

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ASIC Advantage Inc.	10/19/2011
RECEIVING PARTY DATA	
Name:	Microsemi Corporation
Street Address:	One Enterprise
City:	Aliso Viejo
State/Country:	CALIFORNIA
Postal Code:	92656
PROPERTY NUMBERS Total: 52	
Property Type	Number
Application Number:	61039042
Application Number:	12383468
PCT Number:	US0837975
Application Number:	61037078
Patent Number:	7956491
PCT Number:	US0937422
Application Number:	61039339
Application Number:	12404979
PCT Number:	US0937559
Application Number:	61041459
Application Number:	12416363
PCT Number:	US0939180
Application Number:	61041508
Application Number:	61044113
Patent Number:	7782115

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PATENT
REEL: 027096 FRAME: 0222

CH \$2080.00 61039042

PCT Number:	US0940271
Patent Number:	7911255
Application Number:	61045208
Application Number:	61056109
Application Number:	61056112
Application Number:	12472539
PCT Number:	US0945302
Application Number:	61086814
Application Number:	12536595
PCT Number:	US0953100
Application Number:	61086815
Application Number:	12536596
PCT Number:	US0953103
Application Number:	61086816
Application Number:	61090748
Application Number:	61090841
Application Number:	12545437
PCT Number:	US0954647
Application Number:	61145895
Application Number:	61157949
Application Number:	12719204
PCT Number:	US1026533
Application Number:	61297570
Application Number:	13012645
Application Number:	61221049
Application Number:	61221050
Application Number:	12824301
PCT Number:	US1040234
Application Number:	61231116
Application Number:	12850120
PCT Number:	US1044445
Application Number:	61333157
Application Number:	13104656
Application Number:	13104809
PCT Number:	US1135981

	6636025
Patent Number:	6233165

CORRESPONDENCE DATA	
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Address Line 2:	PO Box 8749
Address Line 4:	Denver, COLORADO 80201

ATTORNEY DOCKET NUMBER:	77702.0001
NAME OF SUBMITTER:	Michael L. Drapkin

Total Attachments: 4 source=ASICPTassign#page1.tif source=ASICPTassign#page2.tif source=ASICPTassign#page3.tif source=ASICPTassign#page4.tif
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ASSIGNMENT

WHEREAS, ASIC Advantage Inc., located at 1290-B Reamwood Avenue, Sunnyvale, California 94089, a corporation and owner of the patent applications and patents listed on the attached *Schedule A* (hereinafter referred to as "Assignor"); and

WHEREAS, Microsemi Corporation, located at One Enterprise, Aliso Viejo, California 92656, a corporation (hereinafter referred to as "Assignee"), is desirous of acquiring an interest in the inventions and applications as listed on the attached *Schedule A*, and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same.

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the inventions and applications and to all foreign counterparts (including patent, utility model and industrial designs), as listed on the attached *Schedule A*, and in and to any Letters Patent and Registrations which may hereafter be granted on any patent applications claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the applications as provided by the Paris Convention, together with the right to sue for past infringement and to collect all damages or profits for past infringements for its own use and benefits. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the inventions listed on *Schedule A* and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

ASIC ADVANTAGE INC.

Dated: 10/19/2011

Pierre Irissou

Printed Name: PIERRE IRISOU

Title: PRESIDENT

SCHEDULE A

ASIC ADVANTAGE INC. PATENTS AND PATENT APPLICATIONS

<i>Attorney Ref-No.</i>	<i>App. No.</i>	<i>Filed</i>	<i>Pat. No.</i>	<i>Issued</i>	<i>Inventor(s)</i>
P001	61/039,042	03/24/2008	-	-	Courtney R. Furnival
P001.01	12/383,468	03/24/2009	-	-	Courtney R. Furnival
P001.01.WO	PCT/US2008/037975	03/23/2009	-	-	Courtney R. Furnival
P002	61/037,078	03/17/2008	-	-	Sam Seiichiro Ochi; Ernest H. Wittenbreder, Jr.
P002.01	12/404,971	03/16/2009	7,956,491	06/07/2011	Sam Seiichiro Ochi; Ernest H. Wittenbreder, Jr.
P002.01.WO	PCT/US2009/037422	03/17/2009	-	-	Sam Seiichiro Ochi; Ernest H. Wittenbreder, Jr.
P003	61/039,339	03/25/2008	-	-	Pierre Irissou; Etienne Colmet-Daage
P003.01	12/404,979	03/16/2009	-	-	Pierre Irissou; Etienne Colmet-Daage; Bernard Drexler
P003.01.WO	PCT/US2009/037559	03/18/2009	-	-	Pierre Irissou; Etienne Colmet-Daage; Bernard Drexler
P004	61/041,459	04/01/2008	-	-	Sam Seiichiro Ochi
P004.01	12/416,363	04/01/2009	-	-	Sam Seiichiro Ochi; Charles Coleman
P004.01.WO	PCT/US2009/039180	04/01/2009	-	-	Sam Seiichiro Ochi; Charles Coleman
P005	61/041,508	04/01/2008	-	-	Sam Seiichiro Ochi
P006	61/044,113	04/11/2008	-	-	Sam Seiichiro Ochi
P006.01	12/422,060	04/10/2009	7,782,115	08/24/2010	Sam Seiichiro Ochi
P006.01.WO	PCT/US2009/040271	04/10/2009	-	-	Sam Seiichiro Ochi
P006.02	12/840,996	07/21/2010	7,911,255	03/22/2011	Sam Seiichiro Ochi
P007	61/045,208	04/15/2008	-	-	Sam Seiichiro Ochi
P008	61/056,109	05/27/2008	-	-	Sam Seiichiro Ochi
P009	61/056,112	05/27/2008	-	-	Sam Seiichiro Ochi
P009.01	12/472,539	05/27/2009	-	-	Sam Seiichiro Ochi
P009.01.WO	PCT/US2009/045302	05/27/2009	-	-	Sam Seiichiro Ochi
P010	61/086,814	08/07/2008	-	-	Pierre Irissou; Etienne Colmet-Daage

