6363345

6363345

U.S. UTILITY PATENT APPLICATION

	O.I.P.E. RN	PATENT DATE
B	SCANNED ✓CT Q.A. re	MAR 2 6 2002

SECTOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
	704			Dorvil

FILED WITH: ☐ DISK (CRF)   ☐ FICHE
(Attached in pocket on right inside flap)

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

ORIGINAL			CROSS REFERENCE(S)						
CLASS	SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
704	226		704	233	205				
INTERNATIONAL CLASSIFICATION									
G 1 0 L	21/02								
				☐ Continued on Issue Slip Inside File Jacket					

☐ TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	10	10	2	46 47	1

☐ a) The term of this patent subsequent to _____ (date) has been disclaimed.	(Assistant Examiner) (Date)	NOTICE OF ALLOWANCE MAILED
		10-10-01

☐ b) The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____	Richemond Dorvil Primary Examiner	ISSUE FEE

	(Primary Examiner) (Date) 10-7-01	Amount Due	Date Paid
		$640.00	12.11-0)

☐ c) The terminal _____ months of this patent have been disclaimed.	MDJ 10·12·01 (Legal Instruments Examiner) (Date)	ISSUE BATCH NUMBER
		N32

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.

Form PTO-436A
(Rev. 6/98)

Issue Fee

(LABEL AREA)

02/18/99

CONTENTS

	Date received (Incl. C. of M.) or Date Mailed		Date received (Incl. C. of M.) or Date Mailed
1. Application ____ papers.		42.	
2. Lv' Declaration + Fee	3/12/99	43.	
3. _____	3-3-99	44.	
4. Dec, Fee, Sm. Entity	4-12-99	45.	
5. IDS	5-18-00	46.	
6. Rejection (3 months)	11-16-00	47.	
7. IDS	3-14-01	48.	
8. Reconsd. ation + Ext.(1)	3-14-01	49.	
9. Address change to	6·16·01	50.	
10. Customer number Final Rejection (3 months)	5-29-01	51.	
11. Change of Address	6/1/01	52.	
12. Berons	6/5/01	53.	
13. Rejection (3 months)	6/28/01	54.	
14. AMDT. R	9-28-01	55.	
15. Notice of Allowance	10-10-01	56.	
16. _____	2-4-02	57.	
17.		58.	
18.		59.	
19.		60.	
20.		61.	
21.		62.	
22.		63.	
23.		64.	
24.		65.	
25.		66.	
26.		67.	
27.		68.	
28.		69.	
29.		70.	
30.		71.	
31.		72.	
32.		73.	
33.		74.	
34.		75.	
35.		76.	
36.		77.	
37.		78.	
38.		79.	
39.		80.	
40.		81.	

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION	GW.	249	2/4/99
O.I.P.E. CLASSIFIER		5	
FORMALITY REVIEW	DmL	69169	3-9-99
	DmK	69169	3-31-99

INDEX OF CLAIMS

✔ .... Rejected	N .... Non-elected		
= .... Allowed	I .... Interference		
— (Through numeral)... Canceled	A .... Appeal		
÷ .... Restricted	O .... Objected		

3

Claim Final	Original	Date													
1	(1)			=											
2	2			=											
3	3			=											
4	4			=											
5	5			=											
10	6			=											
6	7			=											
9	8			=											
7	9			=											
8	10			=											
11	11			=											
12	12			=											
13	13			=											
14	14			=											
15	15			=											
16	16			=											
21	17			=											
22	18			=											
23	19			=											
24	20			=											
17	21			=											
18	22			=											
19	23			=											
20	24			=											
25	25			=											
26	(26)			=											
27	27			=											
	28														
28	29			=											
29	30			=											
30	31			=											
31	32			=											
32	33			=											
34	34			=											
35	35			=											
36	36			=											
33	37			=											
37	38			=											
38	(39)			=											
	40														
39	41			=											
40	42			=											
41	43			=											
42	44			=											
43	45			=											
44	46			=											
45	47			=											
47	48			=											
46	49	✔	✔	✔ =											
	50														

Claim Final	Original	Date													
	51														
	52														
	53														
	54														
	55														
	56														
	57														
	58														
	59														
	60														
	61														
	62														
	63														
	64														
	65														
	66														
	67														
	68														
	69														
	70														
	71														
	72														
	73														
	74														
	75														
	76														
	77														
	78														
	79														
	80														
	81														
	82														
	83														
	84														
	85														
	86														
	87														
	88														
	89														
	90														
	91														
	92														
	93														
	94														
	95														
	96														
	97														
	98														
	99														
	100														

Claim Final	Original	Date													
	101														
	102														
	103														
	104														
	105														
	106														
	107														
	108														
	109														
	110														
	111														
	112														
	113														
	114														
	115														
	116														
	117														
	118														
	119														
	120														
	121														
	122														
	123														
	124														
	125														
	126														
	127														
	128														
	129														
	130														
	131														
	132														
	133														
	134														
	135														
	136														
	137														
	138														
	139														
	140														
	141														
	142														
	143														
	144														
	145														
	146														
	147														
	148														
	149														
	150														

If more than 150 claims or 10 actions

SEARCHED

Class	Sub.	Date	Exmr.
704	270		
	500		
	233		
	200		
	201		
	205		
	226		
	227		
	228	11-1-00	RW
updated	ALL	5-24-01	MP
704	226		
	227		
	228		
	200		
	201		
	205		
	233		
	211		
	216		
	270		
	500		
379	22.08		
	392.01		
	3		
	406.01		
	406.12		
	406.13		
	406.14		
	406.05	10-06-01	RW

SEARCH NOTES
(INCLUDING SEARCH STRATEGY)

	Date	Exmr.
EAST	11-01-00	M
updated	5-24-01	MP
updated	10-06-01	RW

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.
704	226		
	233		
	205	10-06-01	RW

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.

fastcase
Smarter legal research.