

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Intrinsity, Inc.		02/07/2007	CORPORATION: TEXAS

RECEIVING PARTY DATA

Name:	Adams Capital Management III, L.P.
Street Address:	211 Ranch Road, 620 South
City:	Austin
State/Country:	TEXAS
Postal Code:	78734
Entity Type:	LIMITED PARTNERSHIP: DELAWARE

PROPERTY NUMBERS Total: 11

Property Type	Number	Word Mark
Registration Number:	2708216	ADAPTIVE SIGNAL PROCESSOR
Registration Number:	2738968	FAST14
Registration Number:	2780706	FASTMATH
Registration Number:	2906315	FASTMATH-LP
Registration Number:	2801275	IN
Registration Number:	2832962	IN
Registration Number:	2769500	INTRINSITY
Registration Number:	2728084	INTRINSITY
Registration Number:	2748597	INTRINSITY
Registration Number:	2765942	ION RING
Registration Number:	2799110	NDL

CORRESPONDENCE DATA

Fax Number: (412)562-1041

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

CH \$290.00 2708216

Phone: 412-392-2126
Email: vicki.cremonese@bipc.com
Correspondent Name: Jane Hepner
Address Line 1: 301 Grant Street
Address Line 2: 20th Floor
Address Line 4: Pittsburgh, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:	0065830-001000
NAME OF SUBMITTER:	Jane E. Hepner
Signature:	/Jane E. Hepner/
Date:	04/16/2007

Total Attachments: 25

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INTELLECTUAL PROPERTY SECURITY AGREEMENT FOR PATENTS AND TRADEMARKS

This Intellectual Property Security Agreement for Patents and Trademarks ("Agreement") dated February 7, 2007 is between Intrinsicity, Inc. ("Grantor") and Adams Capital Management, III, L.P. ("Lenders' Agent").

RECITALS:

A. Lenders' Agent and other Lenders will make advances to Grantor ("Loans") as described in the Loan Agreement dated of even date herewith between Grantor, Lenders' Agent, and the other lenders (the "Lenders") named therein, (the "Loan Agreement"), but only if Grantor grants Lenders' Agent a security interest in its intellectual property, including patents and trademarks.

B. Grantor has granted Lenders' Agent, for the benefit of the Lenders, a security interest in all of its right, title and interest, presently existing or later acquired, in and to all the Collateral described in the Security Agreement dated of even date herewith (the "Security Agreement") executed by Grantor, the Lenders and Lenders' Agent contemporaneously with the Loan Agreement.

NOW THEREFORE, in consideration of the mutual promises, covenants, conditions, representations, and warranties hereinafter set forth and for other good and valuable consideration, and intending to be legally bound, the parties hereto mutually agree as follows:

1. DEFINITIONS

Capitalized terms used but not defined herein shall have the meanings given to them in the Loan Agreement and the Security Agreement. In addition, the following terms, as used in this Agreement, have the following meanings:

"Intellectual Property Collateral" means:

(i) Each of the patents and patent applications which are presently owned by Grantor (including all of Grantor's right, title, and interest, in and to the patents and patent applications listed on Exhibit A, attached hereto, as the same may be updated hereafter from time to time), in whole or in part, and all patent rights with respect thereto throughout the world, including all proceeds thereof (including license royalties and proceeds of infringement suits), foreign filing rights, and rights to extend such patents and patent rights;

(ii) All of Grantor's right, title, and interest in all patentable inventions, and to file applications for patent under federal patent law or regulation of any foreign country, and to request reexamination and/or reissue of the patents, the right (without obligation) to sue or bring interference proceedings in the name of Grantor or in the name of Lenders' Agent for past, present, and future infringements of the patents, and all rights (but not obligations) corresponding thereto in the United States and any foreign country;

(iii) Each of the trademarks and rights and interest which are capable of being protected as trademarks (including all of Grantor's right to the trademark registrations listed on Exhibit B, attached hereto, as the same may be updated hereafter from time to time and all other trademarks, service marks, designs, logos, indicia, tradenames, corporate names, company names, business names, fictitious business names, trade styles, and other source or business identifiers, and applications pertaining thereto), which are presently owned by Grantor, in whole or in part, and all trademark rights with respect thereto throughout the world, including all goodwill associated therewith and all proceeds thereof (including license royalties and proceeds of infringement suits), and rights to renew and extend such trademarks and trademark rights;

(iv) All of Grantor's right, title and interest to register trademark claims under any state or federal trademark law or regulation of any foreign country and to apply for, renew, and extend the trademark registrations and trademark rights, the right (without obligation) to sue or bring opposition or cancellation proceedings in the name of Grantor or in the name of Lenders' Agent for past, present, and future infringements of the trademarks, registrations, or trademark rights and all rights (but not obligations) corresponding thereto in the United States and any foreign country;

(v) All general intangibles relating to the foregoing; and

(vi) All proceeds of any and all of the foregoing (including, without limitations, license royalties and proceeds of infringement suits) and, to the extent not otherwise included, all payments under insurance, or any indemnity, warranty, or guaranty payable by reason of loss or damage to or otherwise with respect to the Collateral.

Notwithstanding the foregoing, "Intellectual Property Collateral" shall not include any license, property or contract right the granting of a security interest in which would be prohibited by law or contract.

"Obligations" means the obligations of the Grantor as defined in the Loan Agreement, the Security Agreement, and the Notes, and the obligations of Grantor hereunder.

2. GRANT OF SECURITY INTEREST.

Grantor hereby grants Lenders' Agent, for the benefit of the Lenders, a security interest in all of Grantor's right, title, and interest in and to the Intellectual Property Collateral to secure the Obligations.

