

05-21-2003



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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings ⇒ ⇒ ⇒ ▼ ▼ ▼ ▼ ▼ ▼ ▼

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

1. Name of conveying party(ies):

BT Commercial Corporation
14 Wall Street
New York, New York 10005

5-19-03

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

☒ Other **Termination of Security Interest at**
Reel 8246/Frame 0001

Execution Date: **May 7, 2003**

2. Name and address of receiving party(ies)

Name: **Wang Laboratories, Inc.**

Internal
Address: _____

Street Address: **290 Concord Road**

City: **Billerica** State: **MA** Zip: **01821**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

OFFICE OF PUBLIC RECORDS
2003 MAY 19 AM 7:14
FINANCE SECTION

4. Application number(s) or registration 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)

5570740

B. Patent No.(s)
SEE ATTACHED LIST

Additional number(s) attached ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Michael Bevilacqua, Esquire**
Internal Address: **Hale and Dorr LLP**

Street Address: **60 State Street**

City: **Boston** State: **Massachusetts** Zip: **02109**

6. Total number of applications and patents involved:

thirty eight (38)

7. Total fee (37 CFR 3.41).....\$ **1520.00**

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0219

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Michael Bevilacqua, Esquire
Name of Person Signing

Michael Bevilacqua
Signature

May 15, 2003
Date

Hale and Dorr LLP Attorney Reference Number: **104.259.449**

Total number of pages including cover sheet, attachments, and document:

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

05/20/2003 TDIAZ1 00000157 000219 5570290

01 FC:8021 1520.00 CH

BOSTON 1664373v1

PATENT
REEL: 014074 FRAME: 0761

EXHIBIT A

US Patent Number

5570290
5402469
4399422
4393389
5092552
4703909
4606002
4652161
4672679
4996662
4959769
4633430
4568210
4786193
4630030
4573110
4713754
4751740
4668962
4967368
5043891
4638178
4627673
4744446
5182709
4739451
4746766

EXHIBIT A

4971277
4778947
4974174
5157783
5111397
5078515
5469336
5805811
5495565
5543727
5570263

PATENT AND TRADEMARK SECURITY INTEREST TERMINATION AGREEMENT

WHEREAS, Wang Laboratories, Inc., a Delaware corporation (the "Debtor"), granted a security interest to BT Commercial Corporation, as collateral agent ("Collateral Agent") in all of its intellectual property, pursuant to a certain Amended and Restated Intellectual Property Security Agreement (the "Agreement") dated as of August 28, 1996, which was filed at the United States Patent and Trademark Office on November 29, 1996 and recorded at Reel 8246 and Frame 0001 for patents and at Reel 1532 and Frame 0828 for trademarks, such intellectual property including patents, patent applications, trademarks and trademark applications ("Intellectual Property Collateral") listed in Exhibit A (the "Patents") and Exhibit B (the "Trademarks") to such Agreement;

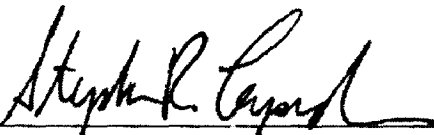
WHEREAS, Section 5(1)(ii) of the Agreement provides that the Collateral Agent shall execute and deliver to the Debtor a termination of all security interest granted by Debtor upon the payment and full performance in full of all obligations incurred under the loan agreement;

WHEREAS, the Debtor has or has caused to be paid and satisfied in full the obligations for which the security interest in the Patents and Trademarks was granted.

NOW THEREFORE, the parties hereto agree that Collateral Agent hereby reassigns to the Debtor the interest in the Patents and Trademarks in which Collateral Agent was granted a security interest under the Patent and Trademark Security Agreement, including but not limited to the Patents listed on Schedule A and to the Trademarks listed on Schedule B hereto. The Collateral Agent also hereby releases its security interest in the Patents and Trademarks including, but not limited to, the Patents and Trademarks listed on Schedules A and B hereto.

IN WITNESS WHEREOF, the parties hereto by the signature below of their duly authorized representatives agree to be bound by the provisions of this Patent and Trademark Security Interest Termination Agreement as of the date of execution, this 9th day of May, 2003.

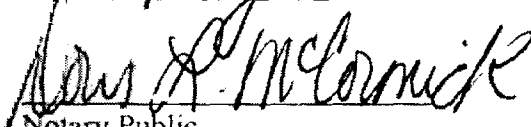
BT COMMERCIAL CORPORATION
As Collateral Agent



Stephen R. Lapidus
Vice President

County of Kings)
State of New York)

Then personally appeared the above named Stephen Lapidus and acknowledged the foregoing act to be his free act and deed, before me, this 9th day of May, 2003.



Notary Public

My commission expires: 01/02/07

BOSTON 1636445v1

DORIS L. McCORMICK
Notary Public, State Of New York
No. 01MC6053166
Qualified in Kings County
Commission Expires 01/02/07

PATENT
REEL: 014074 FRAME: 0764

Schedule A
Patents and Patent Applications

Wang Laboratories, Inc.

Issued U.S. Patents (see attached)
U.S. Patent Applications Pending (see attached)
Issued Foreign Patents (see attached)
Foreign Patent Applications Pending (see attached)

PATENT
REEL: 8246 FRAME: 0095

PATENT
REEL: 014074 FRAME: 0765

Patent No. 4175265
Patent Date 11/20/79
Appln No. 763310
Appln. Date 10/28/76
Title IMPROVED TONER TRANSFER SYSTEM

A. Patents and Patent Applications
I. Wang Laboratories, Inc.
Issued U.S. Patents

Country US
Status ISSUED
Inventors
AM NELSON
DL DAVIS

Patent No. 4176362
Patent Date 11/27/79
Appln No. 758018
Appln. Date 01/10/77
Title HIGH DENSITY MAGNETIC IMAGE RECORDING HEAD

Country US
Status ISSUED
Inventors
AM NELSON
DL DAVIS

Patent No. 4197811
Patent Date 04/15/80
Appln No. 873179
Appln. Date 01/30/78
Title TONER APPLICATOR APPARATUS

Country US
Status ISSUED
Inventors
AM NELSON
DL DAVIS

Patent No. 4198685
Patent Date 04/15/80
Appln No. 959649
Appln. Date 11/13/78
Title TEXT EDITING SYS W/ FLEX REPETITIVE OPER W/ KBOARD INTERACT
IVE FEATURES

Country US
Status ISSUED
Inventors
D CORWIN
H KOPLOW
D MOROS
P ANAGNOSTOPOU

Patent No. 4222557
Patent Date 09/16/80
Appln No. 906581
Appln. Date 05/16/78
Title PRINTER FEEDING AND STACKING

Country US
Status ISSUED
Inventors
ES WU

PATENT
REEL: 8246 FRAME: 0096

PATENT
REEL: 014074 FRAME: 0766

Patent No. 4247906
Patent Date 01/27/81
Appln No. 959704
Appln. Date 11/13/78
Title TEXT EDITING SYSTEM HAVING FLEXIBLE REPETITIVE OPERATION CAPABILITY
Country US
Status ISSUED
Inventors
D CORWIN
H KOPLOW
D MOROS
P ANAGNOSTOPOU

Patent No. 4265196
Patent Date 05/05/81
Appln No. 917424
Appln. Date 06/19/78
Title TONER APPLICATOR APPARATUS

Country US
Status ISSUED
Inventors
AM NELSON
DL DAVIS

Patent No. 4279390
Patent Date 07/21/81
Appln No. 086058
Appln. Date 10/18/79
Title RIBBON CARTRIDGE

Country US
Status ISSUED
Inventors
ES WU
RR SOULARD

Patent No. 4294550
Patent Date 10/13/81
Appln No. 129074
Appln. Date 03/10/80
Title IDEOGRAPHIC TYPEWRITER

Country US
Status ISSUED
Inventors
A WANG

PATENT
REEL: 8246 FRAME: 0097

PATENT
REEL: 014074 FRAME: 0767

Patent No. 4362100
Patent Date 12/07/82
Appln No. 167465
Appln. Date 07/11/80
Title ENVELOPE FEEDER

Country US
Status ISSUED
Inventors
ES WU
RR SOULARD

Patent No. 4378754
Patent Date 04/05/83
Appln No. 290274
Appln. Date 08/05/81
Title TONER APPLICATOR SYSTEM FOR MAGNETOGRAPHY

Country US
Status ISSUED
Inventors
A NELSON
J KULA
J SUDANO

Patent No. 4381966
Patent Date 05/03/83
Appln No. 297610
Appln. Date 08/31/81
Title PROCESS FOR FABRICATING RECODING HEADS FOR MAGNETOGRAPHY

Country US
Status ISSUED
Inventors
H RASEKHI
A NELSON

Patent No. 4386864
Patent Date 06/07/83
Appln No. 204020
Appln. Date 11/04/80
Title INDIVIDUAL SHEET PRINTING APPARATUS

Country US
Status ISSUED
Inventors
A WANG
G CREAN

PATENT
REEL: 8246 FRAME: 0098

PATENT
REEL: 014074 FRAME: 0768

Patent No. 4392179
Patent Date 07/05/83
Appln No. 281747
Appln. Date 07/09/81
Title APPARATUS AND METHOD FOR SEPARATING ADHERING MEDIA ELECTROSTATICALLY
Country US
Status ISSUED
Inventors
H RASEKHI
A NELSON

Patent No. 4393389
Patent Date 07/12/83
Appln No. 228526
Appln. Date 01/26/81
Title MAGNETIC TONER TRANSFER METHOD AND APPARATUS

Country US
Status ISSUED
Inventors
H RASEKHI
A NELSON

Patent No. 4399422
Patent Date 08/16/83
Appln No. 297672
Appln. Date 08/31/81
Title MAGNETIZING APPARATUS

Country US
Status ISSUED
Inventors
A NELSON
H RASEKHI
J SUDANO

Patent No. 4405960
Patent Date 09/20/83
Appln No. 268934
Appln. Date 06/01/81
Title IMPROVEMENTS IN MAGNETOGRAPHIC RECORDING HEADS

Country US
Status ISSUED
Inventors
G PICK
H RASEKHI

PATENT
REEL: 8246 FRAME: 0099

PATENT
REEL: 014074 FRAME: 0769

Patent No. 4408213
Patent Date 10/04/93
Appln No. 292092
Appln. Date 08/12/31
Title PAPER FEED AND FUSING ASSEMBLY FOR MAGNETOGRAPHIC PRINTING
APPARATUS
Country US
Status ISSUED
Inventors
R CEIPLIK

Patent No. 4410941
Patent Date 10/18/83
Appln No. 220902
Appln. Date 12/29/80
Title COMPUTER HAVING INDEXED LOCAL RAM

Country US
Status ISSUED
Inventors
AB BARROW
HH TSIANG

Patent No. 4412263
Patent Date 10/25/83
Appln No. 290272
Appln. Date 08/05/81
Title RECORDING HEAD PROTECTIVE OVERLAY AND CLEANING ARRANGEMENT

Country US
Status ISSUED
Inventors
H RASEKHI
A NELSON
R CIEPLIK

Patent No. 4415906
Patent Date 11/15/83
Appln No. 284045
Appln. Date 07/17/81
Title MAGNETIC RECORDING HEADS

Country US
Status ISSUED
Inventors
J JOHNSTON
F RUPINSKI
W HATFIELD
J. NELSON
H. RASEKHI

