osaka 571-8501 JAPAN

City: _____ State: _____ ZIP: _____

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

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: April 15 and 16, 2003

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

10435194

If this document is being filed together with a new application, the execution date of the application is: April 15 and 16, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. Bernstein

Internal Address: P23720

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

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:

19-0089

(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.

Bruce H. Bernstein, Reg. No. 29,027
Name of Person Signing

by Leslie J. Paperna Reg. No. 33,329
Signature

5/12/03
Date

Total number of pages including cover sheet, attachments and document: 4

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

Director of the United States Patent and Trademark Office, Mail Stop Assignments
PO Box 1450 Alexandria, Virginia 22313-1450

15/13/2003 HMARZ11 00000028 10435194

15 FEB 2003

40.00 DP

LISTING OF ADDITIONAL RECEIVING PARTIES

Name: TOYOTA JIDOSHA KABUSHIKI KAISHA

Street address: 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN

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ASSIGNMENT

WHEREAS, **Shinji HAMADA**, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN; and **Toyohiko ETO**, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN, hereinafter referred to as the **ASSIGNORS**, have invented a certain improvement relating to

COOLING DEVICE FOR BATTERY PACK AND RECHARGEABLE BATTERY

for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

AND WHEREAS, **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.**, a corporation organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN; and **TOYOTA JIDOSHA KABUSHIKI KAISHA**, a corporation organized and existing under the laws of Japan, whose post-office address is 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN hereinafter known as the **ASSIGNEES**, are desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said **ASSIGNORS** hereby assign, sell and transfer to said **ASSIGNEES**, their assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said **ASSIGNEES** and their assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said **ASSIGNEES** and their assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said **ASSIGNORS** might or could have held and enjoyed the same, if this assignment had not been made.

AND said **ASSIGNORS** hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said **ASSIGNEES**, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said **ASSIGNORS** authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said **ASSIGNEES**, their assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said **ASSIGNORS**, on the respective dates indicated below.

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Shinji Hamada
Shinji HAMADA

April 15, 2003
Date

Toyohiko Eto
Toyohiko ETO

April 16, 2003
Date