07-26-2002 FORM PTO-1595 RECORD U.S. DEPARTMENT OF COMMERCE F____102169867 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Chong-sam CHUNG Young-man AHN Tae-kyung KIM Hea-jung SUH Jong-bae-KIM 07/22/2002 WASFAW1 00000049 10196139 2. Name and Address of receiving party(ies): 03 FC:501 SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu Suwon City, Kyungki-do Republic of Korea 3. Nature of conveyance: _X Assianment Merger Change of Name Security Agreement Other: Execution Date(s): 12 July 2002 Application number(s) or patent number(s): ☐ This document is being filed together with a new application: The execution date(s) of the application is/are: 12 July 2002 (a) The title is:SPHERICAL ABBERATION COMPENSATOR AND OPTICAL PICKUP USING THE (b) SAME OR This document is being filed after filing of the application: Patent Application No(s). __/____, filed _____; or (a) (b) Patent No(s). , issued Name and address of party to whom correspondence concerning document should be mailed: 5. STAAS & HALSEY LLP Our Docket: 1293.1414 Attention: Michael D. Stein 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. Total number of applications and patents involved: 1 Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) 7. **Enclosed** _X_ Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by deposit account) 9. 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., Michael D. Stein, Reg. No. 37,240

Name of Person Signing

DO NOT USE THIS SPACE

Total number of pages including cover sheet: 2

U.S. ASSIGNMENT

SAMSUNG ELECTRONICS CO.,	Undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))		
		<u>.</u>	
416 Maetan-dong, Paldal	-gu, Suwon-city,	Kyungki-do,	
Republic of Korea			
(hereinafter, "ASSIGNEE"), the receipt of which and transfers to ASSIGNEE the entire and exceptible of Invention)	ch is hereby acknowledged lusive right, title and intere	, the undersigned ASSIGNOR hereby sells, assig st to the invention entitled	
SPHERICAL ABBERATION COMPE	NSATOR AND OPTICAL PIC	KUP USING THE SAME	
		·	
(a) executed on	, Any registered a	xecution of application, if not concurrent)	
Serial No;	hereby authorize	Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.	
'enewal, substitute, reissue or reexamination ap	pplication based thereon, fo	on said application and any continuation, division r the full term or terms for which the said Letters ely, hereinafter, "said application(s) and Letters	
	caid ASSIGNEE and without	t charge to but at the average of acid a CCICALES	
The ASSIGNOR agree(s), when requested by to do all acts which the ASSIGNEE may deem protection for said invention, including in the preplatent(s), in any interference, reissue, reexamina which may arise or be declared in relation to said eparate assignments and declarations, taking avidence.	necessary, desirable or exparation and prosecution of sation, or public use proceedine, such acts to include but	pedient, for securing, maintaining and enforcing aid application(s) and the issuance of said Letters ng, and in any litigation or other legal proceeding not be limited to executing all papers, including	
o do all acts which the ASSIGNEE may deem protection for said invention, including in the prep latent(s), in any interference, reissue, reexamina which may arise or be declared in relation to sar eparate assignments and declarations, taking	necessary, desirable or exparation and prosecution of sation, or public use proceedine, such acts to include but all rightful oaths, providing	pedient, for securing, maintaining and enforcing aid application(s) and the issuance of said Letters ng, and in any litigation or other legal.proceeding not be limited to executing all papers, including sworn testimony, and obtaining and producing	
o do all acts which the ASSIGNEE may deem protection for said invention, including in the prep statent(s), in any interference, reissue, reexaming which may arise or be declared in relation to sar eparate assignments and declarations, taking a vidence.	necessary, desirable or exparation and prosecution of sation, or public use proceedine, such acts to include but all rightful oaths, providing	pedient, for securing, maintaining and enforcing aid application(s) and the issuance of said Letters ng, and in any litigation or other legal.proceeding not be limited to executing all papers, including sworn testimony, and obtaining and producing	
o do all acts which the ASSIGNEE may deem protection for said invention, including in the preplatent(s), in any interference, reissue, reexamina which may arise or be declared in relation to sar eparate assignments and declarations, taking a vidence. IN WITNESS WHEREOF, the undersigned inventions.	necessary, desirable or exparation and prosecution of sation, or public use proceedine, such acts to include but all rightful paths, providing entor(s) has (have) affixed to	pedient, for securing, maintaining and enforcing aid application(s) and the issuance of said Letters ng, and in any litigation or other legal.proceeding not be limited to executing all papers, including sworn testimony, and obtaining and producing his/her/their signature(s).	
o do all acts which the ASSIGNEE may deem protection for said invention, including in the preplatent(s), in any interference, reissue, reexamination may arise or be declared in relation to sar eparate assignments and declarations, taking avidence. IN WITNESS WHEREOF, the undersigned inventions.	necessary, desirable or exparation and prosecution of a stion, or public use proceedine, such acts to include but all rightful paths, providing entor(s) has (have) affixed to (Date)	pedient, for securing, maintaining and enforcing aid application(s) and the issuance of said Letters ng, and in any litigation or other legal.proceeding not be limited to executing all papers, including sworn testimony, and obtaining and producing his/her/their signature(s).	
o do all acts which the ASSIGNEE may deem protection for said invention, including in the preplatent(s), in any interference, reissue, reexamination may arise or be declared in relation to sar eparate assignments and declarations, taking avidence. IN WITNESS WHEREOF, the undersigned inventions.	necessary, desirable or exparation and prosecution of sation, or public use proceedine, such acts to include but all rightful paths, providing entor(s) has (have) affixed to (Date) 12 July 2002	pedient, for securing, maintaining and enforcing aid application(s) and the issuance of said Letters ng, and in any litigation or other legal.proceeding not be limited to executing all papers, including sworn testimony, and obtaining and producing his/her/their signature(s).	

12 July 2002

PATENT REEL: 013113 FRAME: 0132

RECORDED: 07/17/2002