This security interest is granted in conjunction with the security interest granted under the Loan Agreement and Security Agreement, and under the Intellectual Property Security Agreement for Copyrights and Mask Works dated of even date herewith. Lenders' Agent's rights and remedies in the security interest are in addition to those in the Loan Agreement, the Security Agreement, the Intellectual Property Security Agreement for Copyrights and Mask Works, and those available in law or equity. Lenders' Agents' rights, powers and interests are cumulative with every right, power or remedy provided hereunder. Lenders' Agent's exercise of its rights, powers or remedies in this Agreement, the Loan Agreement or any other Loan Document (as defined in the Loan Agreement), and does not preclude the simultaneous or later exercise of any or all other rights, powers or remedies.

3. REPRESENTATIONS, WARRANTIES AND COVENANTS.

Grantor hereby represents, warrants, and covenants that:

3.1 Patents; Trademarks; Service Marks

(i) A true and complete schedule setting forth all patent and patent applications owned or controlled by Grantor, together with a summary description in respect of the filing or issuance thereof and expiration dates is set forth on Exhibit A;

(ii) A true and complete schedule setting forth all federal and state trademark and service mark registrations owned or controlled by Grantor, together with a summary description in respect of the filing or issuance thereof and expiration dates is set forth on Exhibit B;

3.2 Validity; Enforceability. To the best of Grantor's knowledge and belief, each of the patents, service marks, and trademarks is valid and enforceable, and Grantor is not presently aware of any past, present, or prospective claim by any third party that any of the patents, service marks, or trademarks are invalid or unenforceable, or that the use of any patents, service marks, or trademarks violates the rights of any third person, or of any basis for any such claims;

3.3 Title. To the best of Grantor's knowledge and belief and except for Permitted Liens, Grantor is the sole and exclusive owner of the entire and unencumbered right, title, and interest in and to each of the patents, patent applications, service marks, service mark registrations, trademarks, and trademark registrations free and clear of any liens, charges, and encumbrances, including pledges and assignments, or has the rights to use the same under a valid license; provided, however, that it is understood and agreed that Grantor has not done exhaustive prior art searches or other searches with respect to such property;

3.4 Notice. To the best of Grantor's knowledge and belief, Grantor has used and will continue to exercise reasonable efforts to use proper statutory notice in connection with its use of each of the patents, service marks, and trademarks;

3.5 Quality. Grantor has used and will continue to exercise reasonable efforts to use consistent standards of quality (consistent with Grantor's past practices) in the manufacture, sale, and delivery of products and services sold or delivered under or in connection with the service marks and trademarks, including, to the extent applicable, in the operation and maintenance of its merchandising operations, and will continue to exercise reasonable efforts to maintain the validity of the service marks and trademarks to the extent that the failure to so maintain the validity of such service marks and trademarks could reasonably be expected to result in a material adverse change to a Lender's economic interest and provided that Grantor may cease the use of a service mark or trademark in connection with the cessation of a particular product or service; and

3.6 Perfection of Security Interest. Except for the filing of a financing statement with the Secretary of State of Texas and filings with the United States Patent and Trademark Office necessary to perfect the security interests created hereunder, to the best of Grantor's knowledge and belief no authorization, approval, or other action by, and no notice to or filing with, any governmental authority or regulatory body in the United States is required either for the grant by Grantor of the security interest hereunder or for the execution, delivery, or performance of this Agreement by Grantor or for the perfection of or the exercise by Lenders' Agent of its rights hereunder with respect to the Intellectual Property Collateral.

4. AFTER-ACQUIRED PATENT, SERVICE MARK, OR TRADEMARK RIGHTS.

If Grantor shall obtain ownership rights to any new service marks, trademarks, any new patentable inventions or become entitled to the benefit of any patent application or patent for any reissue, division, or continuation, of any patent, the provisions of this Agreement shall

automatically apply thereto. Grantor shall, upon reasonable request by Lenders' Agent, provide a report from time to time in writing to Lenders' Agent with respect to any such new service marks, trademarks, or patents, or renewal or extension of any service mark or trademark registration. Grantor shall bear any expenses incurred in connection with future patent applications and future service mark or trademark registrations.

5. LITIGATION AND PROCEEDINGS.

Grantor shall commence and diligently prosecute in its own name, as the real party in interest, for its own benefit, and at its own expense, such suits, administrative proceedings, or other actions for infringement or other damages as are in its reasonable business judgment necessary and appropriate to protect the Intellectual Property Collateral. Grantor shall provide to Lenders' Agent any non-privileged information with respect thereto requested by Lenders' Agent. Lenders' Agent shall provide at Grantor's expense all necessary cooperation in connection with any such suits, proceedings, or action, including, without limitation, joining as a necessary party. Following Grantor's becoming aware thereof, Grantor shall notify Lenders' Agent of the institution of, or any adverse determination in, any proceeding in the United States Patent and Trademark Office, or any United States, state, or foreign court regarding Grantor's claim of ownership in any of the patents, service marks, or trademarks, its right to apply for the same, or its right to keep and maintain such patent, service mark, or trademark right.

6. POWER OF ATTORNEY.

To the extent it does not adversely affect the validity of the Intellectual Property Collateral, Grantor grants Lenders' Agent power of attorney, coupled with an interest, having the full authority, and in the place of Grantor and in the name of Grantor, from time to time during the occurrence and continuance of an Event of Default in Lenders' Agent's discretion, to take any action and to execute any instrument which Lenders' Agent may deem necessary or advisable to accomplish the purposes of this Agreement, including, without limitation, as may be subject to the provisions of this Agreement: to endorse Grantor's name on all applications, documents, papers, and instruments necessary for Lenders' Agent to use or maintain the Intellectual Property Collateral; to ask, demand, collect, sue for, recover, impound, receive, and give acquittance and receipts for money due or to become due under or in respect of any of the Intellectual Property Collateral; to file any claims or take any action or institute any proceedings that Lenders' Agent may deem necessary for the collection of any of the Intellectual Property Collateral or otherwise to enforce Grantor's or the Lenders' rights with respect to any of the Intellectual Property Collateral and to assign, pledge, convey, or otherwise transfer title in or dispose of the Intellectual Property Collateral to any person.