PATENT
REEL: 8246 FRAME: 0100

PATENT
REEL: 014074 FRAME: 0770

Patent No. 4439829
Patent Date 03/27/84
Appln No. 542556
Appln. Date 10/17/83
Title DATA PROCESSING MACHINE WITH IMPROVED CACHE MEMORY MANAGEME
NT
Country US
Status ISSUED
Inventors
HH TSIANG

Patent No. 4469454
Patent Date 09/04/84
Appln No. 203945
Appln. Date 11/04/80
Title PRINTER HEAD AND RIBBON CARTRIDGE ASSEMBLY
Country US
Status ISSUED
Inventors
GJ CREAN

Patent No. 4489419
Patent Date 12/18/84
Appln No. 617829
Appln. Date 06/06/84
Title DATA COMMUNICATION SYSTEM
Country US
Status Issued
Inventors
An Wang

Patent No. 4494196
Patent Date 01/15/85
Appln No. 530191
Appln. Date 09/07/83
Title CONTROLLER FOR PERIPHERAL DATA STORAGE UNITS
Country US
Status Issued
Inventors
Michael T. Greer

Patent No. 4509140
Patent Date 04/02/85
Appln No. 391778
Appln. Date 06/24/82
Title DATA TRANSMITTING LINK
Country US
Status ISSUED
Inventors
KL CHEUNG

PATENT
REEL: 8246 FRAME: 0101

PATENT
REEL: 014074 FRAME: 0771

Patent No. 4514063
Patent Date 04/30/85
Appln No. 489642
Appln. Date 04/28/83
Title SCANNER DOCUMENT POSITIONING DEVICE

Country US
Status ISSUED
Inventors
A WANG
BG MCCONCHIE

Patent No. 4521881
Patent Date 06/04/85
Appln No. 317292
Appln. Date 11/02/81
Title DATA COMMUNICATION SYSTEM WITH INCREASED EFFECTIVE BANDWIDT
H

Country US
Status ISSUED
Inventors
G STAPLEFORD
A BORSA

Patent No. 4538112
Patent Date 08/27/85
Appln No. 412626
Appln. Date 08/30/82
Title DETECTOR USING DELAYED UNDERLAYED INPUTS FOR DEMODULATING
FM OR AM SIGNAL

Country US
Status ISSUED
Inventors
R LENA

Patent No. 4543654
Patent Date 09/24/85
Appln No. 463660
Appln. Date 02/03/83
Title INTERFACING A COMMUNICATION NETWORK

Country US
Status ISSUED
Inventors
DJ JONES

PATENT
REEL: 8246 FRAME: 0102

PATENT
REEL: 014074 FRAME: 0772

Patent No. 4553206
Patent Date 11/12/85
Appln No. 538682
Appln. Date 10/03/83
Title IMAGE STORAGE AND RETRIEVAL

Country US
Status ISSUED
Inventors
JM SMUTEK
RI WENIG
NJ WEBB
A WAISMAN

Patent No. 4568210
Patent Date 02/04/86
Appln No. 595063
Appln. Date 03/30/84
Title REVERSIBLE RIBBON CARTRIDGE

Country US
Status ISSUED
Inventors
DJ PRIVITERA

Patent No. 4570258
Patent Date 02/11/86
Appln No. 579611
Appln. Date 02/13/84
Title EXCHANGE SWITCH

Country US
Status ISSUED
Inventors
RA MCCracken

Patent No. 4573110
Patent Date 02/25/86
Appln No. 655846
Appln. Date 09/28/84
Title CONTROL DEVICE

Country US
Status ISSUED
Inventors
DE DRUMM

PATENT
REEL: 8246 FRAME: 0103

PATENT
REEL: 014074 FRAME: 0773

Patent No. 4582957
Patent Date 04/15/86
Appln No. 454894
Appln. Date 12/30/82
Title CALL INTERCEPTOR

Country US
Status ISSUED
Inventors
L BERGERON
R BERGERON
B HAYES
D OSBORNE

Patent No. 4587633
Patent Date 05/06/86
Appln No. 440668
Appln. Date 11/10/82
Title MANAGEMENT COMMUNICATIONS TERMINAL

Country US
Status ISSUED
Inventors
A WANG
SB FRY
SK HO
JM SMUTEK

Patent No. 4595921
Patent Date 06/17/86
Appln No. 522202
Appln. Date 08/11/83
Title A METHOD OF POLLING TO ASCERTAIN SERVICE NEEDS

Country US
Status ISSUED
Inventors
A WANG
G STAPLEFORD
R NEISS

Patent No. 4606002
Patent Date 08/12/86
Appln No. 523527
Appln. Date 08/12/83
Title B-TREE STRUCTURED DATA BASE USING SPARSE ARRAY BIT MAPS TO
STORE INV.....

Country US
Status ISSUED
Inventors
Andrew M. Weiss
Amnon Waisman

PATENT
REEL: 8246 FRAME: 0104

PATENT
REEL: 014074 FRAME: 0774

Patent No. 4625318
Patent Date 11/25/86
Appln No. 703798
Appln. Date 02/21/85
Title FREQUENCY MODULATED MESSAGE TRANSMISSION

Country US
Status ISSUED
Inventors
RJ SNYDER

Patent No. 4627001
Patent Date 12/02/86
Appln No. 439210
Appln. Date 11/03/82
Title EDITING VOICE DATA

Country US
Status ISSUED
Inventors
GN STAPLEFORD
DC OSBORNE

Patent No. 4627673
Patent Date 12/09/86
Appln No. 811590
Appln. Date 12/20/85
Title GROUNDING AND STRAIN RELIEF CLAMP FOR FLAT CABLES

Country US
Status ISSUED
Inventors
GH BARRUS JR

Patent No. 4630030
Patent Date 12/16/86
Appln No. 625877
Appln. Date 06/28/84
Title COMPRESSION OF DATA FOR STORAGE

Country US
Status ISSUED
Inventors
RW ROY

Patent No. 4631521
Patent Date 12/23/86
Appln No. 687629
Appln. Date 12/31/84
Title METHOD AND APPARATUS FOR DIFFERENTIAL RUN-LENGTH CODING

Country US
Status ISSUED
Inventors

PATENT
REEL: 8246 FRAME: 0105

PATENT
REEL: 014074 FRAME: 0775

AM EL-SHERBINI

Patent No. 4631746
Patent Date 12/23/86
Appln No. 466250
Appln. Date 02/14/83
Title COMPRESSION AND EXPANSION OF DIGITIZED VOICE SIGNALS

Country US
Status ISSUED
Inventors
LE BERGERON
DF DALY
E GROSSO

Patent No. 4633430
Patent Date 12/30/86
Appln No. 538726
Appln. Date 10/03/83
Title CONTROL STRUCTURE FOR A DOCUMENT PROCESSING SYTEM

Country US
Status ISSUED
Inventors
JL COOPER

Patent No. 4638118
Patent Date 01/20/87
Appln No. 710198
Appln. Date 03/11/85
Title WRITING PAD

Country US
Status ISSUED
Inventors
A WANG
SK HO
CI MAINEMER

Patent No. 4638178
Patent Date 01/20/87
Appln No. 771872
Appln. Date 09/03/85
Title MODULAR POWER SYSTEM

Country US
Status ISSUED
Inventors
DJ KAYSER

PATENT
REEL: 8246 FRAME: 0106

PATENT
REEL: 014074 FRAME: 0776

Patent No. 4644476
Patent Date 02/17/87
Appln No. 625934
Appln. Date 06/29/84
Title DIALING TONE GENERATION

Country US
Status ISSUED
Inventors
LE BERGERON

Patent No. 4652161
Patent Date 03/24/87
Appln No. 734422
Appln. Date 05/15/85
Title SHEET FEEDING APPARATUS

Country US
Status ISSUED
Inventors
GJ CREAN
RR SOULARD

Patent No. 4653088
Patent Date 03/24/87
Appln No. 715421
Appln. Date 03/25/85
Title TELEPHONE CIRCUITRY WITH POWER BACKUP

Country US
Status ISSUED
Inventors
SC BUDD
R GAUGHAN

Patent No. 4656605
Patent Date 04/07/87
Appln No. 873879
Appln. Date 06/12/86
Title SINGLE IN-LINE MEMORY MODULE

Country US
Status ISSUED
Inventors
James E. Clayton

PATENT
REEL: 8246 FRAME: 0107

PATENT
REEL: 014074 FRAME: 0777

Patent No. 4658351
Patent Date 04/14/87
Appln No. 658951
Appln. Date 10/09/84
Title TASK CONTROL MEANS FOR A MULTI-TASKING DATA PROCESSING SYST
EM (AMENDED)
Country US
Status ISSUED
Inventors
PY TENG

Patent No. 4668962
Patent Date 05/26/87
Appln No. 873438
Appln. Date 06/05/86
Title THERMAL PRINT HEAD

Country US
Status ISSUED
Inventors
RA STALLKAMP

Patent No. 4672679
Patent Date 06/09/87
Appln No. 523739
Appln. Date 08/16/83
Title CONTEXT REDUNDANCY TEXT COMPRESSION

Country US
Status ISSUED
Inventors
EA FREEMAN

Patent No. 4675903
Patent Date 06/23/87
Appln No. 893465
Appln. Date 08/08/86
Title TELEPHONE HANDSET ASSEMBLY

Country US
Status ISSUED
Inventors
HA GULEZIAN
RW HARGRAVE
WE MAGRO

PATENT
REEL: 8246 FRAME: 0108

PATENT
REEL: 014074 FRAME: 0778

Patent No. 4677475
Patent Date 06/30/87
Appln No. 719832
Appln. Date 04/03/85
Title METHOD OF COUPLING I.D. TABS TO MICROFICHE FOR USE IN . . .
(AS AMENDED)
Country US
Status ISSUED
Inventors
TE BROWN

Patent No. 4684185
Patent Date 08/04/87
Appln No. 794208
Appln. Date 11/01/85
Title APPARATUS FOR ATTACHING CABLE TO A KEYBOARD
Country US
Status ISSUED
Inventors
MD ARNEY
CE LACOUNT

Patent No. 4685082
Patent Date 08/04/87
Appln No. 704359
Appln. Date 02/22/85
Title SIMPLIFIED CACHE WITH AUTOMATIC UPDATE
Country US
Status ISSUED
Inventors
KL CHEUNG
JW EINARSON

Patent No. 4688167
Patent Date 08/18/87
Appln No. 655280
Appln. Date 09/27/84
Title SCREEN NAMAGER FOR A DATA PROCESSING SYSTEM
Country US
Status ISSUED
Inventors
AK AGARWAL

PATENT
REEL: 8246 FRAME: 0109

PATENT
REEL: 014074 FRAME: 0779

Patent No. 4696031
Patent Date 09/22/87
Appln No. 815424
Appln. Date 12/31/85
Title SIGNAL DETECTION & DISCRIMINATION USING WAVEFORM PEAK
FACTOR
Country US
Status ISSUED
Inventors
Richard L. Freudberg
Marshall B. Garrison

Patent No. 4703909
Patent Date 11/03/87
Appln No. 911477
Appln. Date 09/25/86
Title ERGONOMIC EQUIPMENT ARM

Country US
Status ISSUED
Inventors
DC DAYTON
JD ARDITO

Patent No. 4710903
Patent Date 12/01/87
Appln No. 846328
Appln. Date 03/31/86
Title PSEUDO-STATIC MEMORY SUBSYSTEM

