

PATENT: 5,659,891
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TITLE: Multicarrier techniques in bandlimited
channels

APPLICATION
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FILED: 07 JUN 1995
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CONTINUING DATA***
VERIFIED

None lead

FOREIGN/PCT APPLICATIONS***
VERIFIED

None lead

FOREIGN FILING LICENSE GRANTED 11/30/95

Foreign priority claimed 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY MS	SHEETS DRWGS. 9	TOTAL CLAIMS 8	INDEP. CLAIMS 3	FILING FEE RECEIVED \$860.00	ATTORNEY'S DOCKET NO. 03680.0143
Verified and Acknowledged		Examiner's initials <i>Lee</i>						

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TITLE

MULTICARRIER TECHNIQUES IN BANDLIMITED CHANNELS

U.S. DEPT. OF COMM./ PAT. & TM—PTO-436L (Rev.12-94)

PARTS OF APPLICATION FILED SEPARATELY		<i>Roder</i> Applications Examiner	
NOTICE OF ALLOWANCE MAILED <i>2-4-97</i>		CLAIMS ALLOWED	
LEE NGUYEN Assistant Examiner		Total Claims 5	Print Claim 1
ISSUE FEE		DRAWING	
Amount Due \$290.00	Date Paid MA 5/1/97	Sheets Drwg. 9/1	Figs. Drwg. 11
Label Area		Print Fig. 1	ISSUE BATCH NUMBER <i>J/D</i>
PREPARED FOR ISSUE		WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.	

Transaction History

Date	Transaction Description
7/21/1995	Notice Mailed--Application Incomplete--Filing Date Assigned
8/9/1995	Request for Foreign Priority (Priority Papers May Be Included)
9/6/1995	Preliminary Amendment
10/3/1995	Information Disclosure Statement (IDS) Filed
10/3/1995	Information Disclosure Statement (IDS) Filed
11/9/1995	Miscellaneous Incoming Letter
11/13/1995	Application Is Now Complete
12/5/1995	Application Captured on Microfilm
12/18/1995	Case Docketed to Examiner in GAU
1/17/1996	Mail Miscellaneous Communication to Applicant
1/17/1996	Miscellaneous Communication to Applicant - No Action Count
2/5/1996	Non-Final Rejection
2/9/1996	Mail Non-Final Rejection
8/9/1996	Response after Non-Final Action
8/9/1996	Request for Extension of Time - Granted
8/21/1996	Date Forwarded to Examiner
10/28/1996	Final Rejection
10/29/1996	Mail Final Rejection (PTOL - 326)
1/21/1997	Amendment after Final Rejection
1/28/1997	Date Forwarded to Examiner
2/4/1997	Mail Notice of Allowance
2/4/1997	Notice of Allowance Data Verification Completed
2/4/1997	Mail Examiner's Amendment
2/4/1997	Examiner's Amendment Communication
3/3/1997	Mailroom Date of Drawing(s)
3/7/1997	Drawing(s) Matched to Application
3/7/1997	Drawing(s) Received at Publications
3/25/1997	Drawing(s) Processing Completed
4/3/1997	Mailroom Date of Drawing(s)
4/10/1997	Drawing(s) Matched to Application
4/10/1997	Drawing(s) Received at Publications
4/30/1997	Drawing(s) Processing Completed
5/1/1997	Issue Fee Payment Verified
7/14/1997	Issue Notification Mailed
8/19/1997	Recordation of Patent Grant Mailed

	3.	Dec Inv	9/21/95
	4.	Information Disclosure Statement	8-9-95
	5.	Pre Amdt A	9-6-95
	6.	Status Letter	Nov 9, 1995
	7.	Letter	1/17/96
	8.	Prior Art w/ref	10/3/95
2/5/96	9.	3 mos. Rej.	2-9-96 M.L.
	10.	Ext. of Time (3) / Amdt B	8/9/96
10/25/96	11.	Final Rej (3 months)	10-29-96
	12.	Amdt B (N/A)	1/21/97
2/3/97	13.	Notice of Allow	2-4-97
3/7/97	14.	()	3/3/97
	15.	Notice of Drawing Requirement	3/25/97
4/10/97	16.	3 2	4/3/97
	17.	PTO Grant AUS 1 8 107	
	18.		
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