OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
Tab settings ⇔⇔ ♥ , 102	2434978 <u> </u>				
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)				
Yoshihiro SHIBUYA 4.29.0	Name: Seiko Instruments Inc.				
	Internal Address:				
Additional name(s) of conveying party(es) attached? 🏬 Yes 🔯	, No				
3. Nature of conveyance:					
S Assignment	0 1 1 1				
□ Security Agreement □ Change of Na	Street Address: 8, Nakase 1-chome,				
	Mihama-ku, Chiba-shi,				
Cther	City: Chiba State: Japan Zip:				
Execution Date: March 25, 2003	Additional name(s) & address(es) attached?				
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 is:				
A. Patent Application No.(s) 10/017,247	B. Patent No.(s)				
Additional number	bers attached? ☐ Yes ☑ No				
5. Name and address of party to whom corresponde	ence 6. Total number of applications and paterts involved: 1				
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$ 40.00				
Name:Bruce L. Adams					
Internal Address:					
	Authorized to be charged to deposit account				
	any deficiency in enclosed fe				
	8. Deposit account number:				
Street Address: Adams & Wilks					
50 Broadway-31st Floor	01-0268				
City:_New_York_State:_NYZip:_1000	(Attach duplicate copy of this page if paying by deposit account)				
DO NO.	T USE THIS SPACE				
9. Statement and signature.					
To the best of my knowledge and belief, the foreging is a true copy of the original document.	going information is rue and correct and any attached copy				
Bruce L. Adams April 23, 2003					
Name of Person Signing Signature Date Tatal sumber of pages including sover cheef, attachments, and documents: 3					
Total rumber of pages including cover sheet, attachments, and documents:					

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Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

REEL: 013999 FRAME: 0695

ASSIGNMENT

WHEREAS, I, Yoshihiro SHIBUYA, residing at c/o Seiko
Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba,
Japan have invented new and useful improvements in
DYNAMIC FLIP FLOP
for which I have prepared an application for Letters Patent of

AND WHEREAS, Seiko Instruments Inc., located and doing business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

the United States of America;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration to me in hand paid, the receipt of which is hereby acknowledged, I have assigned, sold and transferred and by these presents do hereby assign, sell and transfer unto the said Seiko Instruments Inc. for the territory of the United States of America, my entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by me on February 5, 2002, filed December 13, 2001, Serial No.10/017,247, preparatory to obtaining Letters Patent thereon and in and to any and all divisions, reissues and continuations thereof, and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by the said Seiko Instruments Inc., its legal representatives and assigns, as fully and entirely as the same would have been held by me had this assignment, sale and transfer not been made.

> PATENT REEL: 013999 FRAME: 0696

AND, I hereby covenant and agree that I will at any time upon the request and at the expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and I hereby authorize and request the Honorable Commissioner of Patents and Trademarks to issue the said Letters Patent to the said Seiko Instruments Inc. in accordance with this assignment.

Executed this 25thday of March

	-		
Witness:			
Park H		y Shituya	
		A 9	/T C

, 2003