Country US
Status ISSUED
Inventors
M HERETH
PA MARTIN

Patent No. 4713754
Patent Date 12/15/87
Appln No. 658952
Appln. Date 10/09/84
Title DATA STRUCTURE FOR A DOCUMENT PROCESSING SYSTEM (AS AMENDED
)
Country US
Status ISSUED
Inventors
AK AGARWAL
SC KNAPP
DR LAKNESS

PATENT
REEL: 8246 FRAME: 0110

PATENT
REEL: 014074 FRAME: 0780

Patent No. 4716545
Patent Date 12/29/87
Appln No. 713365
Appln. Date 03/19/85
Title MEMORY MEANS WITH MULTIPLE WORD READ AND SINGLE WORD WRITE

Country US
Status ISSUED
Inventors
DL WHIPPLE
ED MANN

Patent No. 4719622
Patent Date 01/12/88
Appln No. 712492
Appln. Date 03/15/85
Title SYSTEM BUS MEANS FOR INTER-PROCESSOR COMMUNICATION

Country US
Status ISSUED
Inventors
DL WHIPPLE
TR KIBLER
RC NASH

Patent No. 4720625
Patent Date 01/19/88
Appln No. 018811
Appln. Date 02/04/87
Title FUNCTION STRIP ATTACHMENT (AS AMENDED)

Country US
Status ISSUED
Inventors
MD ARNEY
CE LACOUNT

Patent No. 4720828
Patent Date 01/19/88
Appln No. 846335
Appln. Date 03/31/86
Title I/O HANDLER

Country US
Status ISSUED
Inventors
DJ JONES

PATENT
REEL: 8246 FRAME: 0111

PATENT
REEL: 014074 FRAME: 0781

Patent No. 4727480
Patent Date 02/23/88
Appln No. 629028
Appln. Date 07/09/84
Title EMULATION OF A DATA PROCESSING SYSTEM

Country US
Status ISSUED
Inventors
L ALBRIGHT
D ANGEL
P KLOS
Moskun
Tyler

Patent No. 4727513
Patent Date 02/23/88
Appln No. 016704
Appln. Date 02/20/87
Title SINGLE IN-LINE MEMORY MODULE

Country US
Status ISSUED
Inventors
JE CLAYTON

Patent No. 4733351
Patent Date 03/22/88
Appln No. 688120
Appln. Date 12/31/84
Title TERMINAL PROTOCOLS

Country US
Status ISSUED
Inventors
RJ PEIRENT

Patent No. 4736318
Patent Date 04/05/83
Appln No. 707304
Appln. Date 03/01/85
Title DATA PROCESSING SYSTEM HAVING TUNABLE OPERATING SYSTEM MEANS

Country US
Status ISSUED
Inventors
D DELYANI
CE JABLOW

PATENT
REEL: 8246 FRAME: 0112

PATENT
REEL: 014074 FRAME: 0782

Patent No. 4739451
Patent Date 04/19/88
Appln No. 948280
Appln. Date 12/31/86
Title MODULARLY EXPANDABLE DESKTOP KEYBOARD

Country US
Status ISSUED
Inventors
LM KUBA

Patent No. 4742553
Patent Date 05/03/88
Appln No. 005745
Appln. Date 06/26/86
Title RESOLUTION CONVERSION OF BITMAP IMAGES USING ERROR TERM AVE
RAGING

Country US
Status ISSUED
Inventors
K IRWIN

Patent No. 4744446
Patent Date 05/17/88
Appln No. 112204
Appln. Date 10/22/87
Title APPARATUS FOR TEMPORARILY ATTACHING ONE ITEM OF LUGGAGE TO
ANOTHER

Country US
Status ISSUED
Inventors
MD ARNEY

Patent No. 4746766
Patent Date 05/24/88
Appln No. 024735
Appln. Date 03/11/87
Title SHIELDED FLEXING CONNECTOR

Country US
Status ISSUED
Inventors
R SOULARD

Patent No. 4747070
Patent Date 05/24/88
Appln No. 568997
Appln. Date 01/09/84
Title RECONFIGURABLE MEMORY SYSTEM

Country US
Status ISSUED
Inventors
R TROTTIER

PATENT
REEL: 8246 FRAME: 0113

PATENT
REEL: 014074 FRAME: 0783

J MACDONALD
J MARTINS
D KAYSER

Patent No. 4750898
Patent Date 06/14/88
Appln No. 044372
Appln. Date 04/30/87
Title ANTI TAMPER SHROUD FOR CABLE CONNECTOR

Country US
Status ISSUED
Inventors
R SOULARD

Patent No. 4751669
Patent Date 06/14/88
Appln No. 719777
Appln. Date 04/04/85
Title VIDEOTEX FRAME PROCESSING (AS AMENDED)

Country US
Status ISSUED
Inventors
SP STURGIS
WT HAGGERTY
BC SANGSTER

Patent No. 4751740
Patent Date 06/14/88
Appln No. 679675
Appln. Date 12/10/84
Title APPARATUS, METHOD AND STRUCTURE FOR TRANSLATING A DOCUMENT HAVING ONE . . .

Country US
Status ISSUED
Inventors
TJ WRIGHT

Patent No. 4757446
Patent Date 07/12/83
Appln No. 847086
Appln. Date 04/01/86
Title HIGH-SPEED LINK FOR CONNECTING PEER SYSTEM

Country US
Status ISSUED
Inventors
RR TROTTIER
DA REEDER

PATENT
REEL: 8246 FRAME: 0114

PATENT
REEL: 014074 FRAME: 0784

Patent No. 4760606
Patent Date 07/26/88
Appln No. 880409
Appln. Date 06/30/86
Title DIGITAL IMAGING FILE PROCESSING SYSTEM

Country US
Status ISSUED
Inventors
BR SILVER
E LESNICK

Patent No. 4763294
Patent Date 08/09/88
Appln No. 810795
Appln. Date 12/19/85
Title METHOD AND APPARATUS FOR FLOATING POINT OPERATIONS

Country US
Status ISSUED
Inventors
AS FONG

Patent No. 4778947
Patent Date 10/18/83
Appln No. 097780
Appln. Date 09/16/87
Title CABLE TERMINAL ASSEMBLY

Country US
Status ISSUED
Inventors
GA ENGELHARDT

Patent No. 4779209
Patent Date 10/18/88
Appln No. 913178
Appln. Date 11/17/86
Title EDITING VOICE DATA

Country US
Status ISSUED
Inventors
GN STAPLEFORD
DC OSBORNE

PATENT
REEL: 8246 FRAME: 0115

PATENT
REEL: 014074 FRAME: 0785

Patent No. 4786193
Patent Date 11/22/88
Appln No. 613677
Appln. Date 05/24/84
Title PRESSURE ROLLER ASSEMBLY

Country US
Status ISSUED
Inventors
RE QUINN JR

Patent No. 4791557
Patent Date 12/13/88
Appln No. 761213
Appln. Date 07/31/85
Title APPARATUS & METHOD FOR MONITORING & CONTROLLING PREFETCHING
INSTRUC...

Country US
Status ISSUED
Inventors
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G CARDONE
M HOLBROOK
MOSKUN
PATTERSON

Patent No. 4791561
Patent Date 12/13/88
Appln No. 171232
Appln. Date 03/21/89
Title INTERACTIVE CONSTRUCTION OF MEANS FOR DATA BASE MANAGEMENT

Country US
Status ISSUED
Inventors
VJ HUBER

Patent No. 4792921
Patent Date 12/20/88
Appln No. 841070
Appln. Date 03/18/86
Title NETWORK EVENT IDENTIFIERS

Country US
Status ISSUED
Inventors
DW CORWIN

PATENT
REEL: 8246 FRAME: 0116

PATENT
REEL: 014074 FRAME: 0786

Patent No. 4799187
Patent Date 01/17/89
Appln No. 080722
Appln. Date 07/30/87
Title MEMORY ADDRESS GENERATOR WITH DEVICE ADDRESS TYPE SPECIFIER
(AMENDED)
Country US
Status ISSUED
Inventors
JW EINARSON
KL CHEUNG

Patent No. 4799254
Patent Date 01/17/89
Appln No. 880438
Appln. Date 06/30/86
Title PORTABLE COMMUNICATION TERMINAL FOR REMOTE DATABASE QUERY
Country US
Status ISSUED
Inventors
DC DAYTON
R BERGERON
DR SHRINER

Patent No. 4805099
Patent Date 02/14/89
Appln No. 172992
Appln. Date 03/21/88
Title RETRIEVAL OF RELATED RECORDS FROM A RELATIONAL DATABASE
Country US
Status ISSUED
Inventors
VJ HUBER

Patent No. 4805207
Patent Date 02/14/89
Appln No. 773759
Appln. Date 09/09/85
Title MESSAGE TAKING AND RETRIEVAL SYSTEM
Country US
Status ISSUED
Inventors
RM SCHENKEIN
AMM MCNUTT

PATENT
REEL: 8246 FRAME: 0117

PATENT
REEL: 014074 FRAME: 0787

Patent No. 4807142
Patent Date 02/21/89
Appln No. 659203
Appln. Date 10/09/84
Title SCREEN MANAGER FOR A MULTIPLE VIEWPORT FOR A MULTI TASKING
... (AS AMENDED)
Country US
Status ISSUED
Inventors
AK AGARWAL

Patent No. 4807842
Patent Date 02/28/89
Appln No. 103619
Appln. Date 09/30/87
Title TILT APPARATUS FOR A DISPLAY MONITOR

Country US
Status ISSUED
Inventors
JL FRENI
JD ARDITO

Patent No. 4808980
Patent Date 02/28/89
Appln No. 112199
Appln. Date 10/22/87
Title ELECTRONIC LIGHT POINTER FOR A PROJECTION MONITOR

Country US
Status ISSUED
Inventors
DE DRUMM

Patent No. 4809220
Patent Date 02/28/89
Appln No. 029359
Appln. Date 03/23/87
Title ELECTRONIC PROCESSING SYSTEM USING PRINTER...WITH FORMS

Country US
Status ISSUED
Inventors
KA CARLSON
JF LEBRUN
S GIACOMAZZO
JD SAPERIA

PATENT
REEL: 8246 FRAME: 0118

PATENT
REEL: 014074 FRAME: 0788

Patent No. 4814760
Patent Date 03/21/89
Appln No. 045732
Appln. Date 04/30/87
Title INFORMATION DISPLAY AND ENTRY DEVICE

Country US
Status ISSUED
Inventors
JP JOHNSTON
DL RUSSELL

Patent No. 4815030
Patent Date 03/21/89
Appln No. 903495
Appln. Date 09/03/86
Title MULTITASK SUBSCRIPTION DATA RETRIEVAL SYSTEM

Country US
Status ISSUED
Inventors
CROSS, Charles B.
MOY, Diana

Patent No. 4823290
Patent Date 04/18/89
Appln No. 076235
Appln. Date 07/21/87
Title METHOD AND APPARATUS FOR MONITORING THE OPERATING
ENVIRONMENT OF A COMPUTER SYSTEM

Country US
Status Issued
Inventors
Martin L. Fasack
William A. Rutz
Robert G. Voll

Patent No. 4823310
Patent Date 04/18/89
Appln No. 084253
Appln. Date 08/10/87
Title DEVICE FOR ENABLING CONCURRENT ACCESS OF INDEX SEQUENTIAL D
ATA FILES

