

11-07-2000

REC



10-25-00

101507001

To the Honorable
Please record the attached original documents or copy thereof.

atents:

1. Name of conveying party(ies):
1. Toshiharu Ishikawa
2. Mitsuru Suzuki
2. Name and address of receiving party(ies):
Tyco Electronics. AMP, K.K.
3-5-8, Hisamoto, Takatsu-ku, Kawaskai-shi
Kanagawa, 213-8535
Japan

3. Nature of conveyance: ASSIGNMENT

Execution Date: May 24, 2000

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):
09/573,462

B. Patent No.(s):

Filing Date: May 17, 2000

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

Driscoll A. Nina
Tyco Electronics Corporation
4550 New Linden Hill Road
Suite 450
Wilmington, DE 19808-2952

6. Total number of applications and patents involved: 1

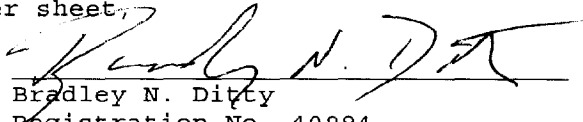
7. Total fee (37 CFR 3.41) \$40
AUTHORIZED TO BE CHARGED TO
DEPOSIT ACCOUNT

8. Deposit Account #23-1950

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.

Total number of pages including cover sheet, attachments, and document: 3


Bradley N. Ditty
Registration No. 40994
Attorney for Applicant(s)
Phone: (302) 633-2749
Date: October 23, 2000

Docket No. 51379

11/07/2000 DNGUYEN 00000106 231950 09573462

01 FC:581 40.00 CH

Record Rev. 9/98

PATENT
REEL: 011205 FRAME: 0520

ASSIGNMENT

I/We, Toshiharu Ishikawa, Mitsuru Suzuki

who reside at

1-20-11-105, Jyogawaracho, Akishima, Tokyo, 196-0011, Japan (T. Ishikawa)

604-32-3101, Nobacho, Kounan, Yokohama, Kanagawa, 234-0056, Japan (M. Suzuki)

have made certain inventions or discoveries (or both) set forth in patent application in Japan entitled

which application was executed by the inventor(s) on the date(s) or execution of this assignment and is identified by The Whitaker Corporation File Number **51379** and **Japanese Patent Application No. 11-135091** filed on **May 17, 1999**.

and Tyco Electronics. AMP, K.K.

whose address is 3-5-8, Hisamoto, Takatsu-ku, Kawasaki-shi, Kanagawa 213-8535, Japan

and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said patent application in Japan, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicted upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct:

4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any or said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosure, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 7th day of May, 1999.

I testimony whereof I/we affixed my/our signatures.

Nobuhiro Yamasaki
(Witness) Nobuhiro
Yamasaki

24 May '00
(Date)

Toshiharu Ishikawa
(Inventor) Toshiharu Ishikawa

24 May '00
(Date)

Takahiro Hatano
(Witness) Takahiro
Hatano

24 MAY '00
(Date)

Akio Oishi
(Witness) Akio
Oishi

24 MAY '00
(Date)

Mitsuru Suzuki
(Inventor) Mitsuru Suzuki

24 MAY '00
(Date)

Tohru Yamamoto
(Witness) Tohru
Yamamoto

24 MAY '00
(Date)