

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Yasuharu Yamada		03/13/2008
Hiroji Yamamoto		03/13/2008
RECEIVING PARTY DATA		
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	New Orchard Road	
City:	Armonk	
State/Country:	NEW YORK	
Postal Code:	10504	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12048989	
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PATENT  
 REEL: 020702 FRAME: 0787

**ASSIGNMENT**

Whereas we,

- |                            |                    |
|----------------------------|--------------------|
| (1) <b>Yasuharu Yamada</b> | of Shiga, Japan    |
| (2) <b>Hiroji Yamamoto</b> | of Shiga, Japan    |
| (3) <b>Shinichi Harada</b> | of Kanagawa, Japan |

have invented certain improvements in: **BOTTOM HEATSLUG EPBGA FOR HIGH THERMAL PERFORMANCE**

and executed a United States patent application therefore on the following date(s):

- |     |                                  |
|-----|----------------------------------|
| (1) | <u>13 / Mar / 2008</u><br>(Date) |
| (2) | <u>13 / Mar / 2008</u><br>(Date) |
| (3) | <u>13 / Mar / 2008</u><br>(Date) |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

**SIGNED:**

LOCATION

DATE

SIGNATURE

- (1) Shiga, Japan 13/Mar/2008 Gasaharu Yamada
- (2) Shiga, Japan 13/Mar/2008 Hiroji Yamamoto
- (3) Kanagawa, Japan 13/Mar/2008 Shinichi Hara