

U.S. PATENTS FULLTEXT

1976 to present

FILE DESCRIPTION

U.S. Patents Fulltext, produced by Dialog, provides access to the complete text of all granted patents issued by the U.S. Patent and Trademark Office (USPTO) since 1976. Published applications issued since March 15, 2001 are also included.

Each record contains all front-page information, including title, author(s), assignee(s), related applications, classification data, cited references, and abstract. The complete text of the original patent or published application usually includes an image of one of the drawings, the background/field of invention, a brief summary of the invention, the detailed description/embodiment of the invention, examples, and all claims.

Additional post-issuance legal status information is supplied by IFI CLAIMS® Patent Services for patents that have been reassigned, reexamined, granted an extension beyond the normal 17/20-year period, expired prior to the normal 17/20-year period, or reinstated after late payment of the maintenance fee.

SUBJECT COVERAGE

U.S. Patents Fulltext includes all granted U.S. utility patents, published applications, defensive publications, design patents, plant patents, reissue patents, and statutory invention registrations (S.I.R.s).

SOURCES

The full text of patents and published applications is obtained from the U.S. Patent and Trademark Office (USPTO). Post-issuance legal status information is supplied by IFI CLAIMS Patent Services.

TIPS

BEGIN 654

to search fulltext of all U.S. patents and published applications (from 1976 forward)

USE DT=

to search USPTO areas of technology or for legal status

SELECT DT=M

SELECT DT=REASSIGNED

SELECT DT=PROVISIONAL

USE CT=

to determine if a U.S. patent has been cited in previous or subsequent patents

SELECT CT=US 4225965

USE RA=company

to locate patents reassigned to a company

USE RANK

for statistical analysis of a data field such as patent assignee

SELECT TOPIC; RANK PA

USE RT=IMAGE

to restrict retrieval to patents or published applications with images

SELECT TOPIC AND RT=IMAGE

DIALOG FILE DATA

Inclusive Dates: 1976 to the present

Update Frequency: Weekly

File Size:

Over 3.94 million records as of January 2005

CONTACT

U.S. Patents Fulltext is provided by Dialog. Questions concerning file content should be directed to:

Dialog LLC

The Knowledge Center

2250 Perimeter Park Drive

Suite 300

Morrisville, NC 27560

Phone: 919.804.6400

Toll Free: 1-800-3DIALOG

Fax: 919.804.6410

E-Mail: customer@dialog.com

Sample Record for Granted Patent

DIALOG(R)File 654:US PAT.FULL.
 (c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

3954953 **IMAGE Available
 DX= Derwent Accession: 1995-015516
 LX= LitAlert Accession: T1999-24-01; T2002-03-08 **See File 670 for Litigation
 DT= Utility
 DT= REASSIGNED, CERTIFICATE OF CORRECTION
 /TI M/ Plastic flexible grinding stone
 AU=,CY=,GL=,IV= Inventor: Kodate, Tadao, Ohmiya, JP
 CO=,CY=,GL=,PA= Assignee: Joybond Co., Inc. (03), Katsushika-ku, JP
 Joybond Co Inc JP
 AR=,EX= Examiner: Rose, Robert A. (Art Unit: 323)
 LR= Law Firm: Conley, Rose & Tayon, P.C.

	Publication Number	Kind	Date	Application Number	Filing Date	
AC=,AD=,AM=,AN=,AY=	Main Patent	US 5727993	A	19980317	US 95555763	19951109
PC=,PD=,PM=,PN=,PY=	Continuation	US 5476416	A		US 93102972	19930728
PR=	Priority				JP 93160398	19930406

CL= Current US Classification (Main): 451059000 (X-ref): 451103000; 451526000
 US Classification on document (Main): 451059 (X-ref): 451526; 451103
 IC= International Classification (Edition 1): B24B-007/00
 FS= Examiner Field of Search (US): 451103; 451104; 451113; 451526; 451523;
 451540

CA=, CT= Cited US Patents:

Patent Number	Date YYYYMM	Main US Class	Inventor
US 4150955	197904		Samuelson
US 4264337	198104		Fenster
US 4421526	198312		Strickman
US 4512859	198504		Inoue
US 5125191	199206		Rhoades
US 5152809	199210		Mattesky
US 5203883	199304		Perry

