07-14-1998

)ocket No.: 6762-101

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Additional names(s) of conveying party(es) attached?		Name: TAIWAN ADVANCED SENSORS CORP.
Additional names(s) of conveying party(ies) attached?		Address: 12th Floor, No. 214, Section 1, 2
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Merger  □ Security Agreement □ Change of Name  □ Other  Execution Date: 9 Junc 1998  4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is: 9 June 1998  Patent Application No. Filing date  Additional numbers attached? □ Yes ☒ No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Michael S. Elkind  Registration No. 28,710  Address: FULBRIGHT & JAWORSKI L.L.P.  865 S. Figuerea Street  Twenty Ninth Floor  City: Las Angeles  State/Prov.:  Additional numbers attached? □ Yes ☒ No  6. Total number of applications and patents involved: □  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  8. Deposit account primber:  50-0337  Do Not use This SPACE  7/1/1/1998 DOBITS 00000049 500337 99103959  19-CANglement and supplications and patents involved: □  Do Not use This SPACE  7/1/1/1998 DOBITS 00000049 500337 99103959  19-CANglement and supplications and patents involved: □  B. Patent No.(s)  6. Total number of applications and patents involved: □  Execution Date: 9 June 1998  Additional numbers (a) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Additional name(e) & address(ee) attached? □ Yes ☒ No  Ad	3. Nature of conveyance:	7000
Country: TAIWAN ZIP:  Additional name(s) & address(es) attached? Yes 100 No  4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is: 9 June 1998  Patent Application No. Filling date  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Michael S. Elkind  Registration No. 28,710  Address: FULBRIGHT & JAWORSKI L.L.P.  865 S. Figueroa Street  Twenty Ninth Floor  City: Los Angeles  Country: US  ZIP:  Additional name(s) & address(es) attached? Yes 100 No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41):	☑ Assignment ☐ Merger	
Additional name(s) & address(es) attached?	☐ Security Agreement ☐ Change of Name	City: Taipei State/Prov.:
4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is: 9 Junc 1998  Patent Application No. Filling date  B. Patent No.(s)  Additional numbers attached?  Yes  No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Michael S. Elkind  Registration No. 28,710  Address: FULBRIGHT & JAWORSKI L.L.P.  865 S. Figueroa Street  Twenty Ninth Floor  City: Los Angeles  Country: US  ZIP: 90017-2576  DO NOT USE THIS SPACE  7/14/1998 DOBATES 00000040 500337 09103959  19(CS)glement and sagnature.  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 S. Elkind  Name of Person Signing  Signature  2 Date	☐ Other	Country: TAIWAN ZIP:
Patent Application No. Filing date  Additional numbers attached?  B. Patent No.(s)  Additional numbers attached?  No. Section	Execution Date: 9 June 1998	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Patent Application No. Filing date  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Michael S. Elkind  Registration No. 28,710  Address: FULBRIGHT & JAWORSKI LL.P.  865 S. Figueroa Street  Twenty Ninth Floor  City: Los Angeles  Country: US  ZIP: 90017-2576  Do Not Use This space  7/14/1998 Doubles 00000040 500337  Do Not Use This space  7/14/1998 Doubles 00000040 500337  Do Not Use This space  7/14/1998 Doubles 00000040 500337  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 S. Elkind  Name of Person Signing  Signature  24 June 1998  Name of Person Signing		
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Country: US ZIP: 90017-2576  DO NOT USE THIS SPACE  7/14/1998 DC00TES 00000040 500337 09103959  19cStatement analysignature.  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 S. Elkind  Name of Person Signing  Signature  24 June 1998  Date		8. Deposit account number:
DO NOT USE THIS SPACE  14:1938 DCDATES 00000040 500337 09103959  14:1938 pcdates 00000040 500337 09103959  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 S. Elkind  Name of Person Signing  Do NOT USE THIS SPACE  24 June 1998  Signature  Date	,	50-0337
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Michael S. Elkind  Name of Person Signing  Signature  24 June 1998  Date		
1 L	// \	24 June 1998

Docket No.: 6762-101

## ASSIGNMENT

WHEREAS, WE Lee, Sywe N. of Taipei, Taiwan

(Name and address of the Inventor)

(hereinafter referred to as ASSIGNER), has invented and own a new and useful invention entitled

## AUTOCALIBRATION OF THE A/D CONVERTER WITHIN THE CMOS TYPE IMAGE SENSOR

for which an application for United States letter Patent is filed concurrently and WHEREAS

## Taiwan Advanced Sensors Corporation

a corporation organized under the laws of Taiwan

and having a place of business at 12th FL, No. 214, Sec. 1, Ho Pin East Rd., Taipei, Taiwan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right and exclusive right, title and interest in and to the said invention in the United States and throughout the world, and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged. ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

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

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purpose hereof at no expense to ASSIGNOR.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the said United States Letters Patent to ASSIGNEE, its successors and assigns.

ASSIGNOR hereby appoints Billy A. Robbins. 18.313; Robert Berliner, 20,121; M. John Carson, 25,090; Margaret A. Churchill, 39,944; Michael S. Elkind, 28,710; John M. May, 26,200; Lisa Partain, 40,763; Pete A. Smits, 29,036 all partners and associates of FULBRIGHT & JAWORSKI, LLP, associate attorneys in said application, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date Inventor's signature Printed Name of Inventor

PATENT RECORDED: 06/24/1998 REEL: 9298 FRAME: 0186