7. EVENTS OF DEFAULT.

An Event of Default (as defined in the Notes) shall be an Event of Default under this Agreement.

8. SPECIFIC REMEDIES.

Upon the occurrence and continuation of any Event of Default, Lenders' Agent shall have, in addition to, other rights given by law or in this Agreement, the Loan Agreement, the Security Agreement, or in the Notes, all of the rights and remedies with respect to the Intellectual Property Collateral of a secured party under the Code, including the following:

8.1 Notification. Lenders' Agent may notify licensees to make royalty payments on license agreements directly to Lenders' Agent for the benefit of the Lenders; and

8.2 Sale. Lenders' Agent may sell or assign the Intellectual Property Collateral and associated goodwill at public or private sale for such amounts, and at such time or times as Lenders' Agent deems advisable. Any requirement of reasonable notice of any disposition of the Intellectual Property Collateral shall be satisfied if such notice is sent to Grantor thirty days prior to such disposition. Grantor shall be credited with the net proceeds of such sale only when they are actually received by Lenders' Agent, and Grantor shall continue to be liable for any deficiency remaining after the Intellectual Property Collateral is sold or collected. If the sale is to be a public sale, Lenders' Agent shall also give notice of the time and place by publishing a notice one time at least ten days before the date of the sale in a newspaper of general circulation in the county in which the sale is to be held. To the maximum extent permitted by applicable law, Lenders' Agent may be the purchaser of any or all of the Intellectual Property Collateral and associated goodwill at any public sale and shall be entitled, for the purpose of bidding and making settlement or payment of the purchase price for all or any portion of the Intellectual Property Collateral sold at any public sale, to use and apply all or any part of the Obligations as a credit on account of the purchase price of any collateral payable by Lenders' Agent at such sale.

9. CHOICE OF LAW

The Code shall govern the perfection and the effect of attachment and perfection of the Lenders' security interest in the Collateral, and the rights, duties and obligations of the Lenders, the Lenders' Agent and Grantor with respect to the Intellectual Property Collateral. This Agreement shall be deemed to be a contract under the laws of the State of Texas and, to the

extent not inconsistent with the preceding sentence, the terms and provisions of this Agreement shall be governed by and construed in accordance with the laws of that State.

10. GENERAL PROVISIONS.

10.1 Effectiveness. This Agreement shall be binding and deemed effective when executed by Grantor and Lenders' Agent.

10.2 Successors and Assigns. This Agreement shall bind and inure to the benefit of the respective successors and assigns of each of the parties; provided, however, that Grantor may not assign the Agreement or any rights or duties hereunder without Lenders' Agent's prior written consent and any prohibited assignment shall be absolutely void. Lenders' Agent may assign this Agreement and its rights and duties hereunder, subject only to Section 6 of the Loan Agreement, and no consent or approval by Grantor is required in connection with any such assignment.

10.3 Section Headings. Headings and numbers have been set forth herein for convenience only. Unless the contrary is compelled by the context, everything contained in each section applied equally to this entire Agreement.

10.4 Interpretation. Neither this Agreement nor any uncertainty or ambiguity herein shall be construed or resolved against Lenders' Agent or Grantor, whether under any rule of construction or otherwise. On the contrary, this Agreement has been reviewed by all parties and shall be construed and interpreted according to the ordinary meaning of the words used so as to fairly accomplish the purposes and intentions of all parties hereto.

10.5 Severability of Provisions. Each provision of this Agreement shall be severable from every other provision of this Agreement for the purpose of determining the legal enforceability of any specific provision.

10.6 Amendments in Writing. This Agreement can only be amended by a writing signed by both Lenders' Agent and Grantor.

10.7 Counterparts; Telefacsimile Execution. This Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, when taken together, shall constitute but one and the same Agreement. Delivery of an executed counterpart of this Agreement by telefacsimile shall be equally as effective as delivery of a manually executed counterpart of this Agreement. Any party delivering an executed counterpart

of this Agreement by telefacsimile also shall deliver a manually executed counterpart of this Agreement but the failure to deliver a manually executed counterpart shall not affect the validity, enforceability, and binding effect of this Agreement.

10.8 Fees and Expenses. Grantor shall pay to Lenders' Agent on demand all costs and expenses that Lenders' Agent or the Lenders pay or incur in connection with the administration, enforcement, and termination of this Agreement, including: (a) reasonable attorneys' and paralegals' fees and disbursements of counsel to Lenders' Agent; (b) reasonable costs and expenses (including reasonable attorneys' and paralegals' fees and disbursements) for any amendment, supplement, waiver, consent, or subsequent closing in connection with this Agreement and the transactions contemplated hereby; (c) costs and expenses of lien and title searches; (d) taxes, fees, and other charges for filing this Agreement at the United States Patent and Trademark Office and United States Copyright Office, or for filing financing statements, and continuations, and other actions to perfect, protect, and continue the security interest created hereunder; (e) sums paid or incurred to pay any amount or take any action required of Grantor under this Agreement that Grantor fails to pay or take; (f) costs and expenses of preserving and protecting the Intellectual Property Collateral; and (g) reasonable costs and expenses (including reasonable attorneys' and paralegals' fees and disbursements) paid or incurred to enforce the security interest created hereunder, sell or otherwise realize upon the Intellectual Property Collateral, and otherwise enforce the provisions of this Agreement, or to defend any claims made or threatened against the Lenders arising out of the transactions contemplated hereby (including preparations for the consultations concerning any such matters). The foregoing shall not be construed to limit any other provisions of this Agreement or the Loan Documents regarding costs and expenses to be paid by Grantor.

10.9 Notices. Except as otherwise provided herein, all notices, demands, and requests that either party is required or elects to give to the other shall be in writing and shall be governed by the provisions of Section 12(c) of the Security Agreement.