CT= Cited non-US Patents:

Patent Number	Date YYYYMM	Main US Class	Main IPC
EP 196832	198610		
JP 197572	198904		
JP 411335	199202		
WO 9200153	199201		

RF= Cited non-Patent References:
 English translation of Japanese Patent Application 4-11335 (Feb. 28, 1992).
 English translation of Japanese patent Application 1-97572 (Apr. 17, 1989).
 Cryovac, "MPD 2055 Film," 2 pages (publication date is unknown but it is at
 least as early as Oct. 1995).

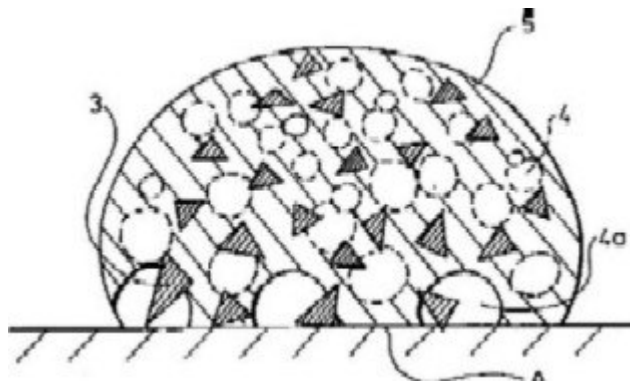
WD= Fulltext Word Count: 5767
 NC= Number of Claims: 86
 Exemplary Claim Number: 43
 ND= Number of Drawing Sheets: 1
 NF= Number of Figures: 5
 NU= Number of US cited patent references: 7
 NN= Number of non-US cited patent references: 4
 NR= Number of non-patent cited references: 3

ED= Post Issue Legal Status:
 Calculated Expiration Date: 20130728
 CD=,CM=,CY= Certificate of Correction issued on: 20000613
 Reassignment:
 RD= Recorded: 19981222
 RK= Action: ASSIGNMENT OF ASSIGNOR'S INTEREST
 CO=,RG= Assignor: JOYBOND CO., INC. DATE SIGNED: 11/27/1998
 AUTO CHEMIE CO., LTD. DATE SIGNED: 11/27/1998
 RA= Assignee: AUTO WAX COMPANY 1275 ROUND TABLE DRIVE DALLAS, TEXAS 75247
 RR= Reel: 009718

Sample Record for Granted Patent (cont'd)

FF= Frame: 0813
 Contact: CONLEY, ROSE & TAYON, P.C. ERIC B. MEYERTONS P.O. BOX 398
 AUSTIN, TX 78767-0398

/AB Abstract:
 The plastic flexible grinding stone according to the present invention comprises a plastic flexible material having mixed therewith a powder synthetic detergent and an abrasive such as silica sand and calcium carbonate composed of grains from 3 to 50 [mu]m in diameter, and is capable of removing simultaneously minute protrusions and stain from coated surfaces such as of rolling stocks.



/FD, TX Parent Case Text:
 This is a continuation of application Ser. No. 08/102,972 filed Jul. 28, 1993 now U.S. Pat. No. 5,476,416.

/SU, TX Summary of the Invention:
 BACKGROUND OF THE INVENTION
 1. Field of the Invention
 The present invention relates to a plastic flexible grinding stone for use in removing, by polishing, small protrusions which generate on a coated surface of rolling stocks and industrial machines, as well as in removing stain and oil films from the surface of window glasses.
 2. Prior Art
 When rolling stocks are placed in parking lots near to railways and iron works, or in places close to construction sites where a coating operation is conducted, iron powder and paint mist fly onto the coated surface of the rolling stocks and adhere thereto to form
 (...)
 SUMMARY OF THE INVENTION
 An object of the present invention is to obtain a smooth and plain coated surface by polishing, and yet removing stain from the smooth and plain surface. Accordingly, the present invention comprises controlling both the polishing force being exerted to the protrusions and the polishing force being applied to the
 (...)

