	-08-1998
FORM PTO-1595 (Rev. 6-93) REC OMB No. 0651-0011 (exp. 4/94)	IEET U.S. DEPARTMENT OF COMMER Patent and Trademark O
Tab settings □ □ □ ▼	0824177 ▼ ▼ ₹
	narks: Please record the attached original documents or copy themes
1. Name of conveying party(ies): BINGXUE SHI GU LIN	2. Name and address of receiving party(ies) Name: WINBOND ELECTRONICS CORP
Additional name(s) of conveying party(ies) attached? Yes No	Address: No. 4, Creation Rd. III Science-Based Industrial Park,
3. Nature of conveyance:	Hsinchu, Taiwan, R.O.C.
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of N	ame
□ Other	City: Hsinchu Country: Taiwan, R
Execution Date: 18 June 1998	Additional name(s) & address(es) attached?
A. Patent Application No.(s) 09/138650	B. Patent No.(s)
09/138650 Additional num 5. Name and address of party to whom correspondence	B. Patent No.(s) bers attached? Q Yes X No 6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed:	bers attached? □ Yes OX No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: MORTON J. ROSENBERG, ESQ.	bers attached? □ Yes OX No
Additional num 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MORTON J. ROSENBERG, ESQ. Internal Address: ROSENBERG, KLEIN &	bers attached? Q Yes OI No 6. Total number of applications and patents involved:
Additional num 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MORTON J. ROSENBERG, ESQ. Internal Address: ROSENBERG, KLEIN & BILKER	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$
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Additional num 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MORTON J. ROSENBERG, ESQ. Internal Address: ROSENBERG, KLEIN & BILKER 1998 SCHIPMIN 00000043 09138650 Street Address: 3444 ELLICOTT CENTER DRI SUITE 105 City: ELLICOTT CITYState: MD ZIP: 2104	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account VE 8. Deposit account number:
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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

erations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby dassign, transfer and set over to Winbond Electronics Corp. (6) No. 4, Creation Rd. III, Science-Based Industrial Park, (7) Insert address of Assignee (8) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (8) EXPANDABLE CURRENT SORTER [Foreign Application of Case No.] [Foreign Application of Case No.]	divisional or reissue application Assignee may deem necessary o 2) The undersigned agree concerning this application or sible in obtaining evidence and g 3) The undersigned agree States patent to the Assignee. 4) The undersigned agree ting the invention and improve ceedings regarding the invention 5) The undersigned neret the United States resulting from signee, as Assignee of the entir herein assigned, and that he has 6) The undersigned heref identification which may be ne cordation of this document. 7) This Assignment shall benefit of the heirs, executors, a In witness whereof, execu- (1) Date Jun 18, 1938 (2) Date Jun 18, 1938	r expedient or essential to its full protection and title in and to the invention hereby transferred (s) to execute all papers necessary in connection with any interference which may be declar continuation or division or re-issue thereof and to cooperate with the Assignee in every way peoing forward with such intereference. (s) to perform all affirmative acts which may be necessary to obtain a grant of a valid Unit (s) to communicate to the Assignee or representatives thereof any facts known to me (us) respensents thereof, and will, upon request, but without expense to me (us), testify in any legal probability authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents in said application or any division or divisions or continuing applications thereof to the said A e interest, and hereby covenants that he has (they have) full right to convey the entire interest (they have) not executed and will not execute, any agreement in conflict herewith. By grant(s) the firm of Rosenberg, Klein & the power to insert on this assignment any furth recessary or desirable in Billier to comply with the rules of the United States Patent Office for the binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the daministrators, successors and/or assigns of the Assignee. Name of Inventor Name of Inventor Name of Inventor
15 In consideration of the sum of one collar (\$1.00) and other good and valuable comerations pand to each of the sum of one collar (\$1.00) and other good and valuable comerations pand to each of the undersigned, me undersigned agreeds to assign, and hereby disagn, transfer and set over to 16 Mainton memoral Alangues (b) Withouth Electronics Corp. No. 4, Creation Rd. TH, Science-Based Industrial Park Hsinchit, Taiwan, R.O.C. Cheminater designated as the Assignee) the entire right, title and interest for the United States in the interest of the Constitution of America (8) Insert identification of Interest and any Letters Patent which may be granted therefor, known as interest and any Letters Patent which may be granted therefor, known as Interest for the United States in the Interest of America (8) Insert identification of Interest and Interest Interest in Interest Inte	divisional or reissue application Assignee may deem necessary of 2) The undersigned agree concerning this application or estable in obtaining evidence and grade States patent to the Assignee. 4) The undersigned agree ting the invention and improve ceedings regarding the invention 5) The undersigned nereting the United States resulting from signee, as Assignee of the entire herein assigned, and that he has 6) The undersigned hereindentification which may be necordation of this document. 3) This Assignment shall benefit of the heirs, executors, and the heirs had been and the heirs, executors, and the heirs had been and the heirs. 1) Date Jun 18, 1988	r expedient or essential to its full protection and title in and to the invention hereby transferred (s) to execute all papers necessary in connection with any interference which may be declar continuation or division or re-issue thereof and to cooperate with the Assignee in every way proposed forward with such intereference. (e) to perform all affirmative acts which may be necessary to obtain a grant of a valid Unit (s) to communicate to the Assignee or representatives thereof any facts known to me (us) response ments thereof, and will, upon request, but without expense to me (us), testify in any legal proposed and application or any division or divisions or continuing applications thereof to the said Assignee interest, and hereby covenants that he has (they have) full right to convey the entire interest (they have) not executed and will not execute, any agreement in conflict herewith. (by grant(s) the firm of combiners, Klein & the power to insert on this assignment any further exessary or desirable in Solder to comply with the rules of the United States Patent Office for the binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the diministrators, successors and/or assigns of the Assignee. Name of Inventor Name of Inventor Name of Inventor