Country US
Status ISSUED
Inventors
A GRAND

PATENT
REEL: 8246 FRAME: 0119

PATENT
REEL: 014074 FRAME: 0789

Patent No. 4825409
Patent Date 04/25/89
Appln No. 733159
Appln. Date 05/13/85
Title NMOS DATA STORAGE CELL FOR CLOCKED SHIFT REGISTER

Country US
Status ISSUED
Inventors
JM BESSOLO
MA WOLF

Patent No. 4831654
Patent Date 05/16/89
Appln No. 774116
Appln. Date 09/09/85
Title APPARATUS FOR MAKING & EDITING DICTIONARY ENT. TEXT TO SPEECH
CONVERS

Country US
Status ISSUED
Inventors
CR DICK

Patent No. 4833655
Patent Date 05/23/89
Appln No. 750723
Appln. Date 06/28/85
Title FIFO MEMORY WITH DECREASED FALL-THROUGH DELAY

Country US
Status ISSUED
Inventors
MA WOLF
JM BESSOLO

Patent No. 4836343
Patent Date 06/06/89
Appln No. 166839
Appln. Date 03/09/88
Title APPARATUS FOR TEMPORARILY ATTACHING ONE OBJECT TO ANOTHER

Country US
Status ISSUED
Inventors
MD ARNEY

PATENT
REEL: 8246 FRAME: 0120

PATENT
REEL: 014074 FRAME: 0790

Patent No. 4844388
Patent Date 07/04/89
Appln No. 169086
Appln. Date 03/17/88
Title SUPPORT ARM FOR COMPUTER KEYBOARD

Country US
Status ISSUED
Inventors
LM KUBA
DJ PRIVITERA

Patent No. 4849878
Patent Date 07/18/89
Appln No. 061597
Appln. Date 06/18/87
Title SELF EXTENDING MEMORY FILE

Country US
Status ISSUED
Inventors
RW ROY

Patent No. 4850029
Patent Date 07/18/89
Appln No. 754685
Appln. Date 07/15/85
Title ADAPTIVE THRESHOLD CIRCUIT FOR IMAGE PROCESSING

Country US
Status ISSUED
Inventors
VJ MESSINA
AL MOYER

Patent No. 4850892
Patent Date 07/25/89
Appln No. 150009
Appln. Date 02/03/88
Title CONNECTING APPARATUS FOR ELECTRICALLY CONNECTING MEMORY MODULES TO PCB

Country US
Status ISSUED
Inventors
JE CLAYTON
H SHAMASH

PATENT
REEL: 8246 FRAME: 0121

PATENT
REEL: 014074 FRAME: 0791

Patent No. 4851988
Patent Date 07/25/89
Appln No. 846665
Appln. Date 03/31/86
Title LOOSELY-COUPLED COMPUTER SYSTEM USING GLOBAL IDENTIFIERS...

Country US
Status ISSUED
Inventors
C PARKER
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G STANTON
ET AL

Patent No. 4868888
Patent Date 09/19/89
Appln No. 920806
Appln. Date 10/17/86
Title AUDIO COMMUNICATIONS MODULE FOR AN OFFICE CHAIR

Country US
Status ISSUED
Inventors
DC DAYTON

Patent No. 4872733
Patent Date 10/10/89
Appln No. 291802
Appln. Date 12/29/88
Title MULTI-POSITION BASE FOR SUPPORTING A CABINET

Country US
Status ISSUED
Inventors
TA TEDHAM
SE LEUNG

Patent No. 4879753
Patent Date 11/07/89
Appln No. 246940
Appln. Date 09/16/83
Title THRESHOLDING ALGORITHM SELECTION APPARATUS

Country US
Status ISSUED
Inventors
AM EL-SHERBINI

PATENT
REEL: 8246 FRAME: 0122

PATENT
REEL: 014074 FRAME: 0792

Patent No. 4882674
Patent Date 11/21/89
Appln No. 166838
Appln. Date 03/09/88
Title APPARATUS AND METHOD FOR CONTROL OF ONE COMPUTER SYSTEM BY
ANOTHER SYSTEM
Country US
Status ISSUED
Inventors
JM QUINT
IB TOMASZEWSKI

Patent No. 4888690
Patent Date 12/19/89
Appln No. 171231
Appln. Date 03/21/88
Title INTERACTIVE ERROR HANDLING MEANS IN DATABASE MANAGEMENT
Country US
Status ISSUED
Inventors
VJ HUBER

Patent No. 4896290
Patent Date 01/23/90
Appln No. 088936
Appln. Date 08/24/87
Title METHOD FOR ROUTING EVENTS FROM KEY STROKES IN A MULTI-PROC.
COMPUTER...
Country US
Status ISSUED
Inventors
D RHODES
E RUSTICI
K CARTER

Patent No. 4897780
Patent Date 01/30/90
Appln No. 135501
Appln. Date 12/18/87
Title DOCUMENT MANAGER SYSTEM FOR ALLOCATING STORAGE LOCATIONS...
Country US
Status ISSUED
Inventors
DR LAKNESS

PATENT
REEL: 8246 FRAME: 0123

PATENT
REEL: 014074 FRAME: 0793

Patent No. 4897812
Patent Date 01/30/90
Appln No. 878450
Appln. Date 06/25/86
Title GRAPHICS ADAPTER

Country US
Status ISSUED
Inventors
PA LESSARD
JF MCDONALD

Patent No. 4905181
Patent Date 02/27/90
Appln No. 040405
Appln. Date 04/20/87
Title INTERACTIVE SYSTEM WITH STATE MANAGER SUBSYSTEM (AMENDED)

Country US
Status ISSUED
Inventors
KE GREGORY

Patent No. 4908750
Patent Date 03/13/90
Appln No. 807622
Appln. Date 12/11/85
Title DATA PROCESSING SYSTEM HAVING TUNABLE OPERATING SYSTEM MEAN
S

Country US
Status ISSUED
Inventors
D DELYANI
CE JABLOW

Patent No. 4916603
Patent Date 04/10/90
Appln No. 170483
Appln. Date 03/18/88
Title DISTRIEUTED REFERENCE AND CHANGE TABLE FOR A VIRTUAL MEMORY
SYSTEM

Country US
Status ISSUED
Inventors
RP RYAN
KL CHEUNG

PATENT
REEL: 8246 FRAME: 0124

PATENT
REEL: 014074 FRAME: 0794

Patent No. 4916633
Patent Date 04/10/90
Appln No. 030250
Appln. Date 03/24/87
Title EXPERT SYSTEM APPARATUS AND METHOD

Country US
Status ISSUED
Inventors
LP TYCHONIEVIC
RW BOLLING

Patent No. 4918588
Patent Date 04/17/90
Appln No. 948375
Appln. Date 12/31/86
Title OFFICE AUTOMATION SYSTEM WITH INTEGRATED IMAGE MANAGEMENT

Country US
Status ISSUED
Inventors
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Patent No. 4918593
Patent Date 04/17/90
Appln No. 001474
Appln. Date 01/08/87
Title IMPROVED RELATIONAL DATA BASE SYSTEM

Country US
Status ISSUED
Inventors
VJ HUBER

Patent No. 4918645
Patent Date 04/17/90
Appln No. 098449
Appln. Date 09/17/87
Title COMPUTER BUS HAVING PAGE MODE MEMORY ACCESS

Country US
Status ISSUED
Inventors
BEJ LAGOY JR

PATENT
REEL: 8246 FRAME: 0125

PATENT
REEL: 014074 FRAME: 0795

Patent No. 4926419
Patent Date 05/15/90
Appln No. 317100
Appln. Date 02/28/89
Title PRIORITY APPARATUS

Country US
Status ISSUED
Inventors
DL WHIPPLE

Patent No. 4932022
Patent Date 06/05/90
Appln No. 326405
Appln. Date 03/20/89
Title INTEGRATED VOICE AND DATA TELEPHONE SYSTEM

Country US
Status ISSUED
Inventors
CG KEENEY
ET AL

Patent No. 4932026
Patent Date 06/05/90
Appln No. 944500
Appln. Date 12/19/86
Title APPARATUS FOR DISTRIBUTING DATA PROCESSING ACROSS PLURALITY
OF LOCI...

Country US
Status ISSUED
Inventors
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Patent No. 4935828
Patent Date 06/19/90
Appln No. 213430
Appln. Date 06/30/88
Title SEEK MULTITASKING DISK CONTROLLER

Country US
Status ISSUED
Inventors
JM FRISSELL

PATENT
REEL: 8246 FRAME: 0126

PATENT
REEL: 014074 FRAME: 0796

Patent No. 4939641
Patent Date 07/03/90
Appln No. 213556
Appln. Date 06/30/88
Title MULTI-PROCESSOR SYSTEM WITH CACHE MEMORIES

Country US
Status ISSUED
Inventors
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Patent No. 4942515
Patent Date 07/17/90
Appln No. 846337
Appln. Date 03/31/86
Title SERIAL COMMUNICATIONS CONTROLLER WITH FIFO REGISTER..

Country US
Status ISSUED
Inventors
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Patent No. 4942540
Patent Date 07/17/90
Appln No. 020838
Appln. Date 03/02/87
Title METHOD & APPARATUS FOR SPECIFICATION OF COMMUNICATIONS PARAMETERS

Country US
Status ISSUED
Inventors
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Patent No. 4943966
Patent Date 07/24/90
Appln No. 179162
Appln. Date 04/08/83
Title MEMORY DIAGNOSTIC APPARATUS AND METHOD

Country US
Status ISSUED
Inventors
GIUNTA
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PATENT
REEL: 8246 FRAME: 0127

PATENT
REEL: 014074 FRAME: 0797

Patent No. 4954966
Patent Date 09/04/90
Appln No. 907294
Appln. Date 09/12/86
Title IMPROVED TERMINAL

Country US
Status ISSUED
Inventors
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Patent No. 4959769
Patent Date 09/25/90
Appln No. 122594
Appln. Date 11/17/87
Title STRUCTURE AND METHODS FOR REPRESENTING AND PROCESSING DOCUMENTS (AMEND)

Country US
Status ISSUED
Inventors
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Patent No. 4959829
Patent Date 09/25/90
Appln No. 331468
Appln. Date 03/30/89
Title DUAL CABLE COMMUNICATION SYSTEM

Country US
Status ISSUED
Inventors
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Patent No. 4967368
Patent Date 10/30/90
Appln No. 371434
Appln. Date 06/05/89
Title EXPERT SYSTEM WITH KNOWLEDGE BASE HAVING TERM DEFINITION HIERARCHY

Country US
Status ISSUED
Inventors
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ET AL

PATENT
REEL: 8246 FRAME: 0128

PATENT
REEL: 014074 FRAME: 0798

Patent No. 4971277
Patent Date 11/20/90
Appln No. 271206
Appln. Date 11/14/88
Title ADAPTER SUPPORT

Country US
Status ISSUED
Inventors
TA TEDHAM
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Patent No. 4974149
Patent Date 11/27/90
Appln No. 497757
Appln. Date 03/20/90
Title DATA DISTRIBUTION APPARATUS AND METHOD

Country US
Status ISSUED
Inventors
AP VALENTI

Patent No. 4974174
Patent Date 11/27/90
Appln No. 399418
Appln. Date 08/23/89
Title ALIGNMENT METHOD FOR POSITIONING TEXTUAL AND GRAPHIC OBJECT
S
Country US
Status ISSUED
Inventors
BS KLEINMAN

