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4. Application number(s) or patent number(s):	47		1
If this document is being filed together with a r			lication is: November 14, 2001
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> PATENT REEL: 012355 FRAME: 0453

Assignment

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		Osaka, Ja	ipan					•
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		•	ū		erest i	n the applicatio	n and invention, and	d to
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Now t	herefore, for v	aluable cons	ideration, re	ceipt whe	reof i	s hereby ackno	wledged,	
l∕We, t	he above nam	ed assignor(s	s), hereby se	ll, assign a	and tra	ansfer to the abo	ove named assignee,	, its
successor	s and assigns	, the entire ri	ght, title and	interest in	the	application and	the invention disclos	sed
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/we reque	st the Commis	ssioner of Pat	ents to issue	any Lette	rs Pat	ent granted upo	n the invention set fo	πħ
n the app	dication to the	e assignee, i	ts successo	rs and as:	signs	and I/we will e	execute without furti	her
considerat	ion all papers o	deemed neces	ssary by the a	assign ee ir	conr	ection with the L	Inited States applicat	ion
when calle	ed upon to do	so by the as	ssignee.	•				
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number		1	filed) the filing	date and applicat	ion
number of	said applicat	tion when kno	own.					
Date:	November 1	.4, s/	Triba	yorki	Jai	yi.		
Date:	November 1 2001	.4, s/	Toshi	yuki _	U,	mehara		
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