

BOX ASSIGNMENTS

JUN 04 2001

06-08-2001

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TO THE ASSISTANT COMMISSIONER OF
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Naohiro HIROSE

3. Hiroshi SEGAWA

5. Kiyotaka TSUKADA

7. Kouji ASANO

2. Kouta NODA

4. Honjin EN

6. Naoto ISHIDA

8. Atsushi SHOUDA

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: IBIDEN Co., Ltd.

ADDRESS: 1, Kandacho 2-chome, Ogaki-shi, Gifu, 503-0917 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF☒ WHOLE☐ PART INTEREST☐ ORIGINAL☐ FACSIMILE/PHOTOCOPY☐ CHANGE OF NAME☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER☐ OTHER:

EXEC. DATE: February 13, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
09/797,916	276690				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO

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CLIENT NO.

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5.5 ATTY DKT:

P 276690

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MATTER NO.

CLIENT REF.

9.

10. Total number of pages including this
cover sheet, attachments and document
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3

Signature

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: gjp/dlh

TEL: (202) 861-3070

Date: June 4, 2001

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

06/06/2001 HMOHAMM1 00000011 09797916

06 FC:581

40.00 DP

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USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. PW

M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1)Naohiro HIROSE	(2)Kouta NODA
(3)Hiroshi SEGAWA	(4)Honjin EN
(5)Kiyotaka TSUKADA	(6)Naoto ISHIDA
(7)Kouji ASANO	(8)Atsushi SHOUDA
(9)	(10)

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

IBIDEN Co., Ltd.
1, Kandacho 2-chome, Ogaki-shi, Gifu 503-0917 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

MULTILAYERED PRINTED CIRCUIT BOARD AND MANUFACTURING METHOD THEREFOR

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

Line A, B and/or C)

(A) ☐ even date herewith

(B) ☐ on

(C) ☐ in U.S. Appln. No. 1 filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

1) sig → Naohiro Hirse
Name: Naohiro HIROSE
2) sig → Kouta Noda
Name: Kouta NODA
3) sig → Hiroshi Segawa
Name: Hiroshi SEGAWA
4) sig → Honjin En
Name: Honjin EN
5) sig → Kiyotaka Tsukada
Name: Kiyotaka TSUKADA

DATE SIGNED

2001. 2. 13
2001. 2. 13
2001. 2. 13
2001. 2. 13
2001. 2. 13

WITNESSES

Tomohiro Nishikawa
Tomohiro NISHIKAWA
Tomohiro Nishikawa
Tomohiro NISHIKAWA
Tomohiro Nishikawa
Tomohiro NISHIKAWA
Tomohiro Nishikawa
Tomohiro NISHIKAWA

Continued on page 2

Atty Dkt: PW _____
M# _____
Client Ref: _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6):sig →	<u>Naoto Ishida</u>	<u>2001. 2. 13</u>	<u>Tomohiro Nishikawa</u>
Name:	Naoto ISHIDA		Tomohiro NISHIKAWA
7) sig →	<u>Kouji ASANO</u>	<u>2001/2/13</u>	<u>Tomohiro Nishikawa</u>
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8) sig →	<u>Atsushi Shouda</u>	<u>2001. 2. 13</u>	<u>Tomohiro Nishikawa</u>
Name:	Atsushi SHOUDA		Tomohiro NISHIKAWA
9) sig →	<u>Atsushi</u>		
Name:			
10) sig →			
Name:			

end