

TO THE ASSISTANT COMMISSIONER  
SIR: PLEASE RECORD THE ATTACHE

102336121

.EREOF.

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

1. Naohiro HIROSE

3.

5.

7.

2. Honjen EN

4.

6.

8.

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

10/334062  
12/31/03

## 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:

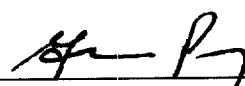
EXEC. DATE: February 13, 2001

10/334062

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) February 13, 20014.5 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* INVENTOR If not in Item 1	B. PATENT NO(S)	M#	1* INVENTOR If not in Item 1
NEW	301124				
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:  Pillsbury Winthrop LLP Intellectual Property Group P.O. Box 10500 McLean, Virginia 22102			6. NUMBER INVOLVED: APPLNS <u>1</u> + PATS <u>0</u> = TOTAL <u>1</u>		
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		
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				CLIENT NO.	
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9.

  
Signature

10. Total number of pages including this  
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2

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: gjp/ml

TEL: 703.905.2161

Date: December 31, 2002

FAX: 703.905.2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

01/10/2003 TDIAZ1 00000160 033975 10334062

01 FC:8021 40.00 CH

Please return signed/recorded to:

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USA Patent Appln.  
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For inventions made outside USA  
executed with or after application

Atty. Dkt. PMS

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) Honjin EN
	(3)	(4)
	(5)	<input type="checkbox"/> x box if continued on page 2

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	Multilayer Build-Up Wiring Board
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for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) ☐ even date herewith  
(Complete) (B) ☐ on \_\_\_\_\_  
line A, B and/or C) (C) ☐ in U.S. Appln. No. \_\_\_\_\_ / \_\_\_\_\_ 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 Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1): Naohiro Hirose Name: Naohiro HIROSE	2001.2.13	Tomohiro Nishikawa Tomohiro NISHIKAWA
2): Honjin EN Name: Honjin EN	2001.2.13	Tomohiro Nishikawa Tomohiro NISHIKAWA
3): Name:		
4): Name:		
5): Name:		