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Additional name(s) of conveying party(ies) attached? No		
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X Assignment Merger Security Agreement Change of Name Other Execution Date: December 27, 2007		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the exect A. Patent Application No.(s) 11/987,980, filed December 6, 2007 Additional number	B. Patent No.(s) , issued	
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document should be mailed:	o. Total number of applications and patents involved. 1	
Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: W. Douglas Hahm, Esq.	7. Total fee (37 CFR 3.41)\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Street Address: 2033 K Street, N.W., Suite 800	Authorized to be charged to deposit account	
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PATENT REEL: 020475 FRAME: 0666

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration

paid to each of the undersigned		
ARAI Kunio		
AOYAMA Hiroshi		
KANAYA Yasuhiko		
the undersigned hereby sell(s) and assign(s) to		
HitachiViaMechanics, Ltd.		
of 2100 Kami-imaizumi Ebina-shi, Kanagawa, Japan		
(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as		
FABRICATION METHOD OF PRINTED CIRCUIT BOARD AND PRINTED CIRCUIT BOARD MACHINING APPARATUS		
for which an application for patent in the United States has been executed by the undersigned		
on		
The undersigned agree(s) to execute all papers necessary in connection with this application		

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

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Date Dec. 27, 2007, Name of the Inventor Kunio Wall Date Dec. 27, 2007, Name of the Inventor Market August Date Dec. 27, 2007, Name of the Inventor Kanaya Kanaya Ysuhiko Date Name of the Inventor Date Name of the Inventor Date Name of the Inventor Name of the Inventor Name of the Inventor Date Name of the Inventor		
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(This assignment should preferably be acknowledged before a United States Conthen the execution by the Inventor(s) should be witnessed by at least two witnesses who		
Witness		
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ACKNOWLEDGMENT		
} ss		
This day of	ted the	
Official Signature SEAL	•	
Official Title	<u> </u>	
Official Title		
Official Title The above application may be more particularly identified as follows:		
Official Title		

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RECORDED: 01/30/2008