Docket No.: SEC.365

FORM PTO-1595 (Modified) (Rev. 6-93)	 06-30-1	998 ET	U.S. DEPARTMENT OF COMMERCE
OMB No 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02			Patent and Trademark Office
Tab settings → → ▼	1007506	319	—
To the Honorable Commissioner of the Honorable Commissioner of the Lorentz of the Honorable Commissioner of the Lorentz of the	JUN 2 1998	2. Name and address of recond the attached on 2. Name and address of recond the SAMSUNG ELECTRIC Address: 416, Maetan-do	CTRONICS CO., LTD.
3. Nature of conveyance:			
🛮 Assignment	☐ Merger		
☐ Security Agreement	☐ Change of Name	City: Kyungki-do	State/Prov.:
Other		Country: Republic of Koro	ea ZIP
Execution Date: February 3, 1998		Additional name(s) & address(es)	☐ Yes ☑ No
Application number(s) or registra If this document is being filed tog	* *	, the execution date of the app	lication is:
Patent Application No. F	Filing date	B. Patent No.(s)	100 C 100 C
09/044,905 M	arch 20, 1998		
5. Name and address of party to wh concerning document should be	The state of the s	Yes 🛛 No	ons and patents involved:
Name: RAYMOND C. JONES		7. Total fee (37 CFR 3.41): .	\$ 40.00
Registration No. 34,631 Address: 12200 SUNRISE VALI	LEY DRIVE, SUITE 150	⊠ Enclosed - Any exces credited or debited to	s or insufficiency should be
City: RESTON	State/Prov.: VA	8. Deposit account number	
06/36/1998 BENITES 00000024 0904490	ZIP: 20191	50-0238	And the second of the second o
A4 70 704	0.00 OP DO NOT	USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and of the original document. RAYMOND C. JONES	I belief, the foregoing inform	ation is true and correct and ar	ny attached copy is a true copy JUNE 22, 1998
Name of Person Signing		Signature PATE	Date
Tagine of Leison organing	Total number of pages including		N 13

JONES & VOLENTINE L.L.P. (1/97)	ASSIGNMENT
	In consideration of the sum of One Dollar $(\$1.00)$ and other good and valuable consideration paid to each of the undersigned
	Jong-won KIM
Insert Name(s) of Inventor(s)	Young-jin CHOI
	Po-seong PARK and
	Jun-young KO
Yourset Names(a)	the undersigned hereby sell(s) and assign(s) to
Insert Name(s) of Assignee(s)	SAMSUNG ELECTRONICS CO., LTD.
Address	of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
Title of Invention	APPARATUS FOR CUTTING TIE BARS OF SEMICONDUCTOR PACKAGES
	for which an application for patent in the United States of America has been executed by the undersigned
Date of Signing of Application	on Feb 3,1998
	The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
	The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
	The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
	The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
	The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

Page 1 of 2

•			es Patent Office for recordation of this documen
In witness whereof, ex	ecuted by the undersig	ned on the date(s) op	posite the undersigned name(s).
Date FEB 3, 1992	_, Name of Inventor	JONG-WON	KIW(
Date Fob 2 / 1998	. Name of Inventor	Jong-won KIM	chat
Date / entr	Name of Inventor	Young-jin CHOI	1352
rate Patricians 9 193	Name of Inventor	Po-seong PARK	chat 1300/s
Date	Name of Inventor	Jun-young KO	
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