/DW, TX Description of the Drawings:
 BRIEF DESCRIPTION OF THE DRAWINGS
 FIG. 1 is an explanatory figure showing a plastic flexible grinding stone according to the present invention in use;
 FIG. 2 is a cross sectional view of a plastic flexible grinding stone with the abrasive thereof forming protrusions against the polishing surface; and
 FIG. 3 is a schematic figure provided as an explanatory means to show the exertion of polishing force against the protrusions and stain.

/SP, TX Description of the Invention:
 DETAILED DESCRIPTION OF THE INVENTION
 The present invention is illustrated in greater detail referring to a non-limiting example below. It should be understood, however, that the present invention is not to be construed as being limited thereto.
 EXAMPLE
 A plastic flexible grinding stone was produced by mixing 100 parts by weight of a petroleum resin (polybutene in the present example) as a plastic flexible material with 65 parts by weight of fine silica sand and calcium carbonate grains from 20 to 30 [mu]m in diameter, and 5 parts by weight of a powder synthetic detergent composed of

Sample Record for Granted Patent (cont'd)

(...)

/CM, TX

What is claimed is:

43. A method of polishing a protrusion or stain from a coated surface, comprising:
 applying a plastic flexible tool to the coated surface, the plastic flexible tool comprising a plastic flexible material having mixed therewith an abrasive comprising grains from about 3 to 50 [mu]m in diameter;
 pressing the plastic flexible tool against the coated surface to form a substantially planer surface on the plastic flexible tool; and
 reciprocating the substantially planar surface of the plastic flexible tool with polishing force on the coated surface for less than about 30 seconds, thereby applying a polishing force per area to the coated surface and to the protrusion or stain on the coated surface, the polishing force per area applied to the coated surface being less than the polishing force per area applied to the protrusion or stain. (Main Claim)
1. A plastic flexible tool adapted to remove a protrusion or stain from a surface, comprising:
 a plastic flexible material having mixed therewith an abrasive comprising grains from about 3 to 50 [mu]m in diameter, and wherein the tool distributes polishing force per area during use such that, when the tool is applied with polishing force per area to a surface with a protrusion or stain during use, polishing force per area applied to the surface is less than the polishing force per area applied to the protrusion or stain.
2. The plastic flexible tool of claim 1 wherein the plastic flexible
- (...)

Sample Record for Published Application

DIALOG(R)File 654:US PAT.FULL.
 (c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

0005062108 **IMAGE Available

/TI
 AU=
 LR=

Paper frame
 Inventor: Aram Irwin, INV
 Correspondence Address: Kolisch, Hartwell, Dickinson McCormack & Heuser,
 200 Pacific Building 520 S.W. Yamhill Street, Portland, OR, 97204, US

PC=,PN=,PD=,PY=
 AC=,AN=,AD=,AY=

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20020116853	A1	20020829	US 2001924180	20010727
Provisional				US 60-221077	20000727

CL=
 IC=

US Classification on document (Main): 040772000 (X-ref): 040773000
 International Classification (Edition 07): A47G-001/06

WD=
 NC=

Fulltext Word Count: 355
 Number of Claims: 1
 Exemplary or Independent Claim Number(s): 1

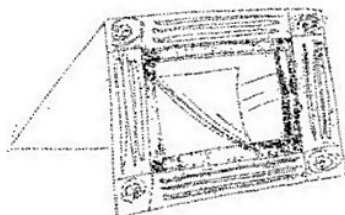
ND= NF=

Number of Figures: 3

/AB

Abstract:

A frame system for holding a planar display article includes a frame component defining a border region, and a central platform located inward of the border region and including an outer layer of reusable adhesive. A see-through cover is coupled adjacent the central platform and sized to fit over the central platform to be held there by the reusable adhesive. A planar display article may be placed over the central platform and held in place by the reusable adhesive. The see-through cover is movable over the planar display article to protect it.



Sample Record for Published Application (cont'd)

Parent Case Text:

/FD, TX CROSS REFERENCE TO RELATED APPLICATIONS
 [0001] This application claims priority to U.S. Provisional Patent Application Serial No. 60/221,077 filed on Jul. 27, 2000 and entitled PAPER FRAME.

