

IFIALL (IFI Comprehensive Database)

Subject Coverage	 Chemistry Engineering Medicine Nuclear Science Technology 					
File Type	Bibliographic					
Features	Thesauri	Controlled Term (/CT), Fragment Code (/FG), Uniterm (/UN), Cooperative Patent Classification (/CPC), International Patent Classification (/IPC)				
	<u>Alert (SDIs)</u>	Every update, we	ekly, or monthly	(monthly is the o	default)	
	CAS Registry Number [®] Identifiers		Page Images		STN [®] AnaVist™	
	Keep & Share	\checkmark	<u>SLART</u>	$\mathbf{\nabla}$	<u>STN Easy®</u>	\checkmark
	Learning Database		Structures			
Record Content	 Front page and bibliographic data, abstracts and claims from U.S. patents. Standard bibliographic and patent data; USPTO Classifications (original and cross references), and issue dates. Front page patent abstracts, application data, priority data, Cooperative Patent Classification (CPC) and International Patent Classification (IPC) codes. For records prior to January 25, 2011, CA references and CAS Registry Numbers are included for many of the chemical patents. Indexing by Uniterms is provided for chemical patents. Fragment codes, which allow for substructure searching of chemical substances, and Role indicators for chemical substances are also included. Probable patent assignee (PPA) information is updated weekly. 					
File Size	More than 13.8 mill	ion records (8/20)19)			
Coverage	Chemical and chemically related patents are covered from 1950 to the present. Mechanical and electrical patents from 1963 to the present. Design patents are covered from 1980 to the present. U.S. applications published since March 15, 2001, are also included.					
Updates	Twice a week					
Language	English					
Database Producer	IFI CLAIMS [®] Paten a division of Fairvie P.O. Box 1148, Mac Phone: (203) 779-5 Fax: (203) 583-4 Email: info@ificlaim Copyright Holder	t Services, w Research LLC dison, CT 06443 301 521 is.com				

Sources	United States patents issued by the U.S. Patent and Trademark Office since 1950 and announced in the U.S. Patent Office Official Gazette.
Jser Aids	 U.S. Patent Office Manual of Classification (available from <u>http://www.uspto.gov/web/patents/classification/</u>) Online Helps (HELP DIRECTORY lists all help messages available) STNGUIDE
Clusters	 AGRICULTURE ALLBIB AUTHORS BIOSCIENCE CASRNS COMPUTER CONSTRUCTION CORPSOURCE ELECTRICAL ENGINEERING ENVIRONMENT FUELS GEOSCIENCE HEALTH HPATENTS MATERIALS MEDICINE METALS PATENTS PATENTS PETROLEUM PHARMACOLOGY PHYSICS POLYMERS

Pricing

Enter HELP COST at an arrow prompt (=>).

Search and Display Field Codes

Fields that allow left truncation are indicated with an asterisk (*).

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from the title (TI), abstract (AB), patent claims (ECLM, ACLM), government interest statement (GOVI), botanical information (BOTI), graphics information (GI), and note (NTE) fields, as well as CAS Registry Numbers (RN))	None (or /BI)	S ACETAL? S GOLF(A)CLUB AND DESIGN S SOFTWARE/BI S ELEVATION VIEW# S ROSA HYBRIDA S GRANT NUMBER S INDEXED FROM APPLICATION S 50-02-2 S ?POLAR?	AB, ACLM, BOTI, ECLM, GI, NTE, RN, TI
Abstract *	/AB	S MODEL?/AB	AB
Accession Number (1) Agent (Legal Representative) Application Country (2)	/AN /AG (or /LREP) /AC	S 2758301/AN S SPENCER & FRANK/AG S US/AC AND 2000/AY	AN AG AI
Application Date (1,2)	/AD	S 19770603/AD	AI
Application Number (2,3)	/AP	S US199-609476/AP S 1996US-609476/AP S W01991-4U272/AP	AI
Series Code of associated Application Number Application Year (1,2) Art Unit (1) Claims* Cooperative Patent Classification (3,8,9) Cooperative Patent Classification, Action Date (1) Cooperative Patent Classification, Keywords (9) Cooperative Patent Classification, Version Cooperative Patent Initial Classification (3) Controlled Term (4) Controlled Term, Business Methods Disclaimer Date (1) Document Type (code and text)	/AP.SC /AY /ARTU /CLM /CPC /CPC.ACD /CPC.KW /CPC.VER /CPCI /CT /CT.BM /DCD /DT (or /TC)	S 13/AP.SC or S D/AP.SC S 1999/AY S 123/ARTU S ?DRUGS?/CLM S C12N0009/CPC S 20121113/CPC.ACD S C12N0009/CPC (S) I/CPC.KW S 20130101/CPC.VER S C12N0009/CPCI S ACETIC ACID/CT S PACKAGE TRACKING/CT.BM S DCD>=20020100 S REISSUE/DT S RR/DT S PATENT APPLICATION?/DT	AI AI ARTU ECLM, ACLM CPC CPC.TAB CPC.TAB CPCI CT CT DCD DT
Entry Date (1) Examiner Name Examiner's Field of Search Expiration Date (1) Expiration Year (1) Family Member Country Family Member Date (1) Family Member Number (3)	/ED /EXNAM /EXF /XPD /XPY /FC /FD /FN	S L1 AND ED>=20020700 S ROBERTS?/EXNAM S 430123000/EXF S L1 AND XPD>=19980100 S L1 AND XPY>=1999 S DE/FC S 20000104/FD S US30870/FN S US30870/FN	ED EXNAM EXF XPD XPD FI FI FI
Family Member Year (1) Field Availability	/FY /FA	S FY>1998 S L1 AND CLM/FA	FI Not displayed
File Segment (code and text)	/FS	S AB/FA AND L7 S CHEMICAL/FS S C/FS S (C AND OS)/FS S L1 AND APPLICATION/FS S (CE AND GRANTED)/FS	FS
Fragment Code (4) International Patent Classification (IPC)(includes Main and Secondary IPCs)	/FG /IC	S 37730/FG (L) 30/RL S A24B/IC	FG IC, ICM, ICS