Patent No. 4996662
Patent Date 02/26/91
Appln No. 538644
Appln. Date 10/03/83
Title DATA STRUCTURE FOR A DOCUMENT PROCESSING SYSTEM

Country US
Status ISSUED
Inventors
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PATENT
REEL: 8246 FRAME: 0129

PATENT
REEL: 014074 FRAME: 0799

Patent No. 5003463
Patent Date 03/26/91
Appln No. 213401
Appln. Date 06/30/88
Title INTERFACE CONTROLLER WITH FIRST AND SECOND BUFFER STORAGE A
REA FOR...
Country US
Status ISSUED
Inventors
RW COYLE
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Patent No. 5006836
Patent Date 04/09/91
Appln No. 206549
Appln. Date 06/14/83
Title SQUEEZABLE COMPUTER CONTROL DEVICE

Country US
Status ISSUED
Inventors
JL COOPER

Patent No. 5021995
Patent Date 06/04/91
Appln No. 809985
Appln. Date 12/17/85
Title DATA EXCHANGE APPARATUS AND METHODS

Country US
Status Issued
Inventors
JM QUINT
JM PRATT

Patent No. 5034880
Patent Date 07/23/91
Appln No. 288506
Appln. Date 12/22/88
Title APPARATUS & METHOD FOR EXECUTING A CONDITIONAL BRANCH INSTR
UCTION
Country US
Status ISSUED
Inventors
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R BECKER
A FONG
J DELMONTE

PATENT
REEL: 8246 FRAME: 0130

PATENT
REEL: 014074 FRAME: 0800

Patent No. 5043891
Patent Date 08/27/91
Appln No. 403256
Appln. Date 09/05/89
Title DOCUMENT GENERATION APPARATUS AND METHODS

Country US
Status ISSUED
Inventors
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D. Shannon
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Patent No. 5054096
Patent Date 10/01/91
Appln No. 261515
Appln. Date 10/24/88
Title METHOD AND APPARATUS FOR CONVERTING DOCUMENT INTO
ELECTRONIC DATA FOR TRANSACTIONS PROCESSING

Country US
Status Issued
Inventors
Mordechai M. Beizer

Patent No. 5055998
Patent Date 10/08/91
Appln No. 206638
Appln. Date 06/14/88
Title INTERMEDIATE SPREADSHEET STRUCTURE

Country US
Status ISSUED
Inventors
TJ WRIGHT
S MAYO
R LISCHNER

Patent No. 5060135
Patent Date 10/22/91
Appln No. 265685
Appln. Date 11/01/88
Title APPARATUS FOR MANIPULATING DOCUMENTS IN A DATA PROCESSING S
YSTEM

Country US
Status ISSUED
Inventors
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PATENT
REEL: 8246 FRAME: 0131

PATENT
REEL: 014074 FRAME: 0801

Patent No. 5062036
Patent Date 10/29/91
Appln No. 333818
Appln. Date 04/03/89
Title IMPROVED INSTRUCTION PREFETCHER

Country US
Status ISSUED
Inventors
A BARROW
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JW EINARSON
SA KHAN

Patent No. 5062041
Patent Date 10/29/91
Appln No. 291847
Appln. Date 12/29/88
Title PROCESSOR/COPROCESSOR INTERFACE APPARATUS INCLUDING MICROINSTRUCTIONS...

Country US
Status ISSUED
Inventors
William S. Zuk
Anthony S. Fong
(added to US only)

Patent No. 5062076
Patent Date 10/29/91
Appln No. 754116
Appln. Date 07/12/85
Title CASCADABLE, HIGH-BANDWIDTH, MULTI-CHANNEL IMAGE TRANSFER CONTROLLER

Country US
Status ISSUED
Inventors
SK HO
GW AUGUDELO

Patent No. 5068645
Patent Date 11/26/91
Appln No. 588499
Appln. Date 09/25/90
Title COMPUTER INPUT DEVICE USING ORIENTATION SENSOR

Country US
Status ISSUED
Inventors
DE DRUMM

PATENT
REEL: 8246 FRAME: 0132

PATENT
REEL: 014074 FRAME: 0802

Patent No. 5077733
Patent Date 12/31/91
Appln No. 405792
Appln. Date 09/11/89
Title PRIORITY APPARATUS HAVING PROGRAMMABLE NODE DWELL TIME

Country US
Status ISSUED
Inventors
DL WHIPPLE

Patent No. 5078515
Patent Date 01/07/92
Appln No. 622691
Appln. Date 12/05/90
Title OPTICAL FIBER CONNECTOR APPARATUS AND METHOD

Country US
Status ISSUED
Inventors
RR SOULARD
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Patent No. 5092552
Patent Date 03/03/92
Appln No. 517511
Appln. Date 04/27/90
Title ERGONOMIC EQUIPMENT ARM

Country US
Status ISSUED
Inventors
DC DAYTON
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Patent No. 5093776
Patent Date 03/03/92
Appln No. 367297
Appln. Date 06/15/89
Title INFORMATION PROCESSING SYSTEM EMULATION APPARATUS & METHOD

Country US
Status ISSUED
Inventors
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PATENT
REEL: 8246 FRAME: 0133

PATENT
REEL: 014074 FRAME: 0803

Patent No. 5097408
Patent Date 03/17/92
Appln No. 450505
Appln. Date 12/14/89
Title DATABASE MANAGEMENT MEANS

Country US
Status ISSUED
Inventors
VJ HUBER

Patent No. 5097409
Patent Date 03/17/92
Appln No. 719064
Appln. Date 06/18/91
Title MULTI-PROCESSOR SYSTEM WITH CACHE MEMORIES

Country US
Status ISSUED
Inventors
RD BECKER
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Patent No. 5101081
Patent Date 03/31/92
Appln No. 675250
Appln. Date 03/25/91
Title GRAPHICS SURFACE ASSEMBLY WITH CALIBRATING MEMORY DEVICE

Country US
Status ISSUED
Inventors
Donald E. Drumm

Patent No. 5101478
Patent Date 03/31/92
Appln No. 228768
Appln. Date 08/04/88
Title I/O STRUCTURE FOR INFORMATION PROCESSING SYSTEM

Country US
Status ISSUED
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TROTIER
ET AL

PATENT
REEL: 8246 FRAME: 0134

PATENT
REEL: 014074 FRAME: 0804

Patent No. 5109519
Patent Date 04/28/92
Appln No. 329744
Appln. Date 03/28/89
Title LOCAL COMPUTER PARTICIPATING IN MAIL DELIVERY SYSTEM...DIRE
CTORY...
Country US
Status ISSUED
Inventors
CS ZIMMET
R AMICO
MF KEEFE

Patent No. 5111086
Patent Date 05/05/92
Appln No. 615729
Appln. Date 11/19/90
Title ADJUSTING DELAY CIRCUITRY
Country US
Status ISSUED
Inventors
PR BACK

Patent No. 5111397
Patent Date 05/05/92
Appln No. 449693
Appln. Date 12/11/89
Title MANAGING LENGTHY FOOTNOTES IN A WORD PROCESSING DOCUMENT
Country US
Status ISSUED
Inventors
Chirokas
Michaud
McDeed
Shiel
Soper
Mascio

Patent No. 5113393
Patent Date 05/12/92
Appln No. 504145
Appln. Date 04/03/90
Title APPARATUS FOR DISTRIBUTING DATA PROCESSING
Country US
Status ISSUED
Inventors
J KAM
LM TRUCHON
TC GOODALE
JT DALTON

PATENT
REEL: 8246 FRAME: 0135

PATENT
REEL: 014074 FRAME: 0805

Patent No. 5122785
Patent Date 06/16/92
Appln No. 601033
Appln. Date 10/22/90
Title SQUEEZABLE CONTROL DEVICE FOR COMPUTER DISPLAY SYSTEMS

Country US
Status ISSUED
Inventors
JL COOPER

Patent No. 5123108
Patent Date 06/16/92
Appln No. 405794
Appln. Date 09/11/89
Title IMPROVED CPU PIPELINE HAVING REGISTER FILE BYPASS ON UPDATE
/ACCESS...

Country US
Status ISSUED
Inventors
SW OLSON
JB MACDONALD

Patent No. 5124912
Patent Date 06/23/92
Appln No. 050796
Appln. Date 05/15/87
Title MEETING MANAGEMENT DEVICE

Country US
Status ISSUED
Inventors
B HOTALING
S DENIER
GJ OTTAVIANO
G DEMETRIOU

Patent No. 5125075
Patent Date 06/23/92
Appln No. 474660
Appln. Date 02/05/90
Title ELECTRONIC MAIL CIRCULATION DEVICE

Country US
Status ISSUED
Inventors
TC GOODALE
J HANSON
LM TRUCHON

PATENT
REEL: 8246 FRAME: 0136

PATENT
REEL: 014074 FRAME: 0806

Patent No. 5129061
Patent Date 07/07/92
Appln No. 659461
Appln. Date 02/25/91
Title COMPOSITE DOCUMENT ACCESSING & PROCESSING TERMINAL W/ GRAPH
IC & TEXT...
Country US
Status ISSUED
Inventors
A WANG
SB FRY
SK HO
JM SMUTEK

Patent No. 5142655
Patent Date 08/25/92
Appln No. 772195
Appln. Date 10/07/91
Title CCMPUTER INPUT DEVICE USING ORIENTATION SENSOR
Country US
Status ISSUED
Inventors
DE DRUMM

Patent No. 5148155
Patent Date 09/15/92
Appln No. 613324
Appln. Date 11/13/90
Title COMPUTER WITH TABLET INPUT TO STANDARD PROGRAMS
Country US
Status ISSUED
Inventors
PA MARTIN
JT HUNTINGTON
MJ MCNALLY
DM Barrett

Patent No. 5151999
Patent Date 09/29/92
Appln No. 431607
Appln. Date 11/03/89
Title SERIAL COMMUNICATIONS CONTROLLER FOR TRANSFER OF SUCCESSIVE
DATA...
Country US
Status ISSUED
Inventors
T MARZUCCO
J KORPUSIK
PA MARTIN

PATENT
REEL: 8246 FRAME: 0137

PATENT
REEL: 014074 FRAME: 0807

Patent No. 5155735
Patent Date 10/13/92
Appln No. 176801
Appln. Date 03/31/88
Title IMPROVED PARITY CHECKING APPARATUS

Country US
Status ISSUED
Inventors
RC NASH JR
PA MORRISON

Patent No. 5155813
Patent Date 10/13/92
Appln No. 753014
Appln. Date 08/23/91
Title COMPUTER APPARATUS FOR BRUSH STYLED WRITING

Country US
Status ISSUED
Inventors
K DONOGHUE
KC KNOWLTON

Patent No. 5155834
Patent Date 10/13/92
Appln No. 463640
Appln. Date 01/11/90
Title REFERENCE & CHANGE TABLE STORAGE SYSTEM FOR A VIRTUAL MEMOR
Y DP SYSTEM....

