FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

12-22-2000



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U.S. Department of Commerce Patent and Trademark Office **PATENT**

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Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date Month Day Year
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Name (line 2)	
Name (line 1) CHO, Sung Hyun	Execution Date Month Day Year 12 01 00
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) Hyundai Electronics no	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Name (line 1) Hyundai Electronics no	dustries Co., Ltd. If document to be reco
Name (line 1) Hyundal Electronics in	is an assignment and receiving party is not domiciled in the United States, an appointment
, ,	is an assignment and receiving party is not domiciled in the United States, an appointment of a domestic representative is attact
Name (line 2)	is an assignment and receiving party is not domiciled in the United States, an appointment of a domestic
Name (line 2) Address (line 1) San 136-1, Ami-ri, Bub Address (line 2) Address (line 3) Kyoungki-do	is an assignment and receiving party is not domiciled in the United States, an appointment of a domestic representative is attact (Designation must be a separate document from Assignment) Republic of Korea
Name (line 2) Address (line 1) San 136-1, Ami-ri, B lb Address (line 2)	is an assignment and receiving party is not domiciled in the United States, an appointment of a domestic representative is attact (Designation must be a separate document fro Assignment) Republic of Korea Slate/Country Zip Code
Name (line 2) Address (line 1) San 136-1, Ami-ri, Bub Address (line 2) Address (line 3) Kyoungki-do City Domestic Representative Name and A	is an assignment and receiving party is not domiciled in the United States, an appointment of a domestic representative is attact (Designation must be a separate document fro Assignment) Republic of Korea State/Country Zip Code
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Pages Enter the total number of pa including any attachments.	ges of the attached conveyance d	ocument # MM 5
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If this document is being filed together with a <u>new</u> Pate signed by the first named executing inventor.	ot Application, enter the date the patent ap	plication was Month Day Year 12 01 00
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(Enter for payment by deposit account or if add [tional fees can be charged to the account.) eposit Account Number:	# 12-0400
	uthorization to charge additional fee	s: Yes No X
Statement and Signature		
To the best of my knowledge and be attached copy is a true copy of the $\mathfrak g$ indicated herein.		
Richard J. Streit	lished the	December 7, 2000
Name of Person Signing Reg. 25765	Signature	Date

PATENT REEL: 011348 FRAME: 0601

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Practitioner's Docket No	PATENT
	For: U.S. and/or Foreign Rights For: U.S. Application or U.S. Provisional Application For: U.S. Patent For: PCT Application By: Multiple Inventors
ASSIGNMENT OF INV	VENTION (MULTIPLE INVENTORS)
	y ASSIGNEE to ASSIGNOR of the sum of One Dollar by acknowledged, and for other good and valuable
ASSIGNORS (Inventors):	107-701, Hyundai Apt., 980, Mojeon-ri, Paeksa-myon
Jae Hak SHIN	[ch'on, Kyoungki-do, Korea
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(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

PATENT REEL: 011348 FRAME: 0602

ASSI	•	ells, assigns and transfers	το
-		Electronics	San 136-1, Ami-ri, Bubal-eub, Ich'on,
-		es Co., Ltd.	Kyoungki-do, Korea
. • .	-	int name of ASSIGNEE)	Address
		ic of Korea	
Nation	nality		
and t	he s	uccessors, assigns and le	gal representatives of the ASSIGNEE
			ete one of the following)
	\boxtimes	the entire right, title and	interest
		- ·	percent (%) interest
for th	e Ur	nited States and its territor	rial possessions
		(check the following box	, if foreign rights are also to be assigned)
		and in all foreign countrie	es, including all rights to claim priority
in and	d to	any and all improvements	which are disclosed in the invention entitled:
		FOR MANUFACTURING FF DISPLAY DEVICE	RINGE FIELD SWITCHING MODE LIQUID
CIXII	JIAL	DISTRAL DEVICE	
		(check and comp	olete (a), (b), (c), (d), (e), (f), or (g))
and v	vhict	n is found in (37 C.F.R. 🚯	3.21)
(a)	\boxtimes	U.S. patent application e	xecuted on even date herewith
(b)		U.S. patent application e	xecuted on
(c)		U.S. provisional application	on naming the above inventor(s) for the above-entitled
		☐ Express mail label ne	o.:
		Mailed:	
		this assignment, I, an hereby authorize ar	C.F.R. § 3.21 for recordal of a ASSIGNOR signing below, and request my attorney to g date and application nummers.
(d)		U.S. application no.	/ filed on
(e)		International application r	no. PCT //
(f)		U.S. patent no.	Issued
			to which correspondence is to be sent regarding patent being sent separately.
		(check (g), if foreign	application(s) is also being assigned)
(g)		and any legal equivalent t	thereof in a foreign country, including the right to claim

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2 of 3)

PATENT REEL: 011348 FRAME: 0603 and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Jae Hak SHIN	J.H. Shim
ype name of Inventor)	Signature of INVENTOR
Sung Hyun CHC	(1/2)

PATENT
RECORDED: 12/07/2000 REEL: 011348 FRAME: 0604

(Assignment of Invention---Multiple Inventors [16-3.2]---page 3 of 3)