Search and Display Field Codes (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Inventor (includes location)	/IN	S FLINT?/IN	IN
	(or /AU)	S FLINT ALAN G/IN	
Inventor in Nonstandard Format	/INF	S (GREEN, A? (S) GB)/IN S CREETH/INF	IN
(Includes location)		S (GLASSER (S) VA)/INF	
IPC Action Date (1)		S 20001220/IFC.ACD S ADV/ANCED/IPC KW	IPC, IPC, IAD
IPC Old (IC_ICM_ICS)	/IPC OLD	S A24B/IPC OLD	
IPC Version	/IPC.VER	S 20060101/IPC.VER	IPC, IPC.TAB
IPC, Initial	/IPCI	S A61K0009-14/IPCI	IPCI
IPC, Main	/ICM	S A01N001/ICM	IC, ICM
IPC, Main Group, Range-Searchable	/MGR	S A01N-001/02/ICM S 10-20/MGR (S) C07C/IC	IC, ICM, ICS
(I) IPC Reclassified		S 461K0000-14/IPCP	
IPC Secondary		S A01G027/ICS	
IPC. Subgroup, Range-Searchable (1)	/SGR	S SGR=>30000(S)C01B031/IC	IC, ICM, ICS
Issue National Patent Classification	/INCL	S 424093100/INCL	INCL
Issue Main National Patent	/INCLM	S 424234100/INCLM	INCLM, INCL
Issue Secondary National Patent	/INCLS	S 424200100/INCLS	INCLS, INCL
Language (code and text)	/LA	S EN/LA AND ABBOTT?/EXNAM	Not displayed
Main National Patent Classification	/NCLM	S 003001000/NCLM	NCL, NCLM
National Patent Classification Code (includes main and secondary NCLs)	/NCL	S 002002500/NCL	NCL, NCLM, NCLS
National Patent Classification, Range- Searchable (1)	/NCLR	S 2002000-20640000/NCLR	NCL, NCLM, NCLS
Note	/NTE	S APPLICATION/NTE	NTE
Number of Claims (1)	/CLMN	S 10-13/CLMN	CLMN
Number of Patents Citing This Patent	/PNC.G	S PNC.G>5	PI
Other Source	/OS	S CA/OS	OS
Patent Assignee (5)	/PA	S ABBOTT?/PA	PA
(includes patent assignee code)	(01/03)	S MERRELL DOW/PA	
Patent Assignee (Probable)	/PPA	S ABBOTT/PPA	PPA
Patent Assignee in Nonstandard	/PAF	S LEINER/PAF	PA
Format (includes location)		S NUTRITIONAL PRODUCTS/PAF	
		S (HEWLETT-PACKARD(S)CA)/PAF	
Patent Country (2)	/PC	S US/PC AND PY>1999	PI
Detent Kind Code		S WO/PC	וח
Patent Kind Code	/PK /DN	S A1/PK S US30843/DN	
		S US30043/FN S US30843/PN	FI
		S WO9200563/PN	
		S US2002026659/PN	
Patent Number/Kind Code	/PNK	S US30843/PNK	PNK
Priority Country	/PRC	S DE/PRC	PRAI
Priority Date (1)	/PRD	S 19950109/PRD	PRAI
Priority Number (3,6)	/PRN	S DE1998-29801192/PRN	PRAI
(includes provisionals) Priority Year (1)		5 U52UUU-1429749/PKN S 1005-2000/PPV	
Publication Date (1)	/PD	S 20020702/PD	PI
Publication Year (1)	/PY	S 2001-2003/PY	PI
Reference Non-Patent Information	/REN	S XEROGRAPHY/REN	REN

Search and Display Field Codes (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Reference Patent Classification Reference Patent Country	/RPCL /RPC	S D01101000/RPCL S AU/RPC	REP REP
Reference Patent Number (7)	/RPN	S AT24742/RPN	REP
Reference Patent Publication Date (1)	/RPD	S JUL 1990/RPD	REP
Related Application Country	/RP1 /RLC	S US/RLC	RLI
Related Application Date (1) Related Application Number (3)	/RLD /RLN	S 19790407/RLD S US1956-626211/RNL S 1956US-0626211/RLN	RLI RLI
Related Application Type (code and text)	/RLT	S CIP/RLT S CONTINUATION-IN-PART/RLT	RLI
Related Application Year (1)	/RLY	S 1988-1990/RLY	RLI
Related Patent Number (3)	/RLPN	S US3753535/RLPN	RLI
Related Publication Indicator (code and text)	/RLP	S ABD/RLP S ABANDONED/RLP	RLI
Role Indicator	/RL	S 20/RL S 50437/UN (S) 30/RL S 37730/FG (L) 30/RL	CT, FG, UN
Secondary National Patent Classification Code	/NCLS	S 021054000R/NCLS	NCL, NCLS
Term of Patent (1)	/PTERM	S 13-15/PTERM	PTERM
Title*	/TI	S EPOXY TAPE/TI	TI
Uniterm	/UN	S 00032/UN S 50437/UN (S) 30/RL	UN
Uniterm Registry Number	/URN	S 50-55-5/URN	URN
Update Date (1)	/UP	S L1 AND UP>20020000	ED

(1) Numeric search field that may be searched with numeric operators or ranges.

(2) Data for PCT applications have been available in this field since late 1993; prior to 1993, PCT information is included in the abstracts.

(3) Either STN format or Derwent format may be used.

(4) There is a thesaurus-like feature available in this field. When you search a term in this field, the code and text are displayed

automatically.

(5) Search with implied (S) proximity is available in this field.

(6) U.S. Provisional Priority Applications are searched only with the P appended.(7) Only non-U.S. patent numbers are searchable in this field.

(8) An online thesaurus is available for this field.
(9) When searching combinations of CPC and CPC.KW data, use (S) proximity operator.

Super Search Fields

Enter a super search code to execute a search in one or more fields that may contain the desired information. Super search fields facilitate crossfile and multifile searching. EXPAND may not be used with super search fields. Use EXPAND with the individual field codes instead.

Search Field Name	Search Code	Fields Searched	Search Examples	Display Codes/Formats
Cooperative Patent Classification (1) Patent Application Group (1)	/CPC /APPS	/CPCI, /CPCR /AP, /PRN,	S C12N0009/CPC S US56-626454/APPS	CPC APPS
Patent Assignee Group	/PASS	/PA, /PAF, /PPA	S ABBOTT/PASS	PASS
Patent Countries	/PCS	/FC, /PC, /RPC	S DE/PCS	FI, PI, REP
Patent Numbers Group (1)	/PATS	/FN, /PN, /RPN	S US102601/PATS S US0102601/PATS	PATS

(1) Either STN format or Derwent format may be used.