10.10 Termination by Agent. Lenders' Agent shall release its security interest in the Intellectual Property Collateral at such time as the non-contingent Obligations have been fully and finally discharged, all indebtedness evidenced by the Notes has been paid in full and/or converted into equity securities of the Company, and the Lenders' obligation to provide additional credit under the Loan Agreement has been terminated, and in such event at the reasonable request of Grantor Lenders and Lenders' Agent each shall, at Grantor's expense, make such filings with the State of Texas and the United States Patent and Trademark Office as may be deemed by Grantor to be necessary or appropriate to evidence such release and terminate any financing statement or notice relating to the liens and security interests created hereby. In

the event that, for any reason, any portion of such payments to the Lenders is set aside or restored, whether voluntarily or involuntarily, after the making thereof, then the obligation intended to be satisfied thereby shall be revived and continued in full force and effect as if said payment or payments had not been made.

10.11 Integration. This Agreement, together with the other Loan Documents, reflect the entire understanding of the parties with respect to the transactions contemplated hereby and shall not be contradicted or qualified by any other agreement, oral or written, entered into before the date hereof.

10.12 Resolution of Conflicts. In the event that any express provision or term of this Agreement conflicts with the express provisions and terms of the Loan Agreement, the provision or term in the Loan Agreement shall control.

10.13 Confidentiality. Lenders and Lenders' Agent acknowledge and agree that the information set forth in Exhibit A and Exhibit B attached hereto (the "IP Information") contains proprietary information of Grantor, including trade secrets and that disclosure of the IP Information to third parties could adversely affect the value of the Intellectual Property Collateral. Accordingly, Lenders and Lenders' Agent agree to keep the IP Information strictly confidential and to ensure that the IP Information is not disclosed to any third parties. Grantor agrees to assist Lenders' Agent in creating a summary version of the IP Information as may be necessary for filing with the United States Patent and Trademark Office and any other applicable filing offices to perfect the security interest created hereunder while avoiding unnecessary disclosure.


10.14 Lenders' Agent. In the event that the Lenders' Agent shall resign as Lenders' Agent and a successor Lenders' Agent shall be appointed in accordance with Section 6 of the Loan Agreement, this Agreement shall be deemed to be between the Grantor and such successor Lenders' Agent. In the event that the Lenders' Agent shall resign as Lenders' Agent and no successor is appointed, then this Agreement shall be deemed to be between the Grantor and the Lenders.

10.15 Subordination Agreement. This Agreement is subject to the terms and provisions of that certain Subordination Agreement of even date herewith among Grantor, the Lenders and Silicon Valley Bank.

IN WITNESS WHEREOF, the parties have executed this Agreement on the date first written above.

GRANTOR:

INTRINSITY, INC.

By: 
Robert Russo,
President and Chief Executive Officer

LENDERS' AGENT:

ADAMS CAPITAL MANAGEMENT III,
L.P.

By: ACM Partners 2000, L.P.
General Partner

By: ACM 2000, LLC
General Partner

By: _____
Jerry S. Sullivan
Member

IN WITNESS WHEREOF, the parties have executed this Agreement on the date first written above.

GRANTOR:

INTRINSITY, INC.

By: _____
Robert Russo,
President and Chief Executive Officer

LENDERS' AGENT:

ADAMS CAPITAL MANAGEMENT III,
L.P.

