Commissioner of Patents & Tradenarks	01-08-2	(003	Washington, D.C. 20231
Form PTO-1595 (2) 30 (RECOR			U.S. DEPARTMENT OF COMMERCE U.S. PATENT AND TRADEMARK OFFICE
To the honorable Commissioner of Patents ar.	102331	159	al document or copy thereof:
Name of Conveying Party(ies):	Name and Address of Receiving Party(ies):		
Futoshi YAMAMOTO	Name: NOK Corporation		
	Street Address:	12-15, Shibadain	non 1-chome
	Street Address:		
	City:	Minato-ku	
	State/Country:	Tokyo JAPAN	Postal Code: 105-8585
Additional name(s) of conveying party(ies) attached?	Additional name(s) and add	resses attached? Yes	No p
3. Nature of Conveyance:			
Assignment	☐ Change of Nar	me	301.
Security Agreement	Other:		10/3
☐ Merger	Execution Date:	12062002	J1(
4. Application Number(s) or Patent Number(s):			
Assignment is being filed together with new application and the first execution date of application is:			
Application has been filed already and the application filing date is:			
A. Patent Application Number(s):	B. Issued Patent Nur	mber(s):	19330142
6 (\$1) \$1 (\$1) \$1 (\$1) \$1 (\$2 (\$4\frac{1}{2})\$			1477019
紀記 相紀期 Additional num	nbers attached? Y	es 🔟 No	,
Name and address of party to whom corresponder concerning this matter should be mailed:	nce	6. Total number o tions and paten	
CUSTOMER NUMBER 00136 -or-		7. Total Fee (37 CFR 3.41): \$ 40.00	
JACOBSON HOLMAN PLLC		Enclosed	
400 Seventh Street, N.W. Washington, D.C. 20004-2218		Any deficiencies in enclosed fees are	
Tel. 202-638-6666		authorized to be charged to Deposit Account No. 06-1358.	
Attorney Docket Number: P68510US0			
DO NOT USE THIS SPACE			
8. 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.			
John C. Holman 22,769	VcWolm_		December 30, 2002
Name of Person Signing, Reg. No.	Signature	, , , , , , , , , , , , , , , , , , ,	Date
Total number of pages including cover sheet, attachments, and documents: 2			
JCH 103-2/02			

PATENT REEL: 013623 FRAME: 0724

UNITED STATES OF AMERICA - ASSIGNMENT YAMAMOTO Futoshi (1-5)Insert Name(s) of Inventors (2)(3)(4)(5) In consideration of the surn of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to NOK CORPORATION (6) Insert Name of Assignee (6)of 12-15, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8585 Japan (7)Insert Address of Assignee (7)corporation of Japan (8)Insert Legal Entity and State or (8)(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its Country (e.g., a corporation or territories, dependencies and possessions, in the invention known as citizen of Japan) Insert Identification of Invention, OSCILLATING ACTUATOR (9) (9) such as Title, Case Number or Foreign Application Number for which the undersigned has (have) executed an application for patent in the United States of Insert Date of signing of Said application having been executed/filed on Necember 30, 2002 (and assigned (10)(10)Application, or filing date and Serial No. Serial No., if known 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient. 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims provisions of the International Union for Protection of Industrial Property or similar agreements. 4) 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 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents United States resulting from this application or any continuing or divisional 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. 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including right to sue for, and collect damages for, any and all acts of past and future infringement. 7) The undersigned hereby grant(s) the law firm of Jacobson Holman PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, 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 and Trademark Office for recordation of this document. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). (AMAMOTO Futoshi(SEAL) Dec. 6, 7007 Name of Inventor YAMAMOTO Futoshi Date typed name Name of Inventor Date (SEAL) signature Name of Inventor signature Name of Inventor (SEAL)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

typed name

Name of Inventor

Additional inventor's names and on a separate sheet.

Date

Witness

LAW OFFICES OF

JACOBSON HOLMAN

PROFESSIONAL LIMITED LIABILITY COMPANY
THE JENIFER BUILDING
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

JH 5/01 (Copying without deletions permitted)

RECORDED: 12/30/2002

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signature

signature

(SEAL)