Controlled Term (/CT) Thesaurus

A thesaurus-like feature is available in the Controlled Term (/CT) field. When you search a term in this field, the code and the text are automatically displayed. To view the code and text, use the ALL Relationship Code in the EXPAND command.

Code	Content	Example
ALL	Code and Text (SELF, UN)	E ACID CATALYSTS+ALL/CT

CPC (/CPC) Thesaurus

The Cooperative Patent Classification (CPC) is jointly developed and maintained by the European Patent Office and the US Patent and Trademark Office. This thesaurus is available in the /CPC search field. All relationship codes can be used with both the EXPAND and SEARCH commands.

Relationship Code	Content	Search Examples
ALL	All usually required terms (BT, SELF, CODE, DEF)	E C12M0001-005+ALL/CPC
AUTO (1)	Automatic relationship (BT, SELF, CODE, DEF)	E G01J003-443+AUTO/CPC
BT	Broader terms (BT, SELF)	E G01J0003-443+BT/CPC
CODE	Classification Code (SELF, CODE)	E A01B0079-00+CODE/CPC
DEF	Definition (SELF, DEF)	E A01B0079-00+DEF/CPC
HIE	Hierarchy terms (all broader and narrower terms) (BT, SELF,	E A01B0001+HIE/CPC
MAX	All associated terms	E G01J0003-44+MAX/CPC
NEXT	Next classification within the same class (SELF, NEXT)	E A01B0079-00+NEXT/CPC
NEXT(n)	Next n classification within the same class	E A01B0079-00+NEXT3/CPC
NT	Narrower terms	E G05B0019-02+NT/CPC
PREV	Previous Code within the same class (SELF, PREV)	E G05B0019-00+PREV/CPC
PREV(n)	Previous n classifications within the same class	E G05B0019-00+PREV2/CPC
TI	Complete Title of SELF Term and Broader Terms (BT, SELF)	E G05B0001-03+TI/CPC

(1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

Fragment Code (/FG) Thesaurus

A thesaurus-like feature is available in the Fragment Code (/FG) field. When you search a term in this field, the code and the text are automatically displayed. To view the code and text, use the ALL Relationship Code in the EXPAND command.

Code	Content	Example
ALL	Code and Text (SELF, CT)	S 30028+ALL/FG

Uniterm (/UN) Thesaurus

A thesaurus-like feature is available in the Uniterm (/UN) field. When you search a term in this field, the code and the text are automatically displayed. To view the code and text, use the ALL Relationship Code in the EXPAND command.

Code	Content	Example
ALL	Code and Text (SELF, CT)	E 00032+ALL/UN

International Patent Classification (/IPC) Thesaurus

IPC Thesaurus: The classifications and catchwords for the main headings and subheadings from the current (8th) edition of the WIPO International Patent Classification (IPC) manual are available. The classifications from the previous editions (1-7) are also available as separate thesauri. To EXPAND and SEARCH in the thesauri for editions 1-7, use the field code followed by the edition number, e.g., /IPC2, for the 2nd edition. Catchwords are included only in the thesauri for the 8th, 7th, 6th, and 5th editions.

All relationship codes can be used with both the SEARCH and EXPAND commands.

Relationship Code	Content	Example
ADVANCED (ADV)	Advanced Codes for the Core Level IPC code	E A61K0006-02+ADV/IPC
ALL BRO (MAN) BT CORE (COR) ED HIE INDEX KT NEXT NT PREV RT (SIB) TI	All Associated Terms (BT, SELF, NT, RT) Complete Class Broader Terms (SELF, BT) Core Codes for the Advanced Level IPC code Complete title of the SELF term and IPC manual edition Hierarchy Terms (Broader and Narrower Terms) (BT, SELF, NT) Complete title of the SELF term Keyword Terms (catchwords) (SELF, KT) Next Classification Narrower Terms (SELF, NT) Previous Classification Related Terms (SELF, RT) Complete Title of the SELF Term and Broader Terms (BT, SELF)	E H01B0001-06+ALL/IPC E H01B0017-54+BRO/IPC E C01F0001-00+BT/IPC E C03B0001-00+CORE/IPC E C01F0001-00+ED/IPC E C01C0003-00+HIE/IPC E C01F0001-00+INDEX/IPC E INJECTION+KT/IPC E C01C0001-00+NEXT5/IPC E C01C+NT/IPC E C01C0001-12+PREV10/IPC E C01F0001-00+TI/IPC

DISPLAY and PRINT Formats

Any combination of display formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L3 1-10 TI,AB or D L3 1-10 TI AB. The fields are displayed in the order requested.

Hit-term highlighting is available in all fields except AI, CDAT, FI, PI, PRAI, REP, RLI, UN, and XPD. Highlighting is set ON by default and must be ON when SEARCH is performed in order to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB	Abstract	D 1-3 AB
AG (I REP)	Agent (Legal Representative)	D 4 9 AG
AL (AP) (1)	Application Information	D I 3 5-7 AI
AN (2)	Accession Number	D I 3 AN 1-5
ARTU (2)	Art Unit	D ARTILL8
	Botanical Information	
CDAT	Correction Date	
CL ML (2)	Independent Claim Numbers	
CLMN(2)	Number of Claims	
CPC	Cooperative Patent Classification	
CPCI	CPC Initial Classification	
CPCR	CPC Reclassification	
CT (2)	Controlled Term	$D = 1-3 CT \downarrow 4$
	Disclaimer Date	
	Document Type	
ECLM	Exemplary Claim	
	Entry Date (includes Lindate date)	
EVE(01)	Evaminer's Field of Search	
	Examiner ST leid of Gearch	
	Examiner Name	
FL (FN) (1)	Family Information	D 1-5 10 FI
	File Segment	D 1-5, 1011
	Graphics Information	
	Givernment Interest	D GI 4-0, 11
	IPC, Recondeny	
$\left(2\right)$	Inventer (INF IN)	
IN(AU)	Inventor (INF, IN)	D L4 T-0 IN
$\frac{1100LIVI(2)}{100LIVI(2)}$	Issue Main National Fatent Classification Code	
	HIT IDC codec	
	Unique IPC codes in record	
	IPC Initial	
	IPC Reclassified	
	Nierofilm Frame Number (includes MPN)	
	Microfilm Profile Number (includes MEN)	
	Main National Potent Classification Code	
	Nall Nallonal Falent Classification Code	
	Note Other Seurce	
	Other Source	
	Patent Case Date	
	Parent Information	
	Patent Number/Vind Code	
	Patent Assignes (Drebeble)	
	Paleill Assignee (Probable)	
	Phoney Information	
	Peference Non Detent Information	
	Reference Detent Information	
	Releted Application Information	
	CAS Projetry Number	
TI (2)		
11 (2)		
	Uniterni Unitern CAS Periote Number	
ΛFU		