Country US
Status ISSUED
Inventors
RP RYAN
KL CHEUNG

Patent No. 5157783
Patent Date 10/20/92
Appln No. 160959
Appln. Date 02/26/88
Title DATABASE SYSTEM WHICH MAINTAINS PROJECT QUERY LIST...RESEAR
CH PROJECTS

Country US
Status ISSUED
Inventors
ANDERSEN
SANGSTER K
KASSON E
Zierke
Peterson
Shapiro
Daup

PATENT
REEL: 8246 FRAME: 0138

PATENT
REEL: 014074 FRAME: 0808

Patent No. 5161213
Patent Date 11/03/92
Appln No. 671639
Appln. Date 03/18/91
Title METHOD FOR BLACK & WHITE IMAGE REDUCTION BASED UPON AVERAGING..
Country US
Status ISSUED
Inventors
KC KNOWLTON

Patent No. 5182709
Patent Date 01/26/93
Appln No. 488528
Appln. Date 02/28/90
Title SYSTEM FOR PARSING MULTI-DIMENSIONAL AND MULTI-DIRECTIONAL TEXT
Country US
Status Issued
Inventors
Peter M. Makus

Patent No. 5196682
Patent Date 03/23/93
Appln No. 363421
Appln. Date 05/31/89
Title INFRARED OPTICAL CARD HAVING AN OPAQUE CASE FOR HIDING INTERNAL COMPONENTS..
Country US
Status ISSUED
Inventors
GA ENGELHARDT

Patent No. 5206951
Patent Date 04/27/93
Appln No. 681435
Appln. Date 04/03/91
Title INTEGRATION OF DATA BETWEEN TYPED OBJECTS BY MUTUAL, DIRECT INVOLVEMENT..
Country US
Status ISSUED
Inventors
DL KHOYI
M SANSOUCIE
CE SURPRENANT
L. STERN
LH THAI PHAM

PATENT
REEL: 8246 FRAME: 0139

PATENT
REEL: 014074 FRAME: 0809

Patent No. 5214761
Patent Date 05/25/93
Appln No. 794354
Appln. Date 11/12/91
Title REAL TIME ADJUSTABLE TRANSFORM DEVICE DRIVER FOR PHYSICAL D
EVICES
Country US
Status ISSUED
Inventors
DM BARRETT
KC KNOWLTON

Patent No. 5226161
Patent Date 07/06/93
Appln No. 938928
Appln. Date 08/31/92
Title INTEGRATION OF DATA BETWEEN TYPED DATA STRUCTURES...

Country US
Status ISSUED
Inventors
DL KHOYI
M SANSOUCIE
CE SURPRENANT
L. STERN
LHT PHAM

Patent No. 5230048
Patent Date 07/20/93
Appln No. 657250
Appln. Date 02/15/91
Title DATA PROCESSING SYSTEM WITH TREE AND LIST DATA STRUCTURE

Country US
Status ISSUED
Inventors
DY MOY

Patent No. 5231578
Patent Date 07/27/93
Appln No. 611433
Appln. Date 11/13/90
Title APPARATUS FOR DOCUMENT ANNOTATION & MANIPULATION USING IMAG
ES FROM WINDOW...

Country US
Status ISSUED
Inventors
LEVINE
ABRAMS
BURNS
HARUI
RUDIS
LAKNESS

PATENT
REEL: 8246 FRAME: 0140

PATENT
REEL: 014074 FRAME: 0810

Patent No. 5233698
Patent Date 08/03/93
Appln No. 724410
Appln. Date 07/01/91
Title PROCESSOR/COPROCESSOR INTERFACE APPARATUS INCLUDING MICROINSTRUCTIONS...
Country US
Status ISSUED
Inventors
WS ZUK

Patent No. 5235684
Patent Date 08/10/93
Appln No. 213402
Appln. Date 06/30/88
Title SYSTEM BUS HAVING MULTIPLEXED COMMAND/ID AND DATA

Country US
Status ISSUED
Inventors
KH CURCURU
M SCHWARTZ
RD BECKER

Patent No. 5260697
Patent Date 11/09/93
Appln No. 613325
Appln. Date 11/13/90
Title COMPUTER WITH SEPARATE DISPLAY AND USER INTERFACE PROCESSOR

Country US
Status ISSUED
Inventors
D BARRETT
M MCNALLY
P MARTIN
J. Huntington

Patent No. 5261042
Patent Date 11/09/93
Appln No. 440419
Appln. Date 11/20/89
Title MENU MANAGEMENT SYSTEM

Country US
Status ISSUED
Inventors
TA BRANDT

PATENT
REEL: 8246 FRAME: 0141

PATENT
REEL: 014074 FRAME: 0811

Patent No. 5261057
Patent Date 11/09/93
Appln No. 912052
Appln. Date 07/07/92
Title I/O BUS TO SYSTEM INTERFACE

Country US
Status Issued
Inventors
RW COYLE
TB BERG
Z CHAO

Patent No. 5261073
Patent Date 11/09/93
Appln No. 786327
Appln. Date 10/31/91
Title METHOD AND APPARATUS FOR PROVIDING MEMORY SYSTEM STATUS SIGNALS

Country US
Status ISSUED
Inventors
ED MANN

Patent No. 5261080
Patent Date 11/09/93
Appln No. 936980
Appln. Date 08/28/92
Title A MATCHMAKER FOR ASSISTING & EXECUTING...DATA BETWEEN OBJECTS...

Country US
Status ISSUED
Inventors
DL KHOYI
M SANSOUCIE
CE SURPRENANT
L. STERN
LH THI PHAM

Patent No. 5276849
Patent Date 01/04/94
Appln No. 912055
Appln. Date 07/07/92
Title APPARATUS & METHOD FOR MAINTAINING CACHE/MAIN MEMORY CONSISTENCY

Country US
Status Issued
Inventors
BJ PATEL

PATENT
REEL: 8246 FRAME: 0142

PATENT
REEL: 014074 FRAME: 0812

Patent No. 5283864
Patent Date 02/01/94
Appln No. 605617
Appln. Date 10/30/90
Title COMPUTER APPARATUS AND METHOD FOR GRAPHICAL FLIP BOOK

Country US
Status Issued
Inventors
KC KNOWLTON

Patent No. 5287119
Patent Date 02/15/94
Appln No. 775674
Appln. Date 10/11/91
Title COMPUTER INPUT DEVICE USING ORIENTATION SENSOR

Country US
Status ISSUED
Inventors
DE DRUMM

Patent No. 5303379
Patent Date 04/12/94
Appln No. 937911
Appln. Date 08/28/92
Title A LINK MECHANISM FOR LINKING DATA BETWEEN OBJECTS AND FOR PERFORMING...

Country US
Status Issued
Inventors
DL KHOYI
M SANSOUCIE
CE SURPRENANT
L. STERN
LH THI PHAM

Patent No. 5307469
Patent Date 04/26/94
Appln No. 348318
Appln. Date 05/05/89
Title MULTIPLE MODE MEMORY MODULE

Country US
Status Issued
Inventors
ED MANN

PATENT
REEL: 8246 FRAME: 0143

PATENT
REEL: 014074 FRAME: 0813

Patent No. 5323316
Patent Date 06/21/94
Appln No. 649779
Appln. Date 02/01/91
Title A MORPHOLOGICAL ANALYZER

Country US
Status Issued
Inventors
AJ KADASHEVICH
MF HARVEY
C CLARK

Patent No. 5334976
Patent Date 08/02/94
Appln No. 551673
Appln. Date 07/11/90
Title KEYBOARD WITH FINGER-ACTUABLE & STYLUS-ACTUABLE KEYS

Country US
Status Issued
Inventors
A WANG

Patent No. 5337416
Patent Date 08/09/94
Appln No. 154675
Appln. Date 11/18/93
Title Method and Apparatus for Managing Page Zero Memory Accesses
in a M-P System
Country US
Status Issued
Inventors
Robert P. Ryan
John B. Crowther
Robert A. MacDonald

Patent No. 5355447
Patent Date 10/11/94
Appln No. 922403
Appln. Date 07/31/92
Title METHOD FOR COLOR IMAGE REDUCTION BASED UPON DETERMINATION
OF COLOR...
Country US
Status Issued
Inventors
KC KNOWLTON

PATENT
REEL: 8246 FRAME: 0144

PATENT
REEL: 014074 FRAME: 0814

Patent No. 5363120
Patent Date 11/08/94
Appln No. 128043
Appln. Date 09/27/93
Title COMPUTER INPUT DEVICE USING ORIENTATION SENSOR

Country US
Status Issued
Inventors
DE DRUMM

Patent No. 5369577
Patent Date 11/29/94
Appln No. 650812
Appln. Date 02/01/91
Title TEXT SEARCHING SYSTEM

Country US
Status Issued
Inventors
AJ KADASHEVICH
MF HARVEY
C CLARK

Patent No. 5369778
Patent Date 11/29/94
Appln No. 127981
Appln. Date 09/27/93
Title CUSTOMIZATION BY AUTOMATIC RESOURCE SUBSTITUTION

Country US
Status Issued
Inventors
M SANSOUCIE
CE SURPRENANT
T FITZGERALD
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Patent No. 5377338
Patent Date 12/27/94
Appln No. 134806
Appln. Date 10/12/93
Title APPARATUS & METHOD FOR INTERFACING A DATA PROCESSOR & IO CONTROLLER

Country US
Status Issued
Inventors
SW OLSON
ED MANN
JB MACDONALD
JW PETERSEN

PATENT
REEL: 8246 FRAME: 0145

PATENT
REEL: 014074 FRAME: 0815

Patent No. 5379379
Patent Date 01/03/95
Appln No. 580365
Appln. Date 09/06/90
Title MEMORY CONTROL UNIT

Country US
Status Issued
Inventors
KH CURCURU
KJ ENG
M SCHWARTZ
R BECKER

Patent No. 5388255
Patent Date 02/07/95
Appln No. 810245
Appln. Date 12/19/91
Title SYSTEM FOR UPDATING LOCAL VIEWS FROM A GLOBAL DATABASE
USING TIME STAMPS...

Country US
Status ISSUED
Inventors
B PYTLIK
AL O'HARA
AR LAVALLE

Patent No. 5404467
Patent Date 04/04/95
Appln No. 261318
Appln. Date 06/16/94
Title CFU HAVING PIPELINED UNSTRUCTION UNIT AND EFFECTIVE ADDRESS

Country US
Status Issued
Inventors
John Saba
Martin Schwartz
Richard Tang-Kong

Patent No. 5404560
Patent Date 04/04/95
Appln No. 083852
Appln. Date 06/25/93
Title MICROPROCESSOR HAVING EXTERNAL CONTROL STORE

Country US
Status Issued
Inventors
LEE
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Vincelette
Waldstein
Nathan

PATENT
REEL: 8246 FRAME: 0146

PATENT
REEL: 014074 FRAME: 0816

Lang

Patent No. 5421001
Patent Date 05/30/95
Appln No. 877409
Appln. Date 05/01/92
Title COMPUTER METHOD & APPARATUS FOR TABLE DRIVEN FILE INTERFACE
(As Amended)
Country US
Status Issued
Inventors
EG METHE

Patent No. 5421012
Patent Date 05/30/95
Appln No. 066688
Appln. Date 05/20/93
Title DATA INTEGRATION OF OBJECT MANAGEMENT
Country US
Status Issued
Inventors
DL KHOYI
M SANSOUCIE
CE SURPRENANT
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Patent No. 5421015
Patent Date 05/30/95
Appln No. 123819
Appln. Date 09/20/93
Title DATA INTEGRATION BY OBJECT MANAGEMENT
Country US
Status Issued
Inventors
DL KHOYI
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CE SURPRENANT
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Patent No. 5426450
Patent Date 06/20/95
Appln No. 318031
Appln. Date 10/04/94
Title HANDS-FREE HARDWARE KEYBOARD
Country US
Status Issued
Inventors
Donald E. Drumm