In consuleration of the sum of one dollar (\$1.00) and other good and valuable come crations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby disasguit, transfer and set over to Winbord Electronics Corp. No. 4, Creation Rd. 111, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C. (hereinafter designated as the Assignee) the entire right, title and interest for the Unitates, its ferritories, deependences and possessions, in the avention, and all applications patent and an Letters Patent which may be granted therefor, known as patent and an Letters Patent which may be granted therefor, known as patent and an an Letters Patent which may be granted therefor, known as patent and an an Letters Patent which may be granted therefor, known as patent and an an Letters Patent which may be granted therefor, known as patent and an interest for the Unitate Standard Number. (8) Insert identification of foreign Application of Foreign Application of Foreign Application of Foreign Applications of Foreign	divisional or reissue application Assignee may deem necessary o 2) The undersigned agree concerning this application or of sible in obtaining evidence and of the states patent to the Assignee. 4) The undersigned agree ting the invention and improve ceedings regarding the invention 5) The undersigned nereby the United States resulting from signee, as Assignee of the entire herein assigned, and that he has 6) The undersigned herein identification which may be necordation of this document. 7) This Assignment shall benefit of the heirs, executors, a lin witness whereof, executors.	rexpedient or essential to its full protection and title in and to the invention hereby transferred (s) to execute all papers necessary in connection with any interference which may be declar continuation or division or re-issue thereof and to cooperate with the Assignee in every way proposed forward with such intereference. Let (s) to perform all affirmative acts which may be necessary to obtain a grant of a valid Unit (s) to communicate to the Assignee or representatives thereof any facts known to me (us) respense to the communicate to the Assignee or representatives thereof any facts known to me (us) respense to the thereof, and will, upon request, but without expense to me (us), testify in any legal proposed and proposed to the Commissioner of Patents to issue any and all Letters Patents in said application or any division or divisions or continuing applications thereof to the said A te interest, and hereby covenants that he has (they have) full right to convey the entire interest (they have) not executed and will not execute, any agreement in conflict herewith. By grant(s) the firm of Rosenberg, Klein & the power to insert on this assignment any further to comply with the rules of the United States Patent Office for a doministrators, successors and/or assigns of the Assignee. Let do by the undersigned on the date(s) opposite the undersigned name(s).
(a) (in consideration of the sum of one dollar (\$1.00) and other good and valuable come erations pad to each of the undersigned, the undersigned agree(s) to assign, and hereby dissign, transfer and set over to Winbord Electronics Corp. (b) (in centiliname of Assignee) (ii) (in consideration of the sum of one dollar (\$1.00) and other good and valuable come erations pad to each of the undersigned, the undersigned agree(s) to assign, and hereby dissign, transfer and set over to Winbord Electronics Corp. (No. 4, Creation Rd. III, Science-Based Industrial Park, Ilsinchus, Taiwan, R.O.C.) (thereinafter designated as the Assignee) the entire right, title and interest for the United States. Its territories, deependences and possessions, in the avention, and all applications patent and an Letters Patent which may be granted therefor, known as patent and an Letters Patent which may be granted therefor, known as patent and an Letters Patent which may be granted therefor, known as for American Application Vinter of American Case Number for which the undersigned has (have) executed an application for patent in the United State of American Case Number filled. (10) U.S. application Serial Number filled. (11) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing divisional or reissue applications thereof and allos to execute all papers necessary in connection with the application and applications thereof and allos to execute all papers necessary in connection with such applications as Assignee may Jeen necessary or expedient or execute all papers necessary in connection with the application and applications thereof and discrete contemination of continuation or continuation on division or reissue thereof and to cooperate with the Assignee in every way public in obtaining evidence and going (orward with such interference. 3) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) response to the Assignee. 4) T	divisional or teissue application Assignee may deem necessary o 2) The undersigned agree concerning this application or of sible in obtaining evidence and of 3) The undersigned agree States patent to the Assignee. 4) The undersigned agree ting the invention and improve ceedings regarding the invention 5) The undersigned nereb the United States resulting from signee, as Assignee of the entire nerein assigned, and that he has 6) The undersigned hereb identification which may be ne cordation of this document. 7) This Assignment shall benefit of the heirs, executors, a In witness whereof, execu-	rexpedient or essential to its full protection and title in and to the invention hereby transferred (s) to execute all papers necessary in connection with any interference which may be declar continuation or division or re-issue thereof and to cooperate with the Assignee in every way proposed forward with such intereference. Let (s) to perform all affirmative acts which may be necessary to obtain a grant of a valid Unit (s) to communicate to the Assignee or representatives thereof any facts known to me (us) respense to the communicate to the Assignee or representatives thereof any facts known to me (us) respense to the thereof, and will, upon request, but without expense to me (us), testify in any legal proposed and proposed to the Commissioner of Patents to issue any and all Letters Patents in said application or any division or divisions or continuing applications thereof to the said A te interest, and hereby covenants that he has (they have) full right to convey the entire interest (they have) not executed and will not execute, any agreement in conflict herewith. By grant(s) the firm of Rosenberg, Klein & the power to insert on this assignment any further to comply with the rules of the United States Patent Office for a doministrators, successors and/or assigns of the Assignee. Let do by the undersigned on the date(s) opposite the undersigned name(s).
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