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
ABS	AB NTE BOTI CLMN	
	AN TI INE IN PAE PA PPA EXNAM AG PLAI PTERM DOD XPD RU	
/(== (1,0)	PRALEL DT CDAT ES OS ED GOVI PARN MEN MEN AB NTE BOTI	DOMEL
	CLMN CLMI GLECLM ACLM REP REN INCL (INCLM INCLS) NCL (NCLM	
	NCLS) CPC (CPCL CPCR) IPC EXE ARTLI RN LIN(CT) LIRN FG	
ALL TX (1.3)	All including text for UN and EG	D ALL TX 3-5
APPS (1)	AL RI L PRAI	D APPS
BIB (1.3)	AN, TL INF, IN, PAF, PA, PPA, FXNAM, AG, PL AL PTERM, DCD, XPD, RU	D 1.4-6 BIB
(-,-,	PRAI, FI, DT, CDAT, FS, OS, ED, GOVI, PARN, MRN, MFN, NTE, BOTI, CLMN	,. •
CBIB (1.3)	AN. Compressed Bibliographic Data	D CBIB
CLM	Claims (ECLM, ACLM)	D CLM
CPC	CPCI, CPCR for the basic patent and patent family members	D CPC
CPC.TAB	CPC, CPC.KW, CPC.ACD, CPC.VER in tabular format	D CPC.TAB
CPC.UNIQ	Deduplicated list of CPC codes for the patent family	D CPC.UNIQ
DALL (1,3)	ALL, delimited for post processing	D DALL
IABS (1,3)	ABS, indented with text labels	D 5 IABS
IALL (1,3)	ALL, indented with text labels	D IALL 5
IBIB (1,3)	BIB, indented with text labels	D CLM IBIB
IC (2)	International Patent Classification (ICM, ICS)	D 3,5,7 IC
ICLM	CLM with text labels	D ICLM TI 4
IIND (2)	IND, indented with text labels, including text for UN	D 1,6 IIND IRE
INCL	Issue National Patent Classification Code (INCLM, INCLS)	D INCL
IND (2)	INCL (INCLM, INCLS), NCL (NCLM, NCLS), CPC (CPCI, CPCR), IPC (ICM, ICS,	D L2 1-20 IND
	IPCI, IPCR), EXF, ARTU, RN, UN (including text), URN, FG	
INDTX (2)	IND, including text for UN and FG	D L3 4 INDTX
IPC (2)	International Patent Classification (ICM, ICS, IPCI, IPCR)	D3,5,7 IPC
IPC.TAB (2)	IPC in Tabular Format	D IPC.TAB
IRE (1)	RE, indented with text labels	D 2-5 IRE
ISBIB (1,3)	SBIB, indented with text labels	D L3 ISBIB
ISTD (1,3)	STD, indented with text labels	D ISTD
ISTDN (1,3)	STDN, indented with text labels	D ISTDN
ITRIAL (2)	TRIAL, indented with text labels	D TRIAL
NCL (2)	National Patent Classification Code (NCLM, NCLS)	D NCL
PASS	PAF, PA, PPA	D PASS
PAIS (1)	PI, RLI, FI, REP	DPAIS
	REP, REN	D RE 8,11
SBIB (1,3)	AN, 11, IN, PA, PPA, PI, AI, RLI, PRAI, FI, DT, CDAT, FS, OS, ED, BOTT, MRN,	D SBIB 3 L2
SCAN (2)		
SCAN (Z)	AN, TI, CLIMIN, INCL (INCLIM, INCLS), NOL (NOLIM, NOLS), OPC (OPCI, OPCR),	
STD (1 2)		
510(1,3)	I AN, TI, IN, FA, FFA, FI, AI, KLI, FKAI, FI, DT, ODAT, F3, O3, ED, WIKIN, WIFIN, INCL (INCLM INCLS) NCL (NCLM NCLS) CDC (CDCL CDCD) IDC (ICM ICS	0310
STDN (1 3)	AN TEIN DA DDA DEAL REEDRALEE DT CDAT ES OS ED MENI MENI AB	
	NTE BOTI CLMN, ECLM INCL (INCLM INCLS) NCL (NCLM NCLS) CPC	
	(CPCL CPCR) IPC (ICM ICS IPCL IPCR)	
TRIAL (2) (TRI	AN TECEMN INCL (INCLM INCLS) NCL (NCLM NCLS) CPC (CPCL CPCR)	D TRIAL TOTAL
SAM FREE)	IPC (ICM ICS IPCI IPCR) RN CT(UN) URN FG	B IIII/E FOI//E
FP (1)	Front page format for PL TL INF, PAF, AL PTERM, DCD, RLL PRAL REP, REN.	D I 3 FP 12
	FXNAM, AG. GOVI. PARN, AB. CI MN, GI	
FPALL (1)	Front page format for PL TL INF, PAF, AL PTERM, DCD, RLL PRAL	D 1 4 FPALL
	IPC (ICM, ICS, IPCI, IPCR), NCI, (NCI M, NCI S), CPC (CPCI, CPCR), EXF.	DITITICE
	REP. REN. EXNAM. AG. GOVI. PARN. AB. CLMN. GL. FCI M. ACI M	
FPBIB (1)	Front page format for PI, TI, INF, PAF, AI, PTERM, DCD, RLI, EXNAM	D FPBIB 6
	AG, PŘAI, GOVI, PARN, CLMN	-
FPSTDN (1)	Front page format for PI, TI, INF, PAF, AI, PTERM, DCD, RLI, PRAI, REP, REN,	D FPSTDN L8
	EXNAM, AG, GOVI, PARN, AB, CLMN, ECLM, NCL (NCLM, NCLS), CPC (CPCI.	
	CPCR), IPC (ICM, ICS, IPCI, IPCR)	

10 IFIALL **DISPLAY and PRINT Formats (cont'd)**

Format	Content	Examples
CPC.HIT (HITCPC) HIT	HIT display of CPC code searched Fields containing hit terms	D CPC.HIT or D HITCPC D HIT
KWIC OCC (2)	Hit terms with 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D KWIC NOH D OCC

(1) By default, patent, application, and priority numbers are displayed in STN format. To display them in Derwent format, enter SET PATENT DERWENT at an arrow prompt. To reset display to STN format, enter SET PATENT STN.