PATENT
REEL: 8246 FRAME: 0147

PATENT
REEL: 014074 FRAME: 0817

Patent No. 5428776
Patent Date 06/27/95
Appln No. 175161
Appln. Date 12/22/93
Title DATABASE MANAGEMENT SYSTEM GRAPHICAL QUERY FRONT END
US-Amended Title: SYSTEM FOR COMPOSING A GRAPHICAL INTER-
Country US
Status Issued
Inventors
Evan M. Rothfield

Patent No. 5442795
Patent Date 08/15/95
Appln No. 616812
Appln. Date 11/19/90
Title A SYSTEM & METHOD FOR VIEWING ICON CONTENTS ON A VIDEO
DISPLAY
Country US
Status Issued
Inventors
Levine, Boylan,
Schirpke, Harui,
Donoghue

Patent No. 5446740
Patent Date 08/29/95
Appln No. 169327
Appln. Date 12/17/93
Title METHOD AND APPARATUS FOR PROCESSING DATA AT A REMOTE
WORKSTATION
Country US
Status Issued
Inventors
Sigma
Blue Cross

Patent No. 5455953
Patent Date 10/03/95
Appln No. 143163
Appln. Date 11/03/93
Title AUTHORIZATION SYSTEM FOR OBTAINING IN SINGLE STEP
BOTH IDENTIFICATION AND ACCESS RIGHTS OF CLIENT TO SERVER
Country US
Status Issued
Inventors
EA RUSSELL

PATENT
REEL: 8246 FRAME: 0148

PATENT
REEL: 014074 FRAME: 0818

Patent No. 5469336
Patent Date 11/21/95
Appln No. 219067
Appln. Date 03/29/94
Title NON-RADIATING ENCLOSURE (INCLUDING A STOCK OF CLOSURE
PLATES HAVING SLOTS STAGGERED ABOUT AN APERTURE IN A WALL
Country US
Status Issued
Inventors
Roger R. Soulard

Patent No. 5475322
Patent Date 12/12/95
Appln No. 135113
Appln. Date 10/12/93
Title CLOCK FREQUENCY MULTIPLYING AND SQUARING CIRCUIT & METHOD
Country US
Status Issued
Inventors
JB MACDONALD

Patent No. 5479628
Patent Date 12/26/95
Appln No. 135037
Appln. Date 10/12/93
Title VIRTUAL ADDRESS TRANSLATION HARDWARE ASSIST CIRCUIT & METHO
D
Country US
Status Issued
Inventors
SW OLSON
JB MACDONALD
RW LONES

Patent No. 5491495
Patent Date 02/13/96
Appln No. 613416
Appln. Date 11/13/90
Title USER INTERFACE HAVING SIMULATED DEVICES
Country US
Status Issued
Inventors
JR WARD
DM BARRETT
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PATENT
REEL: 8246 FRAME: 0149

PATENT
REEL: 014074 FRAME: 0819

Patent No. 5495422
Patent Date 02/27/96
Appln No. 134809
Appln. Date 10/12/93
Title METHOD FOR COMBINING A PLURALITY OF INDEPENDENTLY OPERATING
CIRCUITS..
Country US
Status Issued
Inventors
SW OLSON

Patent No. 5495565
Patent Date 02/27/96
Appln No. 262817
Appln. Date 06/21/94
Title INTERGRATED FORM DOCUMENT EDITOR WITH FORM DESCRIPTOR
TABLE, BACKGROUND BITMAP...(Amended US only)
Country US
Status Issued
Inventors
Keith Millard
Geoffrey L. Daley

Patent No. 5517586
Patent Date 05/14/96
Appln No. 291262
Appln. Date 08/16/94
Title METHOD & APPARATUS FOR AUTOMATICALLY SPECIFYING A PORTION
OF TEXT..
Country US
Status Issued
Inventors
Kenneth C. Knowlton

Patent No. 5537585
Patent Date 07/16/96
Appln No. 201658
Appln. Date 02/25/94
Title DATA STORAGE MANAGEMENT FOR NETWORK INTERCONNECTED
PROCESSORS
Country US
Status Issued
Inventors
R.L. Blickenstaff,
et al

PATENT
REEL: 8246 FRAME: 0150

PATENT
REEL: 014074 FRAME: 0820

Patent No. 5542084
Patent Date 07/30/96
Appln No. 343268
Appln. Date 11/22/94
Title METHOD AND APPARATUS FOR EXECUTING AN ATOMIC
READ-MODIFY-WRITE INSTRUCTION
Country US
Status Issued
Inventors
Robert C. Lowe, Jr.

Patent No. D270914
Patent Date 10/11/83
Appln No. 290273
Appln. Date 08/31/81
Title CARTRIDGE FOR REPLENISHABLE PROTECTIVE FILM OVERLAY RECORDI
NG HEADS
Country US
Status ISSUED
Inventors
PL NADER

Patent No. D275431
Patent Date 09/11/84
Appln No. 453039
Appln. Date 12/27/82
Title SUPPORT ARM (DESIGN)
Country US
Status ISSUED
Inventors
KL USAB

Patent No. D277674
Patent Date 02/19/85
Appln No. 453072
Appln. Date 12/27/82
Title VIDEO DISPLAY (DESIGN)
Country US
Status ISSUED
Inventors
KL USAB
DC DAYTON

Patent No. D230408
Patent Date 09/03/85
Appln No. 453042
Appln. Date 12/27/82
Title KEYBOARD (DESIGN)
Country US
Status ISSUED
Inventors

PATENT
REEL: 8246 FRAME: 0151

PATENT
REEL: 014074 FRAME: 0821

LM KUBA

Patent No. D282470
Patent Date 02/04/86
Appln No. 537601
Appln. Date 09/30/83
Title PRINTER (DESIGN)

Country US
Status ISSUED
Inventors
DC DAYTON

Patent No. D283329
Patent Date 04/08/86
Appln No. 537613
Appln. Date 09/30/83
Title SCANNING CAMERA (DESIGN)

Country US
Status ISSUED
Inventors
DC DAYTON

Patent No. D290008
Patent Date 05/26/87
Appln No. 650923
Appln. Date 09/14/84
Title COMBINED DATA & VOICE COMMUNICATION TERMINAL (AS AMENDED) (DESIGN)
Country US
Status ISSUED
Inventors
KR MOWRER

Patent No. D290009
Patent Date 05/26/87
Appln No. 650924
Appln. Date 09/14/84
Title COMBINED DATA & VOICE COMMUNICATION TERMINAL (AS AMENDED) (DESIGN)
Country US
Status ISSUED
Inventors
KB MOWRER

Patent No. D292708
Patent Date 11/10/87
Appln No. 807053
Appln. Date 11/27/85
Title KEYBOARD (DESIGN)
Country US
Status ISSUED
Inventors

PATENT
REEL: 8246 FRAME: 0152

PATENT
REEL: 014074 FRAME: 0822

MD ARNEY

Patent No. D292921
Patent Date 11/24/87
Appln No. 845747
Appln. Date 03/24/86
Title TELEPHONE STAND WITH DIALING MEANS (AS AMENDED) DESIGN

Country US
Status ISSUED
Inventors
KL KORELLIS

Patent No. D293580
Patent Date 01/05/88
Appln No. 807059
Appln. Date 11/27/85
Title TOP PANEL FOR A KEYBOARD (AS AMENDED) (DESIGN)

Country US
Status ISSUED
Inventors
MD ARNEY

Patent No. D296212
Patent Date 06/14/88
Appln No. 807055
Appln. Date 11/27/85
Title END & BOTTOM OF AN ADJUSTABLE SUPPORT LEG FOR A KEYBOARD (DESIGN)

Country US
Status ISSUED
Inventors
MD ARNEY

Patent No. D302501
Patent Date 08/01/89
Appln No. 920314
Appln. Date 10/17/86
Title SUPPORT ARM FOR COMPUTER KEYBOARD (DESIGN)

Country US
Status ISSUED
Inventors
LM KUBA
PF VINCIGUERRA

PATENT
REEL: 8246 FRAME: 0153

PATENT
REEL: 014074 FRAME: 0823

Patent No. D303250
Patent Date 09/05/89
Appln No. 913838
Appln. Date 09/30/86
Title PORTABLE COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
NM VER NOOY
MD ARNEY

Patent No. D303793
Patent Date 10/03/89
Appln No. 929137
Appln. Date 11/10/86
Title VIDEO DISPLAY (DESIGN)

Country US
Status ISSUED
Inventors
LM KUBA

Patent No. D304445
Patent Date 11/07/89
Appln No. 929136
Appln. Date 11/10/86
Title VIDEO DISPLAY (DESIGN)

Country US
Status ISSUED
Inventors
LM KUBA

Patent No. D306014
Patent Date 02/13/90
Appln No. 011484
Appln. Date 02/05/87
Title CCMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
DM LOOSE
TA TEDLAM

PATENT
REEL: 8246 FRAME: 0154

PATENT
REEL: 014074 FRAME: 0824

Patent No. D306283
Patent Date 02/27/90
Appln No. 011553
Appln. Date 02/05/87
Title COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
DM LOOSE

Patent No. D306287
Patent Date 02/27/90
Appln No. 929236
Appln. Date 11/10/86
Title VIDEO DISPLAY (DESIGN)

Country US
Status ISSUED
Inventors
LM KUBA

Patent No. D307421
Patent Date 04/24/90
Appln No. 260545
Appln. Date 10/20/88
Title DIGITIZING PEN (AS AMENDED) (DESIGN)

Country US
Status ISSUED
Inventors
TA TEDHAM
K AKAGI

Patent No. D308055
Patent Date 05/22/90
Appln No. 260547
Appln. Date 10/20/88
Title DIGITIZING TABLET FOR COMPUTER INPUT (DESIGN)

Country US
Status ISSUED
Inventors
TA TEDHAM
K AKAGI

PATENT
REEL: 8246 FRAME: 0155

PATENT
REEL: 014074 FRAME: 0825

Patent No. D308198
Patent Date 05/29/90
Appln No. 260546
Appln. Date 10/20/83
Title DIGITIZING TABLET FOR COMPUTER INPUT (DESIGN)

Country US
Status ISSUED
Inventors
TA TEDHAM
K AKAGI

Patent No. D311386
Patent Date 10/16/90
Appln No. 277065
Appln. Date 11/28/88
Title COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
PS MACDONALD

Patent No. D311390
Patent Date 10/16/90
Appln No. 190295
Appln. Date 05/04/88
Title VIDEO DISPLAY (DESIGN)

Country US
Status ISSUED
Inventors
LM KUBA

Patent No. D311903
Patent Date 11/06/90
Appln No. 277066
Appln. Date 11/28/88
Title COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
PS MACDONALD

Patent No. D312624
Patent Date 12/04/90
Appln No. 291931
Appln. Date 12/29/88
Title COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors

PATENT
REEL: 8246 FRAME: 0156

PATENT
REEL: 014074 FRAME: 0826

TA TEDHAM

Patent No. D320597
Patent Date 10/08/91
Appln No. 301305
Appln. Date 01/24/89
Title COMPUTER KEYBOARD HOUSING (DESIGN)

Country US
Status ISSUED
Inventors
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Patent No. D321864
Patent Date 11/26/91
Appln No. 291820
Appln. Date 12/29/88
Title COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
TA TEDHAM