By: ACM Partners 2000, L.P.
General Partner

By: ACM 2000, LLC
General Partner

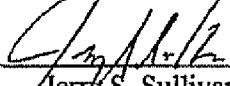
By:  _____
Jerry S. Sullivan
Member

EXHIBIT A

Patents

United States Patent and Trademark Office Patent List Page 1

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0101/0 United States of America	ORD	09/209,967 10-Dec-1998		6,124,735 26-Sep-2000	Granted 10-Dec-2018
<i>Title: Method and Apparatus for a N-Nary Logic Circuit Using Capacitance Isolation</i>					
31876-0102/0 United States of America	ORD	09/209,207 10-Dec-1998		6,107,835 22-Aug-2000	Granted 10-Dec-2018
<i>Title: Operation-Independent Power Consumption</i>					
31876-0103/0 United States of America	ORD	09/073,478 06-May-1998		6,202,194 13-Mar-2001	Granted 06-May-2018
<i>Title: Method and Apparatus for Routing 1 of N Signals</i>					
31876-0104/0 United States of America	ORD	09/073,479 06-May-1998		6,211,456 03-Apr-2001	Granted 06-May-2018
<i>Title: Method and Apparatus for Routing 1 of 4 Signals</i>					
31876-0106/0 United States of America	ORD	09/019,278 05-Feb-1998		6,911,846 28-Jun-2005	Granted 07-Aug-2021
<i>Title: Method and Apparatus for a 1 of N Signal</i>					
31876-0107/0 United States of America	ORD	09/019,244 05-Feb-1998		6,069,497 30-May-2000	Granted 05-Feb-2018
<i>Title: Method and Apparatus for an N-Nary Logic Circuit Using 1 of N Signals</i>					
31876-0108/0 United States of America	ORD	09/179,330 27-Oct-1998		6,118,304 12-Sep-2000	Granted 27-Oct-2018
<i>Title: Method and Apparatus for Logic Synchronization</i>					
31876-0109/1 United States of America	ORD	09/206,905 07-Dec-1998		6,429,795 06-Aug-2002	Granted 07-Dec-2018
<i>Title: Method and Apparatus for Transforming Pseudorandom Binary Patterns into Test Stimulus Patterns Appropriate for Circuits Having 1 of N encoded Inputs</i>					
31876-0111/1 United States of America	ORD	09/206,900 07-Dec-1998		6,295,622 25-Sep-2001	Granted 07-Dec-2018
<i>Title: Method and Apparatus for Transforming Pseudorandom Binary Patterns into Test Stimulus Patterns Appropriate for Circuits Having 1 of N encoded Inputs</i>					
31876-0112/0 United States of America	ORD	09/124,207 28-Jul-1998		6,088,830 11-Jul-2000	Granted 28-Jul-2018
<i>Title: Method and Apparatus for Speed Detection Circuitry</i>					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0101/0 United States of America	ORD	09/209,967 10-Dec-1998		6,124,735 26-Sep-2000	Granted 10-Dec-2018
<i>Title: Method and Apparatus for a N-Nary Logic Circuit Using Capacitance Isolation</i>					
31876-0102/0 United States of America	ORD	09/209,207 10-Dec-1998		6,107,835 22-Aug-2000	Granted 10-Dec-2018
<i>Title: Operation-Independent Power Consumption</i>					
31876-0103/0 United States of America	ORD	09/073,478 06-May-1998		6,202,194 13-Mar-2001	Granted 06-May-2018
<i>Title: Method and Apparatus for Routing 1 of N Signals</i>					
31876-0104/0 United States of America	ORD	09/073,479 06-May-1998		6,211,456 03-Apr-2001	Granted 06-May-2018
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31876-0106/0 United States of America	ORD	09/019,278 05-Feb-1998		6,911,846 28-Jun-2005	Granted 07-Aug-2021
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<i>Title: Method and Apparatus for Logic Synchronization</i>					
31876-0109/1 United States of America	ORD	09/206,905 07-Dec-1998		6,429,795 06-Aug-2002	Granted 07-Dec-2018
<i>Title: Method and Apparatus for Transforming Pseudorandom Binary Patterns into Test Stimulus Patterns Appropriate for Circuits Having 1 of N encoded Inputs</i>					
31876-0111/1 United States of America	ORD	09/206,900 07-Dec-1998		6,295,622 25-Sep-2001	Granted 07-Dec-2018
<i>Title: Method and Apparatus for Transforming Pseudorandom Binary Patterns into Test Stimulus Patterns Appropriate for Circuits Having 1 of N encoded Inputs</i>					
31876-0112/0 United States of America	ORD	09/124,207 28-Jul-1998		6,088,830 11-Jul-2000	Granted 28-Jul-2018
<i>Title: Method and Apparatus for Speed Detection Circuitry</i>					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0113/1 United States of America	ORD	09/181,406 28-Oct-1998		6,460,134 01-Oct-2002	Granted 28-Oct-2018
<i>Title: A Method and Apparatus for a Late Pipeline Enhanced Floating Point Unit</i>					
31876-0117/1 United States of America	ORD	09/195,752 18-Nov-1998		6,301,600 09-Oct-2001	Granted 18-Nov-2018
<i>Title: Method and Apparatus for a Dynamic Partitionable Saturating Adder/Subtractor</i>					
31876-0118/1 United States of America	ORD	09/195,779 18-Nov-1998		6,260,131 10-Jul-2001	Granted 18-Nov-2018
<i>Title: Method and Apparatus for TLB Memory Ordering</i>					
31876-0120/1 United States of America	ORD	09/195,757 18-Nov-1998		6,334,183 25-Dec-2001	Granted 18-Nov-2018
<i>Title: Method and Apparatus for Partial Register Write Handling</i>					
31876-0121/1 United States of America	ORD	09/122,504 24-Jul-1998		6,209,076 27-Mar-2001	Granted 24-Jul-2018
<i>Title: Method and Apparatus for Two Stage Address Generation</i>					
31876-0123/1 United States of America	ORD	09/191,813 13-Nov-1998		6,272,653 07-Aug-2001	Granted 13-Nov-2018
<i>Title: Method and Apparatus for Built-In Self-Test of Logic Circuitry</i>					
31876-0125/1 United States of America	ORD	09/120,775 22-Jul-1998		6,185,593 06-Feb-2001	Granted 22-Jul-2018
<i>Title: Method and Apparatus for Parallel Normalization and Rounding Technique for Floating Point Arithmetic Operations</i>					
31876-0126/0 United States of America	ORD	09/120,771 22-Jul-1998		6,173,299 09-Jan-2001	Granted 22-Jul-2018
<i>Title: A Method and Apparatus for Selecting an Intermediate Result for Parallel Normalization and Rounding Technique for Floating Point Arithmetic Operations</i>					
31876-0127/0 United States of America	ORD	09/019,355 05-Feb-1998		6,066,965 23-May-2000	Granted 05-Feb-2018
<i>Title: Method and Apparatus for an N-Nary Logic Circuit Using 1 of 4 Signals</i>					
31876-0129/1 United States of America	ORD	09/373,516 12-Aug-1999		6,360,315 19-Mar-2002	Granted 12-Aug-2019
<i>Title: Method and Apparatus that Supports Multiple Assignment Code</i>					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0130/0 United States of America	ORD	09/120,814 22-Jul-1998		6,175,847 16-Jan-2001	Granted 22-Jul-2018
<i>Title: Shifting for Parallel Normalization and Rounding Technique for Floating Point Arithmetic Operations</i>					
31876-0131/0 United States of America	ORD	09/209,935 11-Dec-1998		6,334,136 25-Dec-2001	Granted 11-Dec-2018
<i>Title: Dynamic 3-Level Partial Result Merge Adder</i>					
31876-0132/0 United States of America	ORD	09/206,830 07-Dec-1998		6,347,327 12-Feb-2002	Granted 07-Dec-2018
<i>Title: Method and Apparatus for N-nary Incrementor</i>					
31876-0133/0 United States of America	ORD	09/179,745 27-Oct-1998		6,288,589 11-Sep-2001	Granted 27-Oct-2018
<i>Title: Method and Apparatus for Generating Clock Signals</i>					
31876-0134/0 United States of America	ORD	09/181,405 28-Oct-1998		6,275,838 14-Aug-2001	Granted 28-Oct-2018
<i>Title: A Method and Apparatus for an Enhanced Floating Point Unit with Graphics and Integer Capabilities</i>					
31876-0135/0 United States of America	ORD	09/207,806 09-Dec-1998		6,104,642 15-Aug-2000	Granted 09-Dec-2018
<i>Title: Method and Apparatus for 1 of 4 Register File Design</i>					
31876-0136/0 United States of America	ORD	09/210,408 11-Dec-1998		6,289,497 11-Sep-2001	Granted 11-Dec-2018
<i>Title: Method and Apparatus for N-nary Hardware Description Language</i>					
31876-0137/0 United States of America	ORD	09/150,389 09-Sep-1998		6,118,716 12-Sep-2000	Granted 09-Sep-2018
<i>Title: Method and Apparatus for an Address Triggered RAM Circuit</i>					
31876-0139/0 United States of America	ORD	09/179,626 27-Oct-1998		6,233,707 15-May-2001	Granted 27-Oct-2018
<i>Title: Method and Apparatus that Allows the Logic State of a Logic Gate to be Tested when Stopping or Starting the Logic Gate's clock</i>					
31876-0140/0 United States of America	ORD	09/405,618 24-Sep-1999		7,031,897 18-Apr-2006	Granted 13-Mar-2021