(2) No online display fee for this format.(3) MRN and MFN data available from 1979 to the present.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT(1)	SORT
Abstract	ΔB	v	N
Accession Number	AN	V	N
Agent (Legal Representative)		√ (3)	V
Application Country	AC	$\vee (3)$	V V
Application Date		(\mathbf{T})	I V
Application Information		· (+) ∨ (4 5 6)	I V
Application Mumber		(4, 5, 6)	I V
Application Number Croup		(4,0)	T NI
Application Number Group		(4,0,7)	IN NI
		Y (4)	N
Art Unit	ARIU	N	Y
Author (Inventor)	AU	Y X (D)	Y
Botanical Information	BOIL	Y (2)	N
CAS Registry Number	RN	Y	N
Controlled Term	CT	Y	N
Cooperative Patent Classification (CPC)	CPC	Y (19)	N
CPC, Initial	CPCI	Y (20)	N
CPC, Reclassified	CPCR	Y (20)	N
CPC Hit Display	CPC.HIT (HITCPC)	Y	Y
CPC Codes Deduplicated for patent family	CPC.UNIQ	Y	Y
Disclaimer Date	DCD	Y	Y
Document Type	DT	Y	Y
Entry Date	ED	Y	Y
Examiner Name	EXNAM	Y	N
Examiner's Field of Search	EXF	Y	Y
Expiration Date	XPD	Y (4)	Y
Expiration Year	XPY	Y (4)	Y
Family Member Country	FC	Y (4)	Ν
Family Member Date	FD	Y (4)	Ν
Family Member Information	FI	Y (4.6.8)	N
Family Member Number	FN	Y (4.6)	N
Family Member Year	FY	Y (4)	N
File Segment	FS	Y	Ŷ
Fragment Code	FG	Ý	N
Inventor	IN	Ŷ	Y
Inventor in Nonstandard Format	INF	Ý	N
International Patent Classification (IPC)	IPC	Ý (9)	N
		· (3) ∨ (10)	V
IPC Hit IPC codes		· (10) ∨ (9)	V I
IPC Unique IPC codes in record		· (5) ∨ (9)	I V
IPC Initial		(3) ∨ (0)	I N
IPC, Initial		1 (5)	N V
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IPC Secondary		· (3)	
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Issue National Patent Classification Code		T V	ř V
Issue Main National Patent Classification Code		ř V	Ý
Issue Secondary National Patent Classification Code		Y	N
Legal Representative (Agent)		Y	Y
Main National Patent Classification Code	NGLM	Y	Y
Microfilm Frame Number	MEN	N	Y
IVIICIOTIIM Reel Number	MKN	N	Y

IFIALL SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT(1)	SORT
National Patent Classification Code	NCL	Y (11)	Y
Note	NTE	Y (2)	Ν
Number of Claims	CLMN	N	Y
Occurrence of Hit Terms	000	Ν	Y
Other Source	OS	Y	Y
Patent Assignee (Corporate Source)	PA (CS)	Y	Y
Patent Assignee (Nonstandard Format)	PAÈ	Y	Ν
Patent Assignee (Probable)	PPA	Y	Y
Patent Case Data	PARN	Y (2)	Ν
Patent Countries Group	PCS	Y (4,13)	Ν
Patent Country	PC	Y (4)	Y
Patent Information	PI	Y (4,6,12)	Y
Patent Kind Code	PK	Y	Y
Patent Number	PN	Y (4,6)	Y
Patent Number Group	PATS	Y (4.6.14)	Ň
Patent Number/Kind Code	PNK	Υ	N
Priority Country	PRC	Y (4)	Ŷ
Priority Date	PRD	Y (4)	Ý
Priority Information	PRAI	Y (4.6.15)	Ý
Priority Number	PRN	Y (4.6)	Ŷ
Priority Year	PRY	Y (4)	N
Publication Date	PD	Y (4)	Y
Publication Year	PY	Y (4)	Ý
Reference Patent Classification	RPCI	Y (4)	N
Reference Patent Country	RPC	Y (4)	N
Reference Patent Information	REP	Y (4 6 16)	N
Reference Patent Inventor	RPIN	Y (4)	N
Reference Patent Number	RPN	Y (4 6)	N
Reference Patent Publication Date	RPD	Y (4)	N
Reference Patent Publication Year	RPY	Y (4)	N
Related Application Country	RIC	Y (4)	N
Related Application Date	RID	Y (4)	N
Related Application Information	RU	Y (4.6.17)	N
Related Application Number	RIN	Y (4 6)	N
Related Application Type	RIT	$\vee (4, 0)$	N
Related Application Year	RLY	Y (4)	N
Related Patent Number	RIPN	$\vee (4)$	N
Secondary National Patent Classification Code	NCLS	Y (T)	N
Term of Patent	PTERM	N	V
Title		Y (default)	Ý
Treatment Code	TC	Y (18)	v v
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Uniterm Registry Number		· (*)	N
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(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT RN.

(2) Appends /BI to the terms created by SELECT.

(3) Appends /LREP to the terms created by SELECT.

(4) SELECT HIT and ANALYZE HIT are not valid with this field.

(5) Selects or analyzes the application number with /AP appended to the terms created by SELECT.

(6) Enter SET PATENT DERWENT at an arrow prompt (=>) to extract patent, application, priority, family, reference patent, and related application numbers in Derwent format.

