06-28-1999	ATTORNEY DOCKET NO: AB-819
101077002	U.S. DEPARTMENT OF COMME DVER SHEET Patent and Trademark O LY
To the Honorable Commissioner of Patents and Trademarks. Please	e record the attached original documents or copy thereof.
 Name of conveying parties: (a) Hae-Moon Choi (b) Sung-Tae Kim (c) Hyun-Kuk Ko (d) Dae-Moon Kim Additional name(s) of conveying party(ies) attached? Yes No 	2. Name and address of receiving party(ies): Name: Samsung Electronics Company, Ltd. Internal Address: Street Address: 416, Maetan-dong, Paldal-ku, Suwon, Kyunggi-do Republic of Korea
3. Nature of Conveyance:	
Assignment Merger Security Agreement Change of Name	City State ZIP Additional name(s) & address(es) attached? Yes r
Other Execution Date: June 11, 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application	09334133 , the execution date of the application is: June 11, 1999
A. Patent Application No.(s) -	B. Patent No.(s)
A. Patent Application No.(s) - Title: Wafer Clamp For A Heater Assembly C-15-29 Additional number	
Title: Wafer Clamp For A Heater Assembly C-15-29 Additional number 5. Name and address of party to whom correspondence	ers attached?
Title: Wafer Clamp For A Heater Assembly C-/5-29 Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David T. Millers	
Title: Wafer Clamp For A Heater Assembly C-/5-29 Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David T. Millers	ers attached?
Title: Wafer Clamp For A Heater Assembly C-15-29 Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David T. Millers Internal Address: SKJERVEN, MORRILL, MacPHERSON, FRANKLIN & FRIEL LLP	ers attached? Yes No 6. Total number of applications and patents involver: 1
Title: Wafer Clamp For A Heater Assembly C-15-29 Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Additional number Name: David T. Millers Internal Address: SKJERVEN, MORRILL, MacPHERSON, FRANKLIN & FRIEL LLP Street Address: 25 METRO DRIVE, SUITE 700	ers attached? Yes No 6. Total number of applications and patents involve: 1 7. Total fee (37 CFR 3.41):
Title: Wafer Clamp For A Heater Assembly C-15-99 Additional number Additional number Additional number Street Address: Street Address: Street Address: 25 METRO DRIVE, SUITE 700 City State CA ZIP 95110	ers attached? Yes No 6. Total number of applications and patents involver: 1 7. Total fee (37 CFR 3.41): \$40.00 Authorized to be charged to Deposit Account 19-2386 Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account
Title: Wafer Clamp For A Heater Assembly C-15-99 Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Additional number 5. Name and address: State MacPHERSON, FRANKLIN & FRIEL LLP Street Address: 25 METRO DRIVE, SUITE 700 City SAN JOSE State CA ZIP 95110 //1999 JSHABAZZ 00000034 13838 38204 131 DO NOT	ers attached? Yes No 6. Total number of applications and patents involve 7. Total fee (37 CFR 3.41):

PATENT REEL: 010047 FRAME: 0549

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ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Hae-Moon Choi	of	15-301, Woojoo town, 167-6, Matan 1-dong, Paldal-ku, Suwon, Kyunggi-do, Republic of Korea
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Hyun-Kuk Ko	- of	199-8, Woncheon-dong, Paldal-ku Suwon, Kyunggi-do, Republic of Korea
	-	San 7-1, Nongseo-ri, Kiheung-eub,
Dae-Moon Kim	of	Yongin-kun, Kyunggi-do, Republic of Korea

hereby sell, assign and transfer to Samsung Electronics Company, Ltd., a Korean corporation, having a place of business at 416, Maetan-dong, Paldal-ku, Suwon, Kyunggi-do, Republic of Korea, its successors and assigns, the entire right, title and interest throughout the world in our invention in

Wafer Clamp For A Heater Assembly

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the abovenamed assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the abovenamed assignee, its successors and assigns.

Executed this <u><i>II</i></u> day of	JUNE	, 19 '<i>i</i>4 .
		Hav-Moon choi
		Hae-Moon Choi
Executed this 11 th day of	June	, 19 <u>9</u> 7.
		Sung-Tae Kim
		Sung-Tae Kim

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PATENT REEL: 010047 FRAME: 0550

<u>НҮШ КИК КО</u> Нушл-Кик Ко

Executed this <u>11</u> day of $\mathcal{T}UNE$, 19 \mathcal{P}_1 .

<u>Dae-Mocn Kim</u> Dae-Moon Kim

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RECORDED: 06/15/1999

PATENT REEL: 010047 FRAME: 0551