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11-16-2005



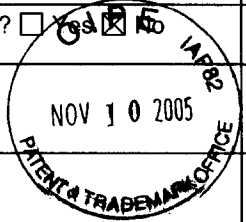
U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 4173.0372-01
Attorney Customer Number: 22,852

To the Director of the U.S. Patent & Trademark Office
Please record the attached original.

103120018

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies): Kabushiki Kaisha Toshiba		2. Name and address of receiving party(ies): Name: Dai Nippon Printing Co., Ltd.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 1-1, Kaga-cho 1-chome, Ichigaya Shinjuku-ku, Tokyo 162-0062 JAPAN	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: [Text]	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: [Text]	Zip Code: [Text]
<input type="checkbox"/> Other: [Describe]		Additional name(s) & Address(es) attached?	
Execution Date: October 17, 2005		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:			
A. Patent Application Number(s):		B. Patent Number(s): 6,865,801	
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and registrations involved: 1	
Name: Richard V. Burgujian		7. Total fee (37 CFR 1.21(h) and 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account 06-0916)	
Street Address: 901 New York Avenue, N.W.		<input type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State:	Zip: 20001-4413	8. Deposit Account No.: 06-0916	
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.			
Richard V. Burgujian			
Reg. No. 31,744		Date: 11/7/05	
Total number of pages including cover sheet, attachments and documents: 3			



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11/15/2005 ECOOPER 00000213 6865801

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PATENT
REEL: 017215 FRAME: 0716

ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA TOSHIBA, a corporation of Japan, whose post office address is 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001, JAPAN [hereinafter referred to as "KKT"], owns, by assignment, all right, title and interest in U.S. Patent No. 6,865,801, entitled Apparatus for Manufacturing a Wiring Board and U.S. patent application No. 11/023,478, filed December 29, 2004, entitled Apparatus for Manufacturing a Wiring Board and Method for Manufacturing a Wiring Board, and in any inventions claimed therein; and

WHEREAS, Dai Nippon Printing Co., Ltd., a corporation of Japan having a place of business at 1-1, Kaga-cho 1-chome, Ichigaya, Shinjuku-ku, Tokyo 162-0062, Japan (hereinafter referred to as "DNP"), desires to own KKT's entire right, title, and interest in and to United States Letters Patent No. 6,865,801 and U.S. patent application no. 11/023,478 and the inventions claimed therein;

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, KKT hereby sells, assigns, transfers and sets over to DNP, its lawful successors and assigns, KKT's entire right, title, and interest in and to U.S. Patent No. 6,865,801, U.S. patent application No. 11/023,478, and the inventions claimed therein and all Letters Patent of the United States which may be granted thereon, and all reissues, reexaminations and extensions thereof; and KKT hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for application No. 11/023,478, its successors and assigns, in accordance with the terms of this Assignment;

AND, KKT HEREBY further covenants that KKT has the full right to convey the interest assigned by this Assignment, KKT will take all action and execute all documents necessary to perfect the interest assigned hereby, and KKT has not executed and will not execute any agreement in conflict with this Assignment;

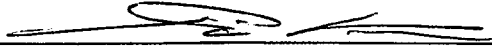
AND, KKT HEREBY further covenants and agrees that KKT, through its officers and employees, will, without further consideration, communicate with DNP, its successors and assigns, any facts known to KKT and its officers and employees respecting U.S. Patent No. 6,865,801 and U.S. patent application No. 11/023,478 and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to U.S. Patent No. 6,865,801 and U.S. patent application No. 11/023,478 in DNP, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid DNP, its successors and assigns, to obtain and enforce U.S. Patent No. 6,865,801 and U.S. patent application No. 11/023,478 in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the DNP, its successors and assigns;

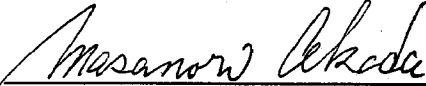
FURTHER, HOWEVER, although U.S. Patent No. 6,865,801 issued from a divisional application of U.S. patent application No. 09/093,605, now U.S. Patent No. 6,507,995, nothing in this Assignment transfers, or is intended to transfer, any ownership rights in U.S. Patent No. 6,507,995 currently owned by KKT.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

KABUSHIKI KAISHA TOSHIBA

Dai Nippon Printing Co., Ltd.,

By 

By 

Name: Taisuke KATO

Name: Masanori AKADA

Title General Manager, Intellectual Property Division

Title General Manager of Intellectual

Date October 17, 2005

Date October 17, 2005
Property Division