Continued Prosecution Application:
 This is a publication of a continued prosecution application (CPA) filed under 37 CFR 1.53(d).

/SU, TX Summary of the Invention:

/SP, TX DESCRIPTION

[0002] The attachment includes textual material and drawings that disclose applicant's embodiments of the invention, and his best mode of carrying out the invention.

Description of the Invention:
 [0003]

/CM, TX I claim:
 Exemplary or Independent Claim(s):
 1. A frame system for holding a planar display article, comprising: a frame component defining a border region; a central platform located inward of the border region and including an outer layer of reusable adhesive; a see-through cover coupled adjacent the central platform and sized to fit over the central platform to be held there by the reusable adhesive; and wherein a planar display article may be placed over the central platform and held in place by the reusable adhesive, and the see-through cover is movable over the planar display article to protect it.

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	REPORT (FIELD LENGTH)	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	—	All Basic Index Fields ¹	Segment & Word	S DIGITIZING S COATED(W)SURFACE
/AB	AB	—	Abstract ¹	Segment & Word	S DETERGENT/AB S PLANAR(W)ARMATURE/AB
/BC	BC	—	Broad Claim (Exemplary Claim) ¹	Segment & Word	S CONDUCTOR?/BC S GRINDING(W)STONE?/BC
/CM	CM	—	All Claims ¹	Segment & Word	S VIBRATING(W)MOTION/CM S CHLORO(T)AMINO
/DC	CM	—	Design Claim ¹	Segment & Word	S ALPHA/DC S FLEXIBLE(W)MEDIA/DC
/DW	DW	—	Brief Description of Drawings ¹	Segment & Word	S PLASTIC/DW S ABRASIVE(5N)PROTRUSION?/DW
/OC	OC	—	Other Claims (Non-exemplary Claim) ¹	Segment & Word	S TOOL?/OC S CALCIUM(W)CARBONATE/OC
/SP	SP	—	Detailed Description ¹	Segment & Word	S RESIN/SP S SILICA(W)SAND/SP
/SQ	SQ	—	Description of Sequences ¹	Segment & Word	S APPARATUS/SQ S LAMINATED(W)RING?/SQ
/SU	SU	—	Summary/Background of Invention ¹	Segment & Word	S GRIND?/SU S POLISH?(5N)STAIN?/SU
/TI	TI	TI (42)	Title ¹	Segment & Word	S PLASTIC/TI S GRINDING(W)STONE/TI
/TX	TX	—	All Text ¹	Segment & Word	S STONE/TX S FLEXIBLE(W)MATERIAL/TX

