

5-24-02



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TO THE ASSISTANT COMMISSIONER FC

102102486

Mail documents or copy thereof.

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

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 conveying party(ies) attached?
 Yes No

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Dates:
1) May 16, 2002

4. Application number or Patent number:

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

Additional numbers attached? Yes No

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

Name: Jerry T. Sewell
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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 4

9. Statement and signature.

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

Jerry T. Sewell
Signature

MAY 21, 2002
Date

31,567
Registration No.

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

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

05/24/2002 8BYRNE 00000188 5103496
01 FC:581 160.00 OP

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

JTS-14129.DOC:ke
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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

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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