(7) Selects or analyzes application, priority, and related application numbers with /APPS appended to the terms created by SELECT.

(8) Selects or analyzes family numbers with /FN appended to the terms created by SELECT.

(9) Selects or analyzes all IPC codes with /IPC appended to the terms created by SELECT.

(10) Selects or analyzes ICM and ICS with /IC appended to the terms created by SELECT.

(11) Selects or analyzes NCLM and NCLS with /NCL appended to the terms created by SELECT.

(12) Selects or analyzes the patent numbers with /PN appended to the terms created by SELECT.

(13) Selects or analyzes the patent countries from PI, FI, and REP fields with /PCS appended to the terms created by SELECT.

(14) Selects or analyzes the patent numbers from PI, FI, and REP fields with /PATS appended to the terms created by SELECT.

(15) Selects or analyzes the priority numbers with /PRN appended to the terms created by SELECT.

(16) Selects or analyzes the reference patent numbers with /RPN appended to the terms created by SELECT.

(17) Selects or analyzes the related application numbers with /RLN appended to the terms created by SELECT.
(18) Appends /DT to the terms created by SELECT.
(19) Select CPC selects all CPCI and CPCR classifications and appends /CPC as a field code.
(20) SELECT appends /CPC.

Full-Text Browsing

User Request	Example	System Response
DISPLAY BROWSE	=> DISPLAY BROWSE ENTER (L1) OR L#:. ENTER (DIS), ANSWER NUMBERS, OR END:	NOVICE version
D BRO	=> D BRO L1	EXPERT version
Answer number(s)	:1-3 :.	display answers 1, 2, and 3 in default format display next answer in default format
Answer number(s) and format	:4 HIT	display answer 4 in HIT format
Format only	:TI TX	display title and text of last answer displayed
*Format	:*KWIC	change default to KWIC;
		no answer displayed
Forward n fields	:F3	move forward 3 fields
Backward n fields	:B1	move backward 1 field
Search forward for a character string	:S GROWTH REGUL	search forward within record for 'growth regul'
0	:S	repeat search forward for the current string
Search backward for a character string	:S- ALKANOIC ACID	search backward within record for 'alkanoic acid.'
-	:S-	repeat search backward for the current string
End DISPLAY BROWSE	:END =>	exit DISPLAY BROWSE and return to => prompt

Sample Records

EXPAND in /CT Thesaurus

=> E POLYISOBUTYLENE+ALL/CT E1 7701 --> POLYISOBUTYLENE/CT UN 04220 ******** END ********

EXPAND in /UN Thesaurus

=> E 04220+ALL/UN E1 7701 --> 04220/UN CT POLYISOBUTYLENE ******** END ********

EXPAND in /FG Thesaurus

=> E 30038+ALL/FG E1 10373 --> 30038/FG CT CARBON, 1-8 (M) (STO)

DISPLAY SBIB

AN	10139865 IFIALL
TI	Basidiomycete peroxidase gene-transferred plant and a method for decomposing and removing hazardous chemicals using the same; Transgenic
	plants for use in removing hazardous chemicals from the environment
IN	Iimura Yosuke; Katayama Yoshihiro
PA	Agency of Industrial Science & Technology JP
	Unassigned Or Assigned To Individual
	Record Has Multiple Assignees
	(1064, 68000, 92222)
PPA	Agency of Industrial Science & Technology JP (Probable)
PI	US 20020083492 A1 20020627
AI	US 2000-748264 20001227 (9)
PRAI	JP 2000-223653 20000726
FI	US 20020083492 20020627
	US 6642439 20031104
DT	Utility; Patent Application - First Publication
FS	CHEMICAL
	APPLICATION
ED	Entered STN: 28 Jun 2002
	Last Updated on STN: Jan 2011
CLMN	5

DISPLAY FPALL

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United States Patent Patent Number: 8341767 Kind Code: B2 Date of Patent: 20130101

PROTECTIVE GLOVE HAVING CONTOURED WRIST GUARD

Inventor(s): Winningham; Matthew M., Royal Oak, MI, US
Assignee: Warrior Sports, Inc., Warren, MI, US
Appl. No.: US 2012-399681
Filed: 20120217 (13)

Related U.S. Application Data

CONTINUATION OF Ser. No. US 2008-237118, 20080924, Pat. No. 8141175 CONTINUATION-IN-PART OF Ser. No. US 2008-51201, 20080319, Pat. No. 7861321 CONTINUATION-IN-PART OF Ser. No. US 2008-51230, 20080319, Pat. No. 7836521 CONTINUATION-IN-PART OF Ser. No. US 2008-51292, 20080319, Pat. No. 7841023

Priority Data

US 2007-975315P 20070926 (Provisional) US 2007-895502P 20070319 (Provisional) Int. Pat. Classif.... [08] IPC Initial A41D0019-00 [I] U.S. Cl. 002161100 Field of Search ... 002016000; 002020000; 002161100; 002161600; 002162000; 002170000 Coop. Pat. Classif.... CPC Initial A41D0019-01523 [I]; A41D0019-01588 [I]; A63B0071-143 [I] <--

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Primary Examiner - Moran, Katherine Attorney, Agent or Firm - Warner Norcross & Judd LLP

ABSTRACT

A protective sports glove including a contoured wrist cuff that substantially shields a gap defined between adjacent portions of the protective sports glove, such as hand and cuff portions. The contoured wrist cuff can include a leading edge that contours forwardly adjacent a thumb portion of the contoured wrist cuff and rearwardly across a portion of the radial side of a wearer's hand when the glove is on the wearer's hand. This can allow protection of the wearer's wrist in flexion without also impairing movement of the wearer's wrist.

12 Claim(s), 4 Drawing Sheet(s), 7 Figure(s).

DESCRIPTION OF FIGURES

FIG. 1 is a top view of a current embodiment of the glove including a contoured wrist guard;
FIG. 2 is a bottom view of the glove;
FIG. 3 is a first side view of the glove;
FIG. 4 is a top view of the contoured wrist guard, removed from the glove, in an extended configuration.
FIG. 5 is a top perspective view of the glove;
FIG. 6 is a top view illustration of movement of a wearer's hand; and
FIG. 7 is a side view illustration of movement of a wearer's hand.