¹ All chemical names are indexed as complete individual words and chemically significant segments of words. Words such as GLUCOPYRANOSYL can be searched by either segment, e.g., GLUCO or PYRANOSYL; for segments that may also be complete words, use /FW, e.g., S PYRANOSYL/FW. The (T) operator can be used to search segments within the same word.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	REPORT (FIELD LENGTH)	FIELD NAME	INDEXING	SELECT EXAMPLES
AC=	AC	—	Application Country	Phrase	S AC=US
AC=	PR	—	Priority Application Country ³	Phrase	S AC=FR/PR
AD=	AD	—	Application Date ²	Phrase	S AD=19890907
AD=	AD	AD (10)	Application Date (Main) ^{2,3}	Phrase	S AD=19890907/MP
AD=	PR	—	Priority Application Date ^{2,3}	Phrase	S AD=19890907/PR
AF=	AF	—	Assignee Flag ⁴	Phrase	S AF=03
AM=	AM	—	Application Month ²	Phrase	S AM=199307
AN=	AN	—	Application Number ⁵	Phrase	S AN=07-403533
AN=	AN	AN (15)	Application Number (Main) ^{3,5}	Phrase	S AN=US 403533-1989 S AN=07-403972/MP S AN=US 403972/MP
AN=	PR	—	Priority Application Number ^{3,5}	Phrase	S AN=123455/PR S AN=JP 89123455/PR
AN=	PT	—	PCT Application Number ^{3,5}	Phrase	S AN=WO 90GB677
AN=	PV	—	Provisional Application Number ^{3,5}	Phrase	S AN=261022/PV S AN=US 60-261022/PV
AR=	AR	—	Art Unit ¹²	Phrase	S AR=214
AU=	AU	—	Author/Inventor	Word & Phrase	S AU=MOONEY CHARLES? S AU=MACNAK(W)AU=PHILIP
AY=	AY	—	Application Year ³	Phrase	S AY=1993
BO=	BO	—	Botanical Information ⁶	Phrase	S BO=CROTON ZULU
CA=	CA	—	Cited Inventor ⁶	Phrase	S CA=STRICKMAN?
CC=	CC	—	Assignee Country ^{7,9}	Phrase	S CC=JP/CO
CC=	CC	—	Author/Inventor Country ^{7,9}	Phrase	S CC=US/AU
CC=	CC	—	Cited Patent Country ⁷	Phrase	S CC=EP
CK=	CK	—	Assignee Code (Original Assignee)	Phrase	S CK=68000
CL=	CL	—	U.S. Class	Phrase	S CL=381-192 S CL=381192000 S CL=381
CL=	CL	—	U.S. Class - Annual Revision ³	Phrase	S CL=178/RV S CL=178-19/RV S CL=178018010/RV
CL=	MA	CL (13)	U.S. Class - Main ³	Phrase	S CL=178/MA S CL=178-19/MA S CL=178019/MA
CL=	UR	—	U.S. Class - Unofficial Reference ³	Phrase	S CL=706/UR S CL=706-920/UR S CL=706920/UR
CL=	UR	—	X-Reference U.S. Class Code ³	Phrase	S CL=706/XR S CL=706-920/XR S CL=706920/XR
CO=	CO	—	Company (Assignee) ¹⁸	Phrase	S CO=MOTOROLA?
CP=	CP	—	Continued Prosecution Application Text ¹³	Word	S CP=CPA
CT=	CT	—	Cited Patents ^{6,8,12}	Phrase	S CT=US 4225965 S CT=DE 474943
CY=	CY	—	City ⁹	Phrase	S CY=SCOTTSDALE
DT=	DT	—	Document Type	Phrase	S DT=DESIGN
DX=	DX	—	Derwent Accession Number	Phrase	S DX=1995-015516
ED=	ED	—	Calculated Expiration date	Phrase	S ED=20130728
EM=	EM	—	Email Address ⁹	Phrase	S EM=RAHEELYS@AOL.COM
EX=	EX	—	Name of Examiner ¹²	Word & Phrase	S EX=(ISEN(2N)FORESTER) S EX=ISEN, FORESTER W.
EY=	ED	—	Calculated Expiration Year	Phrase	S EY=2013
FA=	FA	—	Field Availability	Phrase	S FA=CLMS
FS=	FS	—	Field of Search - US and Intl. Class Codes ¹²	Phrase	S FS=706 S FS=G01B
FX=	—	—	Fax Number ⁹	Phrase	S FX=214-390-1661
GI=	GI	—	Government Interest Text ¹³	Word	S GI=ACCEPTABLE
GL=	GL	—	Geographic Location (Inventor/Assignee) ⁹	Word & Phrase	S GL=(UNITED(W)KINGDOM) S GL=HORENHAUSEN/AU S GL=NEW(W)GL=YORK/CO
IA=	—	—	International Patent Class (IPCR/8) Attributes ¹⁷	Phrase	S IA=F S IC=B23C-0003(S)IA=N
IC=	IC	IC (15)	International Patent Class ^{10,16,17}	Phrase	S IC=H04R-025/00 OR IC=H04R-0025/00 S IC=H04R-025 OR IC=H04R-0025 S IC=H04R
ICA=	IC	—	Advanced International Patent Class ^{16,17}	Phrase	S IC="F16D-0025/0638" S IC=F16D-0025 S IC=F16D

ADDITIONAL INDEXES (cont'd)