Attorney Ref-No.	App. No.	Filed	Pat. No.	Issued	Inventor(s)
P010.01	12/536,595	08/06/2009	-	-	Pierre Irissou; Etienne Colmet-Daage
P010.01.WO	PCT/US2009/053100	08/07/2009	-	-	Pierre Irissou; Etienne Colmet-Daage
P011	61/086,815	08/07/2008	-	-	Pierre Irissou; Etienne Colmet-Daage
P011.01	12/536,596	08/06/2009	-	-	Pierre Irissou; Etienne Colmet-Daage
P011.01.WO	PCT/US2009/053103	08/07/2009	-	-	Pierre Irissou; Etienne Colmet-Daage
P012	61/086,816	08/07/2008	-	-	Pierre Irissou; Etienne Colmet-Daage
P013	61/090,748	08/21/2008	-	-	Pierre Irissou; Stephane LeGoff; Sam Seiichiro Ochi; Etienne Colmet-Daage
P014	61/090,841	08/21/2008	-	-	Pierre Irissou; Stephane LeGoff; Sam Seiichiro Ochi; Etienne Colmet-Daage
P014.01	12/545,437	08/21/2009	-	-	Pierre Irissou; Stephane LeGoff; Sam Seiichiro Ochi; Etienne Colmet-Daage
P014.01.WO	PCT/US2009/054647	08/21/2009	-	-	Pierre Irissou; Stephane LeGoff; Sam Seiichiro Ochi; Etienne Colmet-Daage
P015	61/145,895	01/20/2009	-	-	Sam Seiichiro Ochi
P020	61/157,949	03/06/2009	-	-	Sam Seiichiro Ochi; Pierre Irissou; Charles Coleman
P020.01	12/719,204	03/08/2010	-	-	Sam Seiichiro Ochi; Pierre Irissou; Charles Coleman
P020.01.WO	PCT/US2010/026533	03/08/2010	-	-	Sam Seiichiro Ochi; Pierre Irissou; Charles Coleman
P021	61/297,570	01/22/2010	-	-	Sam Seiichiro Ochi
P021.01	13/012,645	01/24/2011	-	-	Sam Seiichiro Ochi
P023A	61/221,049	06/27/2009	-	-	George Rasko; Ernest H. Wittenbreder, Jr.

<i>Attorney Ref-No.</i>	<i>App. No.</i>	<i>Filed</i>	<i>Pat. No.</i>	<i>Issued</i>	<i>Inventor(s)</i>
P023B	61/221,050	06/27/2009	-	-	George Rasko; Ernest H. Wittenbreder, Jr.
P023.01	12/824,301	06/28/2010	-	-	George Rasko; Ernest H. Wittenbreder, Jr.
P023.01.WO	PCT/US2010/040234	06/28/2010	-	-	George Rasko; Ernest H. Wittenbreder, Jr.
P024	61/231,116	08/04/2009	-	-	Charles Coleman; George Rasko; Sam Seiichiro Ochi; Ernest H. Wittenbreder, Jr.
P024.01	12/850,120	08/04/2010	-	-	Charles Coleman; George Rasko; Sam Seiichiro Ochi; Ernest H. Wittenbreder, Jr.
P024.01.WO	PCT/US2010/044445	08/04/2010	-	-	Charles Coleman; George Rasko; Sam Seiichiro Ochi; Ernest H. Wittenbreder, Jr.
P025	61/333,157	05/10/2010	-	-	Charles Coleman
P025.01	13/104,656	05/10/2011	-	-	Charles Coleman
P025.02	13/104,809	05/10/2011			Charles Coleman
P025.WO	PCT/US2011/035981	05/10/2011			Charles Coleman
P028	10/042,600	01/09/2002	6,636,025	10/21/2003	Pierre R. Irissou
P029	09/570,658	05/15/2000	6,233,165	05/15/2011	Pierre R. Irissou Hans R. Camenzind

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