EXEMPLARY CLAIM

DRAWING

1. A protective sports glove, comprising: a hand portion including a hand palmar portion and an opposing hand dorsal portion; a finger portion joined with and extending from the hand portion; a thumb portion joined with and extending from the hand portion; a cuff portion joined with the hand portion at a junction; and a contoured wrist cuff including a leading edge generally facing the finger and thumb portions, the leading edge contoured rearwardly across a dorsal side of a wearer's hand from an ulnar side of the wearer's hand to a radial side of the wearer's hand when the glove is on a wearer's hand, the leading edge contoured forwardly adjacent the thumb portion, the leading edge being contoured rearwardly across at least a portion of a radial side of a wearer's hand when the glove is on the wearer's hand; wherein the contoured wrist cuff substantially conceals the junction between the cuff portion and the hand portion without impairing at least one of radial deviation and extension of the wearer's wrist, wherein the leading edge forms a forwardmost portion adjacent the thumb, distal from the dorsal side.

NON-EXEMPLARY CLAIMS

2. The protective sports glove of claim 1 wherein the contoured wrist cuff includes a trailing edge rearwardly distal from the leading edge, the trailing edge being contoured rearwardly across the dorsal side of at least one of a wearer's hand and wrist when the glove is on a wearer's hand, the trailing edge being contoured forwardly adjacent the thumb portion, the trailing edge being contoured rearwardly across at least a portion of a radial side of a wearer's hand.

3. The protective sports glove of claim 1, wherein the contoured wrist cuff is joined to at least one of the hand portion, the thumb portion, and the cuff portion.

4. The protective sports glove of claim 1, wherein the cuff portion includes a first area and a second area, the first area of the cuff portion configured to overly the second area of the cuff portion.

5. The protective sports glove of claim 1, further including a floating subcuff portion flexibly joined with the cuff portion and extending circumferentially around at least a portion of the wearer's wrist.

6. The protective sports glove of claim 1, wherein the leading edge is contoured rearwardly in the form of a curve that opens toward the finger portions across the dorsal side.

7. The protective sports glove of claim 6, wherein the leading edge generally forms at least one of an "S" shape and a reversed "S" shape as the leading edge transitions from a first end to a second end of the contoured cuff.
8. The protective sports glove of claim 1 wherein the contoured wrist cuff includes a longitudinal axis, wherein the contoured wrist cuff defines a first distance between the leading edge and the longitudinal axis in the dorsal portion, wherein the contoured wrist cuff defines a second distance between the leading edge and the longitudinal axis adjacent the thumb portion, wherein the second distance is greater than the first distance.

9. A protective sports glove, comprising: a hand portion including a hand palmar portion and an opposing hand dorsal portion; a finger portion joined with and extending from the hand portion; a thumb portion joined with and extending from the hand portion; a cuff portion joined with the hand portion at a junction; and a contoured wrist cuff including a leading edge facing the finger and thumb portions, the contoured wrist cuff including a longitudinal axis, the leading edge generally aligned in parallel with the longitudinal axis from a first end of the contoured cuff to a second end of the contoured cuff, the contoured cuff including a trailing edge distal from and rearwardly displaced from the leading edge, the trailing edge being aligned with the longitudinal axis across the hand dorsal portion, the trailing edge extending rearwardly and away from the longitudinal axis adjacent a radial side of the wearer's hand, wherein the contoured wrist cuff is joined with at least one of the hand portion and the cuff portion.

10. The protective sports glove of claim 9 comprising a floating subcuff portion attached to at least one of the hand portion and the cuff portion, the floating subcuff located inwardly from the cuff portion.
11. The protective sports glove of claim 9 wherein the floating subcuff is flexibly joined to the at least one of the hand portion and the cuff portion with an elastic member.

12. The protective sports glove of claim 10 wherein the floating subcuff circumferentiates a user's wrist and includes opposing ends that are joined with one another.

DISPLAY IALL

ACCESSION NUMBER: TITLE: INVENTOR(S): PATENT ASSIGNEE(S) NONSTD PRIMARY EXAMINER: ASSISTANT EXAMINER: AGENT:	05887707 IFIALL Full DRINK CONTAINER HOLDIN Strickland; Mark B., T : Unassigned Ramirez, Ramon Epps, Todd M Castellano, Kristina Castellano, BLIC	<u>-text</u> G DEVICE housand Oaks, CA, US
	NUMBER PK	DATE
PATENT INFORMATION: APPLICATION INFORMATION: EXPIRATION DATE: FAMILY INFORMATION:	US 8342468 B1 US 2006-533566 20 Sep 2026 US 8342468 Utility	20130101 20060920 (11) 20130101
FILE SEGMENT:	Granted Patent - Utili MECHANICAL	ty, No Pre-Grant Publication
ENTRY DATE:	Entered STN: 3 Jan 201 Last Updated on STN: 4	3 Nov 2013

ABSTRACT:

A drink container holding device for permitting articles and a beverage to be stored on a music stand includes a frame. At least one mounting assembly is coupled to the frame. The mounting assembly engages the stand to mount the frame to a stand. A sleeve is coupled to the frame. The sleeve has a beverage aperture extending therein through an upper end of the sleeve. The beverage aperture receives a drink container to allow the sleeve to support the drink container adjacent to the stand when the frame is mounted on the stand.

NOTE:	Subject to any Disclaimer,	the term of this patent is
	extended or adjusted under	35 USC 154(b) by 423 days.
NUMBER OF CLAIMS:	12	
INDEPENDENT CLAIMS:	1,11,12	
GRAPHICS INFORMATION:	14 Drawing Sheet(s), 17 F	igure(s).

DESCRIPTION OF FIGURES: FIG. 1 is a right side view of a drink container holding device according to the present invention shown mounted to a stand. FIG. 2 is a front view of the present invention. FIG. 3 is a left side view of the present invention. FIG. 4 is a top view of the present invention. FIG. 5 is a cross-sectional view of the present invention taken along line 5-5 of FIG. 3. FIG. 6 is a front view of the present invention shown in place on X-shaped stand. FIG. 7 is a top view of an embodiment of the mounting assemblies of the present invention. FIG. 8 is a top view of an embodiment of the mounting assemblies of the present invention. FIG. 9 is a top view of an embodiment of the mounting assemblies of the present invention. FIG. 10 is a top view of an embodiment of the mounting assemblies of the present invention. FIG. 11 is a cross-sectional view of an embodiment of the present invention as shown in FIG. 5. FIG. 12 is a side view of the present invention shown in FIG. 6. FIG. 13 is a side view of the accessory bar of the present invention. FIG. 14 is a rear view of the accessory bar of the present invention. FIG. 15 depicts the drink container holding device of FIG. 1, with the sleeve removed. FIG. 16 depicts a view of the drink container holding device depicted in FIG. 2, with the sleeve removed. FIG. 17 depicts a top view of the drink container holding device depicted in FIG. 4, with the sleeve removed.