SEARCH PREFIX	DISPLAY CODE	REPORT (FIELD LENGTH)	FIELD NAME	INDEXING	SELECT EXAMPLES
—	IM	—	Image		
IV=	IV	—	Inventor Name (Non-Standardized)	Phrase	S IV=BERGERON GARY?
LC=	LC	—	Locarno Classification ^{13,15}	Phrase	S LC=02-02
LR=	LR	—	Legal Representative/Correspondence Address	Word & Phrase	S LR=CONLEY, ROSE & TAYON S LR=MACNAK, PHILIP? S LR=CONLEY(W)LR=ROSE
LX=	LX	—	LitAlert Accession Number	Phrase	S LX=P1973-00-53
NC=	NC	—	Number of Claims	Phrase	S NC=20
ND=	ND	—	Number of Drawing Sheets ¹⁴	Phrase	S ND=8
NF=	NF	—	Number of Figures ¹⁴	Phrase	S NF=9
NN=	NN	—	Number of Non-U.S. Cited Patent References	Phrase	S NN=1
NR=	NR	—	Number of NonPatent. Cited Patent References	Phrase	S NR=1
NT=	NT	—	Number of Total Cited Patent References	Phrase	S NT=9
NU=	NU	—	Number of U.S. Cited Patent References	Phrase	S NU=8
OG=	OG	—	Official Gazette Date	Phrase	S OG=20010724
PA=	PA	—	Patent Assignee	Word & Phrase	S PA=(MOTOROLA(W)INC) S PA=MOTOROLA INC?
PC=	PC	—	Patent Country Code	Phrase	S PC=US S PC=US A1
PD=	PD	—	Publication Date ²	Phrase	S PD=19920421
PD=	PD	PD (10)	Publication Date (Main) ^{2,3}	Phrase	S PD=19920421/MP
—	PI	—	Patent Information		
PM=	PM	—	Publication Month ^{2,3}	Phrase	S PM=200107
PN=	PN	—	PCT Publication Number ⁵	Phrase	S PN=WO 200142607
PN=	PN	—	Patent Number ⁵	Phrase	S PN=5107540 S PN=US 5107540 S PN=US RE37445 S PN=D378008
PN=	PN	PN (16)	Patent Number (Main) ^{3,5}	Phrase	S PN=US 5107540/MP S PN=RE37445/MP
PR=	PR	—	Priority Application Data (Country, Number, Date)	Phrase	S PR=US S PR=US 2001720608 S PR=JP 93160398 S PR=20010501
PT=	PT	—	Design Patent Term of Grant	Phrase	S PT=14
PY=	PY	—	Publication Year (All, Including Reissue and PCT Dates)	Phrase	S PY=1992
PY=	PY	—	Publication Year (Main Patent) ³	Phrase	S PY=1990/MP
RF=	RF	—	Cited Non-patent References ^{5,12}	Word & Phrase	S RF=(MODERN(W)OPTICS) S RF=JOURNAL OF MODERN OPTICS?
RT=	RT	—	Record Type	Phrase	S RT=FULLTEXT S RT=IMAGE
SC=	AN	—	Series Code	Phrase	S SC=08
ST=	ST	—	State ⁹	Phrase	S ST=ARIZONA
TE=	—	—	Telephone Number ⁹	Phrase	S TE=973-808-7355
UD=	—	—	Update	Phrase	S UD=20020402 S UD=9999
WD=	WD	—	Fulltext Word Count	Phrase	S WD=3148
XT=	—	—	US TERM EXTENSION	Word & Phrase	S XT=10 DAYS S XT=5(W)YEARS
ZP=	Z[—	Zip Code ⁹	Phrase	S ZP=91361
Post-Issuance Legal Status Fields					
CD=	CD	—	Certificate of Correction Date	Phrase	S CD=20000611
DD=	DD	—	Disclaimer Date	Phrase	S DD=20000305
DM=	DD	—	Disclaimer Month	Phrase	S DM=199901
DT=	DT	—	Legal Document Type	Phrase	S DT=EXPIRED
DY=	DD	—	Disclaimer Year	Phrase	S DY=1999
FF=	FF	—	Micro Film/Fiche Frame Reassignment ¹²	Phrase	S FF=0120
ID=	ID	—	Reinstated Date	Phrase	S ID=20010611
IY=	ID	—	Reinstated Year	Phrase	S IY=2001
—	LS	—	All Post-Issuance Legal Status Fields Present		
RA=	RA	—	Reassignment Data/Post Issue Assignee ¹¹	Word & Phrase	S RA=(AUTO(W)WAX) S RA=AUTO WAX?
RC=	RC	—	Reexamination Certificate Number and Sequence	Phrase	S RC=B1D273843 S RC=304

