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AP19 Rec'd PCT/PTO 13 AUG 2009

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103571283

Attorney Docket No. 142518

Please record the attached original document or copy thereof.

1. A. Name of conveying parties:

- (1) Kiyoshi HASEGAWA
- (2) Sho MIYAZAKI
- (3) Fujio SONODA

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

2. A. Name and address of receiving parties:

(1) AUTONETWORKS TECHNOLOGIES, LTD.
1-14, NISHISUEHIRO-CHO
YOKKAICHI-SHI, MIE 510-8503
JAPAN

(2) SUMITOMO WIRING SYSTEMS, LTD.
1-14, NISHISUEHIRO-CHO
YOKKAICHI-SHI, MIE 510-8503
JAPAN

(3) SUMITOMO ELECTRIC INDUSTRIES, LTD.
5-33, KITAHAMA 4-CHOME, CHUO-KU
OSAKA-SHI, OSAKA 541-0041
JAPAN

B. Additional name(s) & address(es) attached?
☐ Yes ☒ No

12 449542

3. A. Nature of conveyance:

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

B. Execution Date: (1) July 26, 2009; (2) August 3, 2009; (3) July 17, 2009

4. ☒ This document is being filed together with a new application.

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: SHIELD SHELL

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

Name: James A. Oliff

Address: OLIFF & BERRIDGE, PLC
P.O. Box 320850
Alexandria, VA 22320-4850

6. Total number of applications and patents involved: 1

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

B. Enclosed (Check No. 221004)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.

James A. Oliff

James A. Oliff
Stephen P. Catlin

Registration No. 27,075
Registration No. 36,101

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Date: August 13, 2009

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

ASSIGNMENT

AP19 Rec'd PCT/PTO

13 AUG 2009

12/449542

(1-4) Insert Name(s) of Inventor(s)

(1) Kiyoshi HASEGAWA

(3) Fujio SONODA

(2) Sho MIYAZAKI

(4)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee

(9) AUTONETWORKS TECHNOLOGIES, LTD.

(10) Insert Address of Assignee

(10) 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503 Japan

(9) Insert Name of Assignee

(9) SUMITOMO WIRING SYSTEMS, LTD.

(10) Insert Address of Assignee

(10) 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503 Japan

(9) Insert Name of Assignee

(9) SUMITOMO ELECTRIC INDUSTRIES, LTD.

(10) Insert Address of Assignee

(10) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number

(11) SHIELD SHELL

(Attorney Docket No. 142518)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of

(12) on JULY 26, 2009

Application

(13) Alternative Identification for filed applications

(13) U.S. application Serial Number

filed August 13, 2009

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further 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, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date July 26, 2009

Inventor Signature

Kiyoshi HASEGAWA

(SEAL)

Date

Inventor Signature

Kiyoshi HASEGAWA

(SEAL)

Date

Inventor Signature

Sho MIYAZAKI

(SEAL)

Date

Inventor Signature

Fujio SONODA

(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date

Witness

Date

Witness

PATENT

REEL: 023112 FRAME: 0408

ASSIGNMENT

(1-4) **Insert Name(s) of Inventor(s)**

(1) Kiyoshi HASEGAWA (3) Fujio SONODA

(2) Sho MIYAZAKI (4) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) **Insert Name of Assignee** (9) AUTONETWORKS TECHNOLOGIES, LTD.

(10) **Insert Address of Assignee** (10) 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503 Japan

(9) **Insert Name of Assignee** (9) SUMITOMO WIRING SYSTEMS, LTD.

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(11) **Insert Identification such as Title, Case Number, or Foreign Application Number** (11) SHIELD SHELL

(Attorney Docket No. 142518)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) **Insert Date of Signing of Application** (12) on JULY 17 and AUGUST 03, 2009

(13) **Alternative Identification for filed applications** (13) U.S. application Serial Number _____
filed August 13, 2009

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further 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, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	_____	Inventor Signature	_____ (SEAL)
Date	<u>August 3, 2009</u>	Inventor Signature	<u>Kiyoshi HASEGAWA</u> (SEAL)
Date	<u>July 17, 2009</u>	Inventor Signature	<u>Sho MIYAZAKI</u> (SEAL)
Date	_____	Inventor Signature	<u>Fujio SONODA</u> (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	_____	Witness	_____
Date	_____	Witness	_____