<i>Title: Software Modeling of Logic Signals Capable of Holding More than Two Values</i>					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0144/0 United States of America	ORD	09/120,776 22-Jul-1998		6,151,615 21-Nov-2000	Granted 22-Jul-2018
<i>Title:</i> A Method and Apparatus for Formatting an Intermediate Result for Parallel Normalization and Rounding Technique for Floating Point Arithmetic Operations					
31876-0145/0 United States of America	ORD	09/206,463 07-Dec-1998		6,269,387 31-Jul-2001	Granted 07-Dec-2018
<i>Title:</i> Method and Apparatus for a 3-Stage 32-Bit Adder					
31876-0146/0 United States of America	ORD	09/150,720 10-Sep-1998		6,219,687 17-Apr-2001	Granted 10-Sep-2018
<i>Title:</i> Method and Apparatus for an N-Nary Sum/HPG Gate					
31876-0147/0 United States of America	ORD	09/206,539 07-Dec-1998		6,324,239 27-Nov-2001	Granted 07-Dec-2018
<i>Title:</i> Method and Apparatus for a 1 of 4 Shifter					
31876-0148/0 United States of America	ORD	09/186,843 05-Nov-1998		6,275,841 14-Aug-2001	Granted 05-Nov-2018
<i>Title:</i> 1 of 4 Multiplier					
31876-0149/0 United States of America	ORD	09/123,742 28-Jul-1998		6,404,233 11-Jun-2002	Granted 28-Jul-2018
<i>Title:</i> Method and Apparatus for Logic Circuit Transition Detection					
31876-0150/0 United States of America	ORD	09/150,717 10-Sep-1998		6,219,686 17-Apr-2001	Granted 10-Sep-2018
<i>Title:</i> Method and Apparatus for an N-nary Sum/HPG Adder/Subtractor Gate					
31876-0151/0 United States of America	ORD	09/150,829 10-Sep-1998		6,216,146 10-Apr-2001	Granted 10-Sep-2018
<i>Title:</i> Method and Apparatus for an N-Nary Adder Gate					
31876-0152/0 United States of America	ORD	09/150,575 10-Sep-1998		6,223,199 24-Apr-2001	Granted 10-Sep-2018
<i>Title:</i> Method and Apparatus for an N-nary HPG Gate					
31876-0153/0 United States of America	ORD	09/150,162 09-Sep-1998		6,069,836 30-May-2000	Granted 09-Sep-2018
<i>Title:</i> Method and Apparatus for a RAM Circuit having N-NARY Word Line Generation					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0154/0 United States of America	ORD	09/150,258 09-Sep-1998		6,046,931 04-Apr-2000	Granted 09-Sep-2018
<i>Title: Method and Apparatus for a RAM Circuit Having N-Nary Output Interface</i>					
31876-0156/0 United States of America	ORD	09/206,906 07-Dec-1998		6,216,147 10-Apr-2001	Granted 07-Dec-2018
<i>Title: Method and Apparatus for an N-Nary Magnitude Comparator</i>					
31876-0157/0 United States of America	ORD	09/206,631 07-Dec-1998		6,154,120 28-Nov-2000	Granted 07-Dec-2018
<i>Title: Method and Apparatus for an N-nary Equality Comparator</i>					
31876-0159/0 United States of America	ORD	09/195,751 18-Nov-1998		6,272,514 07-Aug-2001	Granted 18-Nov-2018
<i>Title: Method and Apparatus for Interruption of Carry Propagation on Partition Boundaries</i>					
31876-0160/0 United States of America	ORD	09/195,024 18-Nov-1998		6,301,597 09-Oct-2001	Granted 18-Nov-2018
<i>Title: Method and Apparatus for Saturation in an N-nary Adder/Subtractor</i>					
31876-0161/0 United States of America	ORD	09/195,758 18-Nov-1998		6,370,632 09-Apr-2002	Granted 18-Nov-2018
<i>Title: Method and Apparatus that Enforces a Regional Memory Model in Hierarchical Memory Systems</i>					
31876-0162/0 United States of America	ORD	09/210,410 11-Dec-1998		6,367,065 02-Apr-2002	Granted 11-Dec-2018
<i>Title: Method and Apparatus for N-nary Logic Circuit Design Tool with Precharge Circuit Evaluation</i>					
31876-0163/0 United States of America	ORD	09/210,024 11-Dec-1998		6,345,381 05-Feb-2002	Granted 11-Dec-2018
<i>Title: Method and Apparatus for a Logic Circuit Design Tool</i>					
31876-0164/0 United States of America	ORD	09/373,840 13-Aug-1999		6,457,170 24-Sep-2002	Granted 13-Aug-2019
<i>Title: Software System Build Method and Apparatus that Supports Multiple Users in a Software Development Environment</i>					
31876-0165/1 United States of America	ORD	09/406,016 24-Sep-1999		6,594,803 15-Jul-2003	Granted 24-Sep-2019
<i>Title: Method and Apparatus that Reports Multiple Status Events with a Single Monitor</i>					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0167/0 United States of America	CON	09/291,659 14-Apr-1999		6,115,294 05-Sep-2000	Granted 09-Dec-2018
<i>Title: Method and Apparatus for Multi-bit Register Cell</i>					
31876-0171/1 United States of America	ORD	09/468,760 21-Dec-1999		6,412,085 25-Jun-2002	Granted 21-Dec-2019
<i>Title: Method and Apparatus for a Special Stress Mode for N-Nary Logic that Initializes the Logic into a Functionally Illegal State</i>					
31876-0172/0 United States of America	ORD	09/406,017 24-Sep-1999		6,889,180 03-May-2005	Granted 13-Mar-2021
<i>Title: Method and Apparatus for a Monitor that Detects and Reports a Status Event to a Database</i>					
31876-0173/2 United States of America	CON	10/300,289 20-Nov-2002	US20040006753 08-Jan-2004	7,053,664 30-May-2006	Granted 22-Mar-2024
<i>Title: Null Value Propagation for FAST14 Logic</i>					
31876-0174/0 United States of America	CIP	09/468,972 21-Dec-1999		6,271,683 07-Aug-2001	Granted 21-Dec-2019
<i>Title: Dynamic Logic Scan Gate Method and Apparatus</i>					
31876-0178/1 United States of America	ORD	09/496,008 01-Feb-2000		6,622,240 16-Sep-2003	Granted 01-Feb-2020
<i>Title: Method and Apparatus for Pre-Branch Instruction</i>					
31876-0181/1 United States of America	ORD	09/398,618 17-Sep-1999		6,567,835 20-May-2003	Granted 17-Sep-2019
<i>Title: Method and Apparatus for a 5:2 Carry-Save-Adder (CSA)</i>					
31876-0182/0 United States of America	ORD	09/374,588 13-Aug-1999		6,438,743 20-Aug-2002	Granted 13-Aug-2019
<i>Title: Method and Apparatus for Object Cache Registration and Maintenance in a Networked Software Development Environment</i>					
31876-0183/0 United States of America	ORD	09/405,474 24-Sep-1999		6,604,065 05-Aug-2003	Granted 24-Sep-2019
<i>Title: Multiple-State Simulation for Non-Binary Logic</i>					
31876-0189/1 United States of America	ORD	09/527,653 17-Mar-2000		6,557,021 29-Apr-2003	Granted 17-Mar-2020
<i>Title: Rounding Anticipator for Floating Point Operations</i>					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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31876-0190/0 United States of America	CIP	09/468,759 21-Dec-1999		6,415,405 02-Jul-2002	Granted 21-Dec-2019
<i>Title:</i> Method and Apparatus for Scan of Synchronized Dynamic Logic Using Embedded Scan Gates					
31876-0194/1 United States of America	ORD	09/546,412 10-Apr-2000		6,499,044 24-Dec-2002	Granted 10-Apr-2020
<i>Title:</i> Leading Zero/One Anticipator for Floating Point Operations					
31876-0199/1 United States of America	ORD	10/155,042 24-May-2002	2002/0178428 28-Nov-2002	6,732,346 04-May-2004	Granted 12-Oct-2022
<i>Title:</i> Generation of Route Rules					
31876-0217/0 United States of America	CON	09/458,763 10-Dec-1999		6,252,425 26-Jun-2001	Granted 05-Feb-2018
<i>Title:</i> Method and Apparatus for an N-Nary Logic Circuit					
31876-0219/0 United States of America	DIV	09/458,766 10-Dec-1999		6,181,596 30-Jan-2001	Granted 09-Sep-2018
<i>Title:</i> Method and Apparatus for a RAM Circuit Having N-Nary Output Interface					
31876-0221/0 United States of America	CON	09/503,397 14-Feb-2000		6,349,387 19-Feb-2002	Granted 28-Jul-2018
<i>Title:</i> Dynamic Adjustment of the Clock Rate in Logic Circuits					
31876-0223/0 United States of America	CON	09/587,729 05-Jun-2000		6,571,378 27-May-2003	Granted 10-Dec-2018
<i>Title:</i> Method and Apparatus for a N-Nary Logic Circuit Using Capacitance Isolation					
31876-0224/0 United States of America	CON	09/586,638 05-Jun-2000		6,268,746 31-Jul-2001	Granted 27-Oct-2018
<i>Title:</i> Method and Apparatus for Logic Synchronization					
31876-0230/1 United States of America	ORD	10/187,879 02-Jul-2002	US20030110404 12-Jun-2003	6,956,406 18-Oct-2005	Granted 11-Nov-2023
<i>Title:</i> Static Storage Element for Dynamic Logic					
31876-0232/1 United States of America	ORD	09/844,686 27-Apr-2001	2002/0067187 06-Jun-2002	6,445,213 03-Sep-2002	Granted 27-Apr-2021
<i>Title:</i> Method and Apparatus For Calculating Dynamic Logic Block Propagation Delay Targets Using Time Borrowing					