ADDITIONAL INDEXES (cont'd)

SEARCH PREFIX	DISPLAY CODE	REPORT (FIELD LENGTH)	FIELD NAME	INDEXING	SELECT EXAMPLES
RD=	RD	—	Reassignment Recorded Date	Phrase	S RD=20010605
RE=	RE	—	Reexamination Request Date	Phrase	S RE=20010227
RG=	RG	—	Reassignment Assignor ¹¹	Word & Phrase	S RG=INTEL CORP? S RG=(INTEL(W)CORP?)
RK=	RK	—	Reassignment Kind	Word & Phrase	S RK=(SECURITY(W)ASSIGNMENT) S RK=SECURITY ASSIGNMENT?
RL=	RL	—	Re-examination Requestor Location	Word & Phrase	S RL=OAKLAND S RL=NEW HAVEN? S RL=(SAN(W)FRANCISCO)
RN=	RN	—	Re-examination Requestor Number	Phrase	S RN=50005353 S RL=NEW HAVEN? S RL=(SAN(W)FRANCISCO)
RQ=	RQ	—	Reexamination Requestor ¹¹	Word & Phrase	S RQ=(FLAVORS(W)FRAGRANCES) S RQ=INTERNATIONAL FLAVORS? S RQ=(FLAVORS(W)FRAGRANCES) S RQ=INTERNATIONAL FLAVORS?
RR=	RR	—	Reassignment Reel Number	Phrase	S RR=003245
RX=	RX	—	Re-examination Request Year	Phrase	S RX=1999
RY=	RY	—	Year Reassignment Recorded	Phrase	S RY=2001
UL=	—	—	Update - Legal Status	Phrase	S UL=9999
YG=	YG	—	Year Re-examination Recorded in Official Gazette	Phrase	S YG=2001

² Dates should be searched with 4-digit years, e.g., S PD=19901128 or S PD=901128.

³ Special suffixes can be used to further restrict retrieval, as noted: /MA (Main Class Code), /MP (Main Patent), /PR (Priority Application), /PV (Provisional Application), /RV (Annual Revision), /UR (Unofficial Reference), and /XR (Cross Reference).

⁴ The Assignee Flag indicates the nature of the organization that owns the invention at the time of publication. For instance, AF=03 indicates ownership by a non-US company.

⁵ US Application numbers and US patent numbers can be searched with or without the country code. In addition, US application numbers can be searched with the USPTO series number, e.g. S AN=07-403972; with leading year digits, e.g., S AN=US 89403972; or with a trailing year, e.g., S AN=US 403972-1989.

⁶ To search Cited Authors, use CA=; to search Cited Patents use CT=; to search Cited Non-patent References use RF=.

⁷ Includes country of inventor, assignee, and cited patent. Use the suffix /CO to restrict the search to assignee country, or /AU to restrict to inventor country.

⁸ Non-U.S. cited patents are not in DIALOG standard format.

⁹ City, state, country and other address information can be restricted to either the inventor (/AU) or to the patent assignee (/CO), e.g., S GL=(NEW(W)YORK)/CO.

¹⁰ Through December 2005, the edition of the International Patent Classification in use at the time that the classification was assigned displays in brackets. From January 1, 2006, each IPC Version 8/R classification includes the version date as one of the IPC attributes..

¹¹ New Assignees and Assignors can also be searched using CO=, or in the Basic Index as single words without suffix qualification.

¹² Data not available in published application documents.

¹³ Available for searching from January 2005.

¹⁴ NF=, Number of Figures, and ND=, Number of Drawing Sheets, are not available for pre-grant publications as of January 2005.

¹⁵ The Locarno Classification is the international design classification. From January 2005, it is provided for design patents as appropriate.

