

FORM PTO-1595
Rev.6-93
OMB-0851-0011

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Ortel Corporation Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: Nov. 8, 2002	2. Name and address of receiving party(ies): Name: Agere Systems Inc. Internal Address: _____ Street Address: 555 Union Boulevard City: Allentown State: PA Zip: 18109 USA Additional name(s) & address(es) attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is _____ A. Patent Application No.(s) _____ Filed on _____ B. Patent No.(s) 4802178, 4764934, 4942585, 4856017, 4843611, 4992754, 5127072, 5179461, 5132639, 5278688, 5430569, 5252930, 5363056, 5457557, 5453868, 5515469, 6091864, 5798854, 6303922, 6288814, 6392779, 6252693 Additional numbers attached? ☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Docket Administrator</u> <u>Agere Systems Inc.</u> Internal Address: <u>Room 4U-533C</u> Street Address: <u>Four Connell Drive</u> City: <u>Berkeley Heights</u>, State: <u>New Jersey</u>, Zip: <u>07922-2747</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>\$880.00</u> ☐ Enclosed ☒ Authorized to be charged to deposit account 8. Deposit account number: <u>50-1735</u> (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature. <i>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.</i>		
<u>Richard J. Botos</u> Name of Person Signing	 Signature	<u>1/08/03</u> Date
Total number of pages including cover sheet, attachments, and document: 6		

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

PATENT ASSIGNMENT

This ASSIGNMENT from Ortel Corporation, a Delaware corporation ("Assignor"), to Agere Systems Inc. ("Assignee"), is entered into and effective as of the date written below.

WHEREAS, Assignor is the sole owner of the entire right, title and interest in and to all of its patent applications and patents, both foreign and domestic, including but not limited to those as set forth in Attachment A (collectively, the "Ortel Intellectual Property");

WHEREAS, Assignee desires to acquire from Assignor, and Assignor desires to assign to Assignee, any and all of Assignor's right, title and interest in and to the Ortel Intellectual Property, together with the right to recover for the past, present and future infringements and violations thereof;

NOW, THEREFORE, to all whom it may concern, effective upon execution, be it known that by way of dividend to the Assignee, Assignor hereby distributes to Assignee the entire right, title and interest of Assignor in and to the Ortel Intellectual Property, together with the right to recover for the past, present and future infringements and violations thereof. Assignor and Assignee agree that this distribution has a fair market value of eight million, five hundred-thousand U.S. Dollars (\$8.5 million).

IN WITNESS WHEREOF, Assignor has hereunto executed this instrument this 8th day of November, 2002.

For Ortel Corporation:


Gerard A. deBlasi
Vice President, Ortel Corp.

ATTACHMENT A

Case Name	Country/ Type of Filing*	Title	Serial No./ App No.	Kind of App	Status *	Patent #
	USA	High Speed Fiberoptic Laser Module	06/849960	NEW	Issued	4802178 ✓
	USA	Buried Heterostructure Superluminescent Diode and Method of Controlling Its Power	07/078367	NEW	Issued	4764834 ✓
	JAPAN / N		1888-187935		Issued	2786636
	USA	High Power Semiconductor Laser	07/138567	NEW	Issued	4942585 ✓
	USA	Single Frequency High Power Semiconductor Laser	07/138566	NEW	Issued	4856017 ✓
Ortel 6	USA	Superluminescent Diode and Single Mode Laser	07/232505	CON of Ortel 3	Issued	4843811 ✓
Ortel 7	GR BRIT / E FRANCE / E GERMANY / E	Broadband Optical Receiver	88312054.3	NEW	Issued	0372742 0372742 68923854
	USA	Predistorter for Linearization of Electronic and Optical Signals	07/404186	NEW	Issued	4992754 ✓
	AUSTRALIA / N		61995/80		Issued	645029
	CANADA / N		2024385-6		Issued	2024385
	GR BRIT / E		90117194.2		Issued	0416622
	FRANCE / E					0416622
	GERMANY / E					69032831
	ITALY / E					0416622
	SPAIN / E					0416622
	JAPAN / N		238807		Issued	1925165
Ortel 9	USA	Laser Module with Compliant Optical Fiber Coupling	07/490483	NEW	Issued	5127072 ✓