Client-Matter/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0233/0 United States of America	CIP	09/901,411 09-Jul-2001	2001/0039635 08-Nov-2001	6,745,357 01-Jun-2004	Granted 20-Feb-2021
<i>Title:</i> Dynamic Logic Scan Gate Method and Apparatus					
31876-0245/2 United States of America	ORD	10/164,040 06-Jun-2002	2002/0198911 26-Dec-2002	6,898,691 24-May-2005	Granted 27-Sep-2023
<i>Title:</i> Rearranging Data Between Vector and Matrix Forms in a SIMD Matrix Processor					
31876-0262/1 United States of America	ORD	10/177,527 21-Jun-2002	2003/0046645 06-Mar-2003		Published
<i>Title:</i> Monitor Manager that Creates and Executes State Machine-Based Monitor Instances in a Digital Simulation					
31876-0263/1 United States of America	ORD	09/966,049 28-Sep-2001	2002/0040285 04-Apr-2002	7,099,812 29-Aug-2006	Granted 08-May-2024
<i>Title:</i> Grid that Tracks the Occurrence of a N-Dimensional Matrix of Combinatorial Events in a Simulation Using a Linear Index					
31876-0264/1 United States of America	ORD	09/965,945 28-Sep-2001	2003/0023396 30-Jan-2003	6,728,654 27-Apr-2004	Granted 03-Apr-2022
<i>Title:</i> Random Number Indexing Method and Apparatus that Eliminates Software Call Sequence Dependency					
31876-0265/1 United States of America	ORD	10/186,770 01-Jul-2002	2003/0042935 06-Mar-2003	6,714,045 30-Mar-2004	Granted 01-Jul-2022
<i>Title:</i> Static Transmission of FAST14 Logic 1 of N Signals					
31876-0267/0 United States of America	ORD	10/177,448 21-Jun-2002	2003/0122584 03-Jul-2003		Published
<i>Title:</i> Software Program that Transforms an N-Dimensional Matrix of Integers to a Linear Index					
31876-0274/1 United States of America	ORD	10/738,281 16-Dec-2003	2004/0139423 15-Jul-2004		Published
<i>Title:</i> Expansion Syntax					
31876-0275/1 United States of America	ORD	10/738,278 16-Dec-2003	2005/0060128 17-Mar-2005		Allowed
<i>Title:</i> Physical Realization of Dynamic Logic Using Parameterized Tile Partitioning					