¹⁶ With the introduction of the Reformed International Patent Classification (IPCR/8) on January 1, 2006, the format of the IPC group has increased in length from 3 to 4 digits. For comprehensive retrieval, both forms of the classification should be searched, e.g., S IC=H04R-025/00 OR IC=H04R-0025/00. Advanced level classification codes can be searched directly in the ICA= index. Classification codes can be linked to their attributes using the S operator.

¹⁷ Each IPCR/8 classification code is also assigned a series of attributes. These include classification level (A - Advanced, C - Core, S - Subclass), value (I - Inventive, N - Non-inventive), position (F - First, L - Later), status (B - basic, R - Reclassified, V - Various, D - Deleted), version date, action date, source (H - Human, M - Machine, G - Generated), and assigning office. The classification attributes can be searched with the IA= prefix and can be linked to an IPCR/8 classification code (assigned after January 1, 2006) using the S operator, and quotes around the classification code e.g., S IA=F(S)IC="A61K-0031/198".

¹⁸ Company Name (CO=) includes Patent Assignee (PA=), Reassignment Assignor (RG=) and Reassignment Assignee (RA=).

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP MAP, HELP IDPAT, HELP CURRENT online.

LIMIT	/ -- DIALOG Accession Number /YYYY -- Publication Year	S S3/02068202-9999999 S S2/1992
SORT	AN, AU, CL, PA, PD, PN, TI	SORT S2/ALL/CL PRINT S5/5/1-24/PN
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Additional RANK codes include: ANPR, CLOR, ICMA, PNMP	RANK ANPR
MAP	AN,ANPR,ANPRYY,ANPV,ANYY,AU,CK, CL,CLMA,CLOR, CLRV,CLUR,CLXR,CO,CT,CTPN,CY,DX,FS, IC,ICMA, IV,LR,LX,PA,PN,PNCG, PNCT,PNMP,PNPB,ST	MAP PN TEMP S1 MAP ANPR TEMP S4
IDPAT	Identify patent duplicates and display all or selected patent groups.	IDPAT IDPAT S1 SHORT
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 654 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Bibliographic Citation plus the following Front Page Information: U.S. Class Codes; International Class Codes; Field of Search; Cited References; Name of Examiner; Name of Attorney, Agent, or Firm; PTO Art Unit; Number of Claims; and Line Count
3	Medium	Bibliographic Citation (includes Document Type, Title, Patent Number, Patent Date, Inventor(s), Assignee(s), Application Number, Application Date, Related Applications, and Word Count)
4	--	Bibliographic Citation plus Abstract
5	--	Full Record except Text of Specification (All Data in Format 2 plus Abstract, Claims, and All Post-Issuance Legal Status Fields Present)
6	Short	Title, Number of Claims and Word Count
7	Long	Bibliographic Citation plus Abstract, All Post-Issuance Legal Status Fields, All Class Codes (U.S. and IPC), Derwent and LitAlert Accession Numbers, Cited References, Summary of Invention, Brief Description of Drawings and Claims
8	--	Title, Document Type, U.S. Class Codes, International Class Codes, Examiner Field of Search, Number of Claims, Number of Drawings, and Word Count
9	--	Full Record
12	--	Format 2 plus Image
15	--	Format 5 plus Image
16	--	Format 6 plus Image
17	--	Format 7 plus Image
19	Full	Format 9 plus Image
29	--	Legal Format
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP REPORT, HELP UDF, HELP TAG online.

REPORT	Output can be displayed in table format. REPORT codes with field lengths in parentheses are listed in the Search Options tables. Default table width is 72 characters; use SET H 132 to set maximum table width.	REPORT S2/PN,TI/ALL
USER DEFINED FORMATS	User-defined formats can be specified using the display codes indicated in the Search Options tables.	TYPE S3/TI,PA/1-5
TAG	Output can be displayed with tags identifying each display field.	TYPE S2/3/1-5 TAG
DIRECT RECORD ACCESS	DIALOG Accession Number	TYPE 02068202/5 DISPLAY 0074483/TI,PA PRINT 0301964/5

FOR ONLINE HELP:

See HELP FIELDS 654 for searchable fields; HELP FORMAT 654 for output formats; HELP LIMIT 654 for limits; HELP RATES 654 for cost information; HELP SORT 654 for sorts.