

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Terunobu FUNATSU	02/04/2008
Yoshihisa OSAKA	01/22/2008
Hitoshi IKEGAMI	01/28/2008
RECEIVING PARTY DATA	
Name:	Hitachi Via Mechanics, Ltd.
Street Address:	2100, Kamiimaizumi
City:	Ebina-shi, Kanagawa
State/Country:	JAPAN
Postal Code:	243-0488
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12033549
CORRESPONDENCE DATA	
Fax Number:	(202)628-8844
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-624-2500
Email:	wcousins@crowell.com
Correspondent Name:	Crowell & Moring LLP
Address Line 1:	Intellectual Property Group
Address Line 2:	PO Box 14300
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20044-4300
ATTORNEY DOCKET NUMBER:	103551.59865US
NAME OF SUBMITTER:	Richard R. Diefendorf
Total Attachments: 2	
source=59865USAssignment#page1.tif	

OP \$40.00 12033549

500537236

PATENT
REEL: 020934 FRAME: 0623

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Hitachi Via Mechanics, Ltd.
2100, Kamiimaizumi, Ebina-shi, Kanagawa 243-0488, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

Drawing Apparatus

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,
☐ executed on _____,
☒ Serial No. 12/033,549, filed February 19, 2008,
☐ PCT International Application, No.: __, filed __,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Inventor one:
Citizen of: Japan

Terunobu FUNATSU

(Signature of witness (optional))

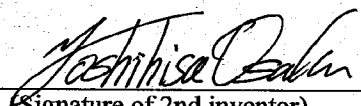
Terunobu Funatsu
(Signature of 1st inventor)

February 4, 2008
(Date)

Inventor two:
Citizen of: Japan

Yoshihisa OSAKA

(Signature of witness (optional))



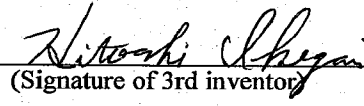
(Signature of 2nd inventor)

January, 22, 2008
(Date)

Inventor three:
Citizen of: Japan

Hitoshi Ikegami

(Signature of witness (optional))



(Signature of 3rd inventor)

Jan, 28th, 2008
(Date)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.