5-24-02

1. Names of conveying parties: 1) ARI Service, Inc.

TO THE ASSISTANT COMMISSIONER FC

05-24-2002



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EET

al documents or copy thereof.

	•			
2.	Name and address of receiving party: Name: Samsung Electronics America, Inc.			
	Street Address: 105 Challenger Road, Ridgefield Park			
	New Jersey 07660-0511			
	Additional name(s) of receiving party(ies) attached?			
	() Yes (X) No			

Additional name(s) of conveying party(ies) attached? () Yes (X) No

Nature of conveyance:

- (X) Assignment
- () Merger
- () Security Agreement
- () Change of Name
- () Other:

Execution Dates:

1) May 16, 2002

Application number or Patent number:

- Application filed herewith () **Execution Dates:**
- Patent Application No. SEE ATTACHED LIST (X) Filing Date: SEE ATTACHED LIST
- Patent No. SEE ATTACHED LIST (X) Issue Date: SEE ATTACHED LIST

Additional numbers attached? (X) Yes

() No

Name and address of party to whom correspondence concerning document should be mailed:

Jerry T. Sewell Name:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: ASTRP.461GEN

7. Total fee (37 CFR 3.41): \$160

(X) Enclosed

- Authorized to be charged to deposit account 0
- Deposit account number: 11-1410

Please charge this account for any additional fees which may be

required, or credit any overpayment to this account.

Total number of applications and patents involved: 4 6.

Statement and signature. 9.

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.

Jerry T. Sewell

Name of Person Signing

31,567

Registration No.

1. Sewell

Total number of pages including cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:

00000188 5103498

01 FC:581

160.00 OP

JTS-14129.DOC:ke 20020521

Assistant Commissioner for Patents Attention: Assignment Division Crystal Gateway-4 1213 Jefferson Davis Highway, Suite 320 Arlington, Virginia 22202

LIST OF ASSIGNED PATENTS AND APPLICATIONS

U.S. Patent No. 5,103,498	Issued: April 7, 1992	Status: Surrendered in Reissue Application	ASTRP.235A
U.S. Pat. Appl. No. 08/223,620	Filed: April 6, 1994	Status: Abandoned	ASTRP.235RA
U.S. Patent No. RE37,431	Issued: October 30, 2001	Status: Active	ASTRP.235RC1
U.S. Pat. Appl. No. 09/375,867	Filed: August 17, 1999	Status: Pending	ASTRP.235RC2

JTS-14049.DOC 20020515/1

Attorney Docket No: ASTRP.461GEN

Page 1 of 2

ASSIGNMENT OF U.S. PATENTS AND PATENT APPLICATIONS

WHEREAS, ARI Service, Inc., a dissolved California corporation, having its place of business at 3351 Michelson Drive, Suite 250, Irvine, California 92612, (hereinafter "ASSIGNOR"), was the sole shareholder of AST Innovations, Inc., a dissolved Delaware corporation, and is the successor in interest to all assets of AST Innovations, Inc., by resolution of the Board of Directors of AST Innovations, Inc., and by a Bill of Sale executed in accordance with the resolution;

WHEREAS, ASSIGNOR represents and warrants that, as successor in interest to AST Innovations, Inc., and in accordance with the Bill of Sale, ASSIGNOR became the sole owner, of the entire right, title, and interest in and to the United States patents and patent applications specified in the list attached hereto (hereinafter "the Patents and Patent Applications") owned by AST Innovations, Inc., as evidenced by an Assignment to AST Innovations, Inc., recorded at Reel 7492, Frame 0025;

WHEREAS, by resolution of the Board of Directors of ASSIGNOR, assets of ASSIGNOR, including the Patents and Patent Applications, were transferred to ASSIGNOR's parent corporation, **Samsung Electronics America**, **Inc.**, a New York corporation, having its principal place of business at 105 Challenger Road, Ridgefield Park, New Jersey 07660-0511 (hereinafter "ASSIGNEE");

WHEREAS, the undersigned officer of ASSIGNOR, proceeding under the provisions of California Corporation Code § 2010, is authorized to execute this Assignment on behalf of ASSIGNOR to confirm the transfer of the ownership of the Patents and Patent Applications to ASSIGNEE;

NOW, THEREFORE, in accordance with the resolution of the Board of Directors, ASSIGNOR hereby acknowledges and confirms that it has sold, assigned, transferred and conveyed unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the improvements, and the Patents and Patent Applications and all Patents that may be granted on the Patent Applications, including all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for the improvements or for the Patents and Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for the improvements and all Letters Patents resulting from the Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Assignment.

ASSIGNOR also acknowledges and confirms that it has sold, assigned, transferred and conveyed to ASSIGNEE, its successors, legal representatives, and assigns, all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but

Attorney Docket No: ASTRP.461GEN

Page 2 of 2

not limited to, the right to sue for, collect, and retain damages for past infringements of all the Patents and any patents issuing from the Patent Applications.

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR respecting the Patents and Patent Applications immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce the patents and any Letters Patents resulting from the Patent Applications in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 16th day of

ARI SERVICE, INC.

Yong Soon Ihm, Secretary

COUNTY OF Middlesse

On 16 Mach 2002, before me, Kristin Me lendy, personally appeared Yong Soon Ihm, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

RECORDED: 05/24/2002

[SEAL]