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Akira SHIMIZU	Meguro-ku,	- C = - C =
	Tokyo 153-0063,	25.
	Japan	30.0
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4. Application number(s) or patent number(s)	: Additional name(s)	& address(es) attached? □ Yes ☑ No
		date of the application is: February 13, 2004
	1	
A. Patent Application No.(s) 107914	B. Patent No.(s) Not yet assig	
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PATENT REEL: 015047 FRAME: 0414

Assignment

	Tibbigiantelle		
Whereas, I/We, _YASUHAF	RU NAKAMURA, TAKAHII	RO SASAKI & AKIRA SHIMIZU,	
	Corporation, Kawago	E Kojo, 25-1, Aza Nishimachi	
hereinafter called assignor(s), have a ELECTRONIC APPAR	invented certain improveme:	nts in	
ELECTRONIC APPAR	RATUS /		
and executed an application for Lett February 13, 2004; and	ters Patent of the United Stat	es of America therefor on	
Whereas,	Pioneer Corporat:	ion, of	
	4-1, Meguro 1-cho	4-1, Meguro 1-chome,	
	Meguro-ku, Tokyo	153-0063,	
	Japan		
	- Capan	<u> </u>	
(assignee), desires to acquire invention, and to any United States	•	• •	
Now therefore, for valuable	consideration, receipt where	of is hereby acknowledged,	
I/We the above named assis	mor(s) hereby sell assign a	nd transfer to the above named	
assignee, its successors and assigns,			
invention disclosed therein for the U			
under 35 U.S.C. §119, and I/we requ			
any Letters Patent granted upon the			
successors and assigns; and I/we wi	~ -	•	
necessary by the assignee in connec		~ -	
do so by the assignee.	·		
I/We hereby authorize and re	equest our attorneys SUGHR	RUE MION. PLLC of 2100	
Pennsylvania Avenue, NW, Washin	-		
(Application number	•	•	
, filed			
and application number of said appl	ication when known.		
	- 114364 10.4		
Date: FEB.13, 2004 YASUHA	IRU NAKAMUKA /		
s/ YASUHA	RU NAKAMURA		
Date: FEB. 13.2004 TAKAH	IRO SASAKI		
	RO SASAKI		
Date: Feb. 13. 2009 AKIRA	SHIMIZU		
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