Client-Matter/ Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31876-0185/2 European Patent Convention	PCT	EP19990951988 12-Oct-1999	EP1135859 26-Sep-2001	EP1135859 07-Apr-2004	Granted 12-Oct-2019
<i>Title: Method and Apparatus for Logic Synchronization</i>					
31876-0185/2 France	EPC	EP19990951988 12-Oct-1999	EP1135859 26-Sep-2001	EP1135859 07-Apr-2004	Granted 12-Oct-2019
<i>Title: Method and Apparatus for Logic Synchronization</i>					
31876-0185/2 Germany	EPC	EP19990951988 12-Oct-1999	EP1135859 26-Sep-2001	EP1135859 07-Apr-2004	Granted 12-Oct-2019
<i>Title: Method and Apparatus for Logic Synchronization</i>					
31876-0185/1 Japan	PCT	2000-578908 12-Oct-1999			Pending
<i>Title: Method and Apparatus for Logic Synchronization</i>					
31876-0185/2 United Kingdom	EPC	EP19990951988 12-Oct-1999	EP1135859 26-Sep-2001	EP1135859 07-Apr-2004	Granted 12-Oct-2019
<i>Title: Method and Apparatus for Logic Synchronization</i>					
31876-0206/1 European Patent Convention	PCT	EP19990966138 10-Jun-2002	EP1236278 04-Sep-2002		Published
<i>Title: Method and Apparatus for an N-Nary Logic Circuit</i>					
31876-0206/2 Japan	PCT	2001-543857 09-Jun-2002	2004-524713 12-Aug-2004		Published
<i>Title: Method and Apparatus for an N-Nary Logic Circuit</i>					

EXHIBIT B

Trademarks

Trademark	Client-Matter/Subcase Country Name	Status Class(es)	Application Number/Date	Registration Number/Date
ADAPTIVE SIGNAL PROCESSOR	31876-0269/ United States of America	Registered 009	78/114,358 12-Mar-2002	2,708,216 15-Apr-2003
Build14	31876-0283/ United States of America	Allowed 009, 041	78/465,981 11-Aug-2004	
FAST14	31876-0261/ United States of America	Registered 009	78/065,724 25-May-2001	2,738,968 15-Jul-2003
FASTCORE	31876-0288/0 United States of America	Pending 009	78/933,918 20-Jul-2006	
FASTMATH	31876-0268/ United States of America	Registered 009	78/114,059 11-Mar-2002	2,780,706 04-Nov-2003
FASTMATH-LP	31876-0278/ United States of America	Registered 009, 016	78/252,134 20-May-2003	2,906,315 30-Nov-2004
FASTWARE	31876-0289/0 United States of America	Pending 009	78/934,524 21-Jul-2006	
Finish14	31876-0284/ United States of America	Allowed 009, 041	78/466,651 12-Aug-2004	
IN	31876-0227/ United States of America	Registered 009	78/007,766 11-May-2000	2,801,275 30-Dec-2003
IN	31876-0228/ United States of America	Registered 009	78/032,605 26-Oct-2000	2,832,962 13-Apr-2004
INTRINSITY	31876-0220/ United States of America	Registered 009	75/895,354 13-Jan-2000	2,769,500 30-Sep-2003
INTRINSITY	31876-0225/ United States of America	Registered 009	78/007,731 11-May-2000	2,728,084 17-Jun-2003
INTRINSITY	31876-0226/ United States of America	Registered 009	78/007,760 11-May-2000	2,748,597 05-Aug-2003
ION RING	31876-0270/ United States of America	Registered 009	78/119,352 03-Apr-2002	2,765,942 16-Sep-2003
NDL	31876-0246/ United States of America	Registered 009	78/065,636 24-May-2001	2,799,110 23-Dec-2003

Trademark	Client-Matter/Subcase Country Name	Status Class(es)	Application Number/Date	Registration Number/Date
Plan14	31876-0285/ United States of America	Allowed 009, 041	78/466,678 12-Aug-2004	
Sim14	31876-0286/ United States of America	Allowed 009, 041	78/466,709 12-Aug-2004	