Patent No. D324512
Patent Date 03/10/92
Appln No. 487074
Appln. Date 03/01/90
Title PERSONAL COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
TA TEDHAM

Patent No. D333126
Patent Date 02/09/93
Appln No. 667098
Appln. Date 03/08/91
Title PERSONAL COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
LM KUBA
TA TEDHAM

PATENT
REEL: 8246 FRAME: 0157

PATENT
REEL: 014074 FRAME: 0827

Patent No. D334180
Patent Date 03/23/93
Appln No. 700633
Appln. Date 05/15/91
Title NOTEBOOK PERSONAL COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
TA TEDHAM
PS MACDONALD

Patent No. D340444
Patent Date 10/19/93
Appln No. 831388
Appln. Date 02/06/92
Title PERSONAL COMPUTER (DESIGN)

Country US
Status ISSUED
Inventors
LM KUBA
TA TEDHAM

Patent No. D342238
Patent Date 12/14/93
Appln No. 870695
Appln. Date 04/16/92
Title PERSONAL COMPUTER (DESIGN)

Country US
Status Issued
Inventors
TA TEDHAM
LM KUBA
J DEPIANO

Patent No. D342484
Patent Date 12/21/93
Appln No. 850051
Appln. Date 03/10/92
Title MINICOMPUTER CENTRAL PROCESSING UNIT (DESIGN)

Country US
Status Issued
Inventors
LM KUBA

PATENT
REEL: 8246 FRAME: 0158

PATENT
REEL: 014074 FRAME: 0828

Patent No. D343830
Patent Date 02/01/94
Appln No. 900890
Appln. Date 06/18/92
Title PERSONAL COMPUTER (DESIGN)

Country US
Status Issued
Inventors
LM KUBA
PS LEUNG

Patent No. R33536
Patent Date 02/12/91
Appln No. 946464
Appln. Date 12/23/86
Title DUAL LEVEL PATTERN RECOGNITION SYSTEM

Country US
Status Issued
Inventors
Patrick S. Wang

U.S. Patent No. 5,548,664

U.S. Patent No. 5,533,240

PATENT
REEL: 8246 FRAME: 0159

PATENT
REEL: 014074 FRAME: 0829

8/16/96

A. Patents and Patent Applications
I. Wang Laboratories, Inc.
U.S. Patent Applications Pending

Appln No. 03334C
Appln. Date 03/31/87
Title APPARATUS FOR INCONOGRAPHICALLY REPRESENTING & EXECUTING A
PROGRAM
Country US
Status PENDING
Inventors
JC OLAPURATH

Appln No. 08/677945
Appln. Date 07/10/96
Title POWER SAVINGS WITH MS-DOS IDLE LOOP
Country US
Status Pending
Inventors
David M. Barrett
Patricia A. Martin

Appln No. 092628
Appln. Date 07/15/93
Title MULTIPLE MODE MEMORY MODULE
Country US
Status PENDING
Inventors
ED MANN

Appln No. 094033
Appln. Date 02/01/91
Title A TEXT MANAGEMENT SYSTEM
Country US
Status PENDING
Inventors
AJ KADASHEVICH
MF HARVEY
C CLARK

PATENT
REEL: 8246 FRAME: 0160

PATENT
REEL: 014074 FRAME: 0830

Appln No. 104022
Appln. Date 03/12/91
Title DISPLAY SYSTEM AND METHOD FOR CONTEXT-BASED SCROLLING

Country US
Status PENDING
Inventors
KC KNOWLTON

Appln No. 123578
Appln. Date 09/17/93
Title IMAGE UNDITHERING APPARATUS AND METHOD

Country US
Status PENDING
Inventors
KC KNOWLTON

Appln No. 143161
Appln. Date 11/03/93
Title SERVER FOR EXECUTING CLIENT OPERATION CALLS, HAVING A DISPATCHER...(Amended)

Country US
Status PENDING
Inventors
EA RUSSELL
RIF TANG

Appln No. 150744
Appln. Date 11/12/93
Title DOCUMENT ANNOTATION AND MANIPULATION IN A DATA PROCESSING SYSTEM

Country US
Status PENDING
Inventors
LEVINE
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SCHIRPKE
ET AL

Appln No. 159007
Appln. Date 11/29/93
Title METHODS AND APPARATUS FOR CREATING AND MANAGING DYNAMIC PROPERTY SHEETS

Country US
Status Pending
Inventors
David M. Bowman
Dolerita J. Ganz

PATENT
REEL: 8246 FRAME: 0161

PATENT
REEL: 014074 FRAME: 0831

Appln No. 222859
Appln. Date 04/05/94
Title Run-In Test System for PC Circuit Boards

Country US
Status Pending
Inventors
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et al

Appln No. 223933
Appln. Date 04/13/94
Title DYNAMIC ELECTRONIC MAIL FACILITY FOR APPLICATIONS
EXECUTING...

Country US
Status Pending
Inventors
John M. Pratt
Garry W. Sager

Appln No. 224412
Appln. Date 04/15/94
Title INTEGRATION OF RESULT DATA FROM FIRST PROGRAM OPERATIONS ON
DYNAMIC...

Country US
Status Pending
Inventors
John M. Pratt

Appln No. 232872
Appln. Date 04/25/94
Title COMPUTER GRAPHICS SYSTEM HAVING A PAUSE UTILITY FOR
INTERACTIVE OPERATIONS...

Country US
Status Pending
Inventors
Kropp
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Appln No. 236878
Appln. Date 04/29/94
Title SYSTEM CLOCK SPEED CONTROLLER

Country US
Status PENDING
Inventors
Barrett
Martin
Letourneau, McNally

PATENT
REEL: 8246 FRAME: 0162

PATENT
REEL: 014074 FRAME: 0832

Appln No. 239159
Appln. Date 05/06/94
Title SCSI BUS CONTROLLER HAVING REPLACABLE ADAPTERS FOR SINGLE-
ENDED...
Country US
Status PENDING
Inventors

Appln No. 261319
Appln. Date 06/16/94
Title A TEXT INDEXING SYSTEM

Country US
Status Pending
Inventors
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Cheryl Clark

Appln No. 265994
Appln. Date 06/27/94
Title LOSSY COMPRESSION & EXPANSION ALGORITHM FOR IMAGE REPRESENTATION DATA
Country US
Status Pending
Inventors
Manoj Munjal

Appln No. 268216
Appln. Date 05/29/94
Title AUTOMATIC DETERMINATION OF LANDSCAPE SCAN IN BINARY IMAGES
Country US
Status Pending
Inventors
Kenneth C. Knowlton

Appln No. 303853
Appln. Date 09/09/94
Title APPARATUS & METHOD FOR INTERFACING A DATA PROCESSOR AND
IO CONTROLLER...
Country US
Status Pending
Inventors
S.W. Olson
E.D. Mann
MacDonald, Peterson

PATENT
REEL: 8246 FRAME: 0163

PATENT
REEL: 014074 FRAME: 0833

Appln No. 309824
Appln. Date 09/21/94
Title A LINK MANAGER FOR MANAGING LINKS INTEGRATING DATA BETWEEN
APPLICATION PROGRAMS
Country US
Status Pending
Inventors
John Pratt

Appln No. 340003
Appln. Date 11/15/94
Title A METHOD FOR REDUCING THE SIZE OF AN IMAGE
Country US
Status Pending
Inventors
Kenneth C. Knowlton

Appln No. 364207
Appln. Date 12/27/94
Title COMMUNICATIONS BUS SURGE PROTECTOR
Country US
Status Pending
Inventors
Phillip Dion

Appln No. 406818
Appln. Date 03/20/95
Title DOCUMENT ANNOTATION & MANIPULATION IN A DATA PROCESSING
SYSTEM
Country US
Status Pending
Inventors
Levine, Harui, Hsiao
Donoghue, Shirkpe

Appln No. 424152
Appln. Date 04/02/96
Title METHOD AND APPARATUS FOR TRANSFERRING DATA TO A REMOTE
WORKSTATION
Country US
Status Pending
Inventors
Sigma
Blue Cross

PATENT
REEL: 8246 FRAME: 0164

PATENT
REEL: 014074 FRAME: 0834

Appln No. 450457
Appln. Date 05/25/95
Title INTEGRATION OF DATA BETWEEN TYPED DATA STRUCTURES BY
MUTUAL, DIRECT INVOCATION BETWEEN OBJECT MANAGERS CORRESPON-
Country US
Status Pending
Inventors
Khoyi, SanSoucie,
Surprenent, Stern,
Thi Pham

Appln No. 476826
Appln. Date 06/07/95
Title A REAL TIME HANDWRITING RECOGNITION SYSTEM
Country US
Status Pending
Inventors
Alexander Jourjine

Appln No. 483772
Appln. Date 06/07/95
Title DOCUMENT FOLDER MEANS IN A DATA PROCESSING SYSTEM
Country US
Status Pending
Inventors
Levine, Harui, Hsiao
Donoghue, Schirpke

Appln No. 484630
Appln. Date 06/07/95
Title CHARACTER RECOGNITION SYSTEM IDENTIFICATION OF SCANNED AND
REAL TIME HANDWRITTEN CHARACTERS
Country US
Status Pending
Inventors
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Appln No. 486429
Appln. Date 06/07/95
Title DOCUMENT ANNOTATION AND MANIPULATION IN A DATA PROCESSING
SYSTEM
Country US
Status Pending
Inventors

PATENT
REEL: 8246 FRAME: 0165

S.R. Levine, A.J.
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Donoghue, M. Schirpke

Appln No. 508027
Appln. Date 04/11/90
Title MULTI-PROCESSOR SYSTEM WITH CACHE MEMORIES

Country US
Status PENDING
Inventors
RD BECKER
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Appln No. 562228
Appln. Date 11/22/95
Title CLOCK FREQUENCY MULTIPLYING AND SQUARING CIRCUIT & METHOD

Country US
Status Pending
Inventors
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Appln No. 611957
Appln. Date 03/06/96
Title DYNAMIC ELECTRONIC MAIL FACILITY FOR APPLICATIONS
EXECUTING...

Country US
Status Pending
Inventors
John M. Pratt
Garry W. Sager

Appln No. 612557
Appln. Date 11/13/90
Title HIGH SPEED DOCUMENT VERIFICATION SYSTEM

Country US
Status Pending
Inventors
William N. Stratigos

Appln No. 653952
Appln. Date 05/22/96
Title MULTIPLE DATABASE ACCESS SERVER FOR APPLICATION PROGRAMS

Country US
Status Pending
Inventors
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PATENT
REEL: 8246 FRAME: 0166

PATENT
REEL: 014074 FRAME: 0836

Appln No. 791411
Appln. Date 11/15/91
Title COMPUTERIZED SYSTEM AND METHOD FOR WORK MANAGEMENT
Country US
Status PENDING
Inventors
P ABBRUZZESE
ET AL

RECORDED: 11/29/1996

PATENT
REEL: 8246 FRAME: 0167

PATENT
REEL: 014074 FRAME: 0837

TRADEMARKS

<u>Mark</u>	<u>Reg. No.</u>	<u>Reg. Date</u>
DVX	1291946	August 28, 1984
TACDIAL	1279230	May 22, 1984
TACPAC	1222064	December 28, 1982
TOTALCARE	1319887	February 12, 1985
WANG	1284609	July 3, 1984
WANG	1036669	March 30, 1976
WANG	1040108	May 25, 1976
WANG	0902184	November 10, 1970