Ortel 11	USA	Broadband Optical Receiver	07/588547	CIP of Ortel 7	Issued	5178481 ✓
Ortel 12	USA	Predistorter for Linearization of Electronic and Optical Signals	07/653003	CIP of Ortel 8	Issued	5132639 ✓
	JAPAN / N		15889		Issued	2056370
	SPAIN / E		92102085.5		Issued	0498456
	ITALY / E				Issued	0498456
	GERMANY / E				Issued	69220514
	FRANCE / E				Issued	0498456
	GR BRIT / E				Issued	0498456
	CANADA / N		2060117-5		Issued	2060117
	AUSTRALIA / N		10782/92		Issued	645878

Ortel 13	USA	Fault Tolerant Fiber Optic Transmission System	07/781072	CIP of Ortel 10	Issued	5278888 ✓
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Ortel 14	USA	Suppression of Noise and Distortion in Fiber-Optic Systems	07/887533	NEW	Issued	5430569 ✓
	CHINA / N		93106088.2		Issued	93106088.2
	JAPAN / N		5-121558		Issued	2837691
	GERMANY / E		93108297.8		Issued	69320101
	FRANCE / E		93108297.8		Issued	0570884
	GR BRIT / E		93108297.8		Issued	0570884

Ortel 15	USA	Predistorter for Linearization of Electronic and Optical Signals	07/918623	CIP of Ortel 12	Issued	5252830 ✓
	JAPAN / N		5-179574		Issued	2620496

Ortel 16	USA	Circuit For Linearization of Amplified Electronic Signals	08/054868	CIP of Ortel 15	Issued	5363056 ✓
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Ortel 18	USA	Low Cost Optical Fiber RF Signal Distribution System	08/184967	NEW	Issued	5467667 ✓
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	AUSTRALIA / N		11347/95		Issued	695818
Ortel 19	USA	Suppression of Noise and Distortion in Fiber-Optic Systems	08/284369	CON of Ortel 14	Issued	5453868 ✓
Ortel 20	USA	Fiber Optic Connector Housing	08/282706	DIV of Ortel 18	Issued	5515489 ✓
Ortel 22	PCT	In-Line Predistorter for Linearization of Electronic and Optical Signals	PCT/US95/06352	CIP of Ortel 17	Nat'l phase	
	AUSTRALIA / P		26418/95		Issued	708748
	TAIWAN /		84105966		Issued	75954
Ortel 23	USA	Linear Optical Modulator for Providing Chirp-Free Optical	08/838737	NEW	Issued	6091864 ✓
Ortel 24	USA	In-Line Predistorter for Linearization of Electronic and Optical Signals	08/767485	CON of Ortel 22	Issued	5798854 ✓
Ortel 25	USA	Range-Switching Optical Receiver with High Sensitivity	09/120388	NEW - from PROV	Issued	6303922 ✓
Ortel 26	USA PCT JAPAN / P	In-Line Predistorter for Linearization of Electronic and Optical Signals	09/139624 PCT/US99/19757 2000-588975	CIP of Ortel 24	Issued Nat'l phase Filed	6288814 ✓
Ortel 28	USA	Circuit for Suppressing Noise and Distortion in Linear Fiber Optic Links	09/484054	NEW - from PROV	Filed	

	PCT		PCT/US99/29899		Nat'l phase	
Ortel 29	USA PCT EPO / N JAPAN / N	CSO Bias Control Schemes	09/656227 PCT/US00/24410 00988334.3 2001-529103	NEW - from PROV	Issued Nat'l phase Filed Filed	6392779 ✓
Ortel 30	USA	Apparatus and Method for Reducing Impairments from Nonlinear Fiber Effects in 1550 NM External Modulation Links	09/489947	NEWP	Issued	6252693 ✓