EXEMPLARY CLAIM(S):

DRAWING

1. A drink container holding system for holding a beverage container comprising: a frame; at least one mounting assembly; and a sleeve coupled to said frame, said sleeve having a beverage aperture extending therein through an upper end of said sleeve, wherein said sleeve is configured such that it is capable of receiving a drink container in said beverage aperture to allow said sleeve to support a drink container substantially adjacent to a stand when said frame is mounted to the stand; wherein at least one mounting assembly couples the sleeve to said frame, and wherein at least one mounting assembly is configured such that the mounting assembly may be engaged with a stand to mount said frame to the stand, and comprises: a plurality of clamping arms, each of said clamping arms being extendable around a portion of the stand; a securing portion being coupled to at least one of said clamping arms and selectively engaging at least one other one of said clamping arms for forcing said clamping arms against the stand to secure said clamping arms to the stand; a base portion extending toward the stand when said frame is mounted to the stand; and a neck portion coupled to at least one of said clamping arms, said neck portion being rotatably coupled to said base portion, said neck portion being rotatable from 0 to 360 degrees with respect to said base portion to adjust an angle of said clamping arms with respect to said frame to maintain said frame in a desired orientation when mounted to the stand; wherein said neck portion comprises a plurality of indexing pins outwardly extending from said neck portion, each of said indexing pins being inserted into one of a plurality of indexing slots in said base portion to permit orientation of said neck portion and said clamping arms at desired angles with respect to each other and with respect to said frame.

NON-EXEMPLARY CLAIM(S):

2. The system according to claim 1, wherein said frame comprises a stanchion portion extending substantially parallel to the stand when said frame is mounted to the stand, said at least one mounting assembly coupled to said frame being positioned on said stanchion portion of said frame.

3. The system according to claim 2, wherein said frame comprises a lateral portion being coupled to a bottom end of said stanchion portion and extending substantially orthogonally to said stanchion portion, said lateral portion extending away from the stand when said stanchion portion is mounted to the stand.

4. The system according to claim 3, wherein said frame comprises a handle loop being coupled to said stanchion portion opposite said lateral portion, said

handle loop being graspable to facilitate lifting of said frame. 5. The system according to claim 1, wherein said at least one mounting assembly configured such that it may be engaged with a stand comprises a threaded fastener slidably extending through said neck portion and threadably engaging said base portion to secure said neck portion to said base portion. 6. The system according to claim 1, further comprising at least one pocket coupled to an exterior surface of said sleeve, wherein said pocket is configured to be capable of receiving at least a portion of at least one article to be supported by said sleeve.

7. The system according to claim 1, further comprising at least one slit extending into said sleeve through an exterior surface of said sleeve, wherein said at least one slit is configured to be capable of receiving at least a portion of at least one article to be supported by said sleeve.

8. The system according to claim 1, further comprising at least one ring coupled to an exterior surface of said sleeve, and extending outwardly from said sleeve, wherein said at least one ring is configured to be capable of receiving at least a portion of at least one article to be supported by said sleeve.

9. The system according to claim 1, further comprising at least one hook outwardly extending from said sleeve, at least one hook being coupled to and extending outwardly from said frame, wherein at least one hook engages at least one article to be supported by said frame.

10. The drink container holding system of claim 1, wherein said sleeve comprises an insulating material.

11. A stand accessory holding system comprising: a frame; a sleeve coupled to said frame, said sleeve having a beverage aperture extending therein through an upper end of said sleeve, wherein said sleeve is configured such that it is capable of receiving a drink container in said beverage aperture to allow said sleeve to support a drink container substantially adjacent to a stand when said frame is mounted to the stand; and a plurality of mounting assemblies coupled to said frame and configured such that the plurality of mounting assemblies may be engaged with the stand to mount said frame to the stand, such that the plurality of mounting assemblies are capable of supporting weight of at least one of a drink container and accessory received in said sleeve; wherein said stand to which said frame may be mounted, comprises at least one pair of legs at two or more different angles, and wherein said plurality of mounting assemblies are configured for adjustable attachment to said legs at a desired height with respect to said stand, the plurality of mounting assemblies are configured such that angles of the plurality of mounting assemblies are adjustable with respect to the stand from 0-360 degrees to simultaneously mount said mounting assemblies to each leg of said stand at desired angles, to be able to maintain said drink container holding system level with respect to the ground when the drink container holding system is mounted to the legs of the stand.

12. A drink container holding system for holding a beverage container comprising: a frame; at least one mounting assembly; and a sleeve coupled to said frame, said sleeve having a beverage aperture extending therein through an upper end of said sleeve, wherein said sleeve is configured such that it is capable of receiving a drink container in said beverage aperture to allow said sleeve to support a drink container substantially adjacent to a stand when said frame is mounted to the stand; wherein at least one mounting assembly couples the sleeve to said frame, and wherein at least one mounting assembly is configured such that the mounting assembly may be engaged with a stand to mount said frame to the stand, and comprises: a plurality of clamping arms, each of said clamping arms being extendable around a portion of the stand; a securing portion being coupled to at least one of said clamping arms and selectively engaging at least one other one of said clamping arms for forcing said clamping arms against the stand to secure said clamping arms to the stand; a base portion extending toward the stand when said frame is mounted to the stand; and a neck portion coupled to at least one of said clamping arms, said neck portion being rotatably coupled to said base portion, said neck portion being rotatable from 0 to 360 degrees with respect to said base portion to adjust an angle of said clamping arms with respect to said frame to maintain said frame in a desired orientation when mounted to the stand; wherein said neck portion comprises a bearing to permit orientation of said neck portion and said clamping arms at desired angles with respect to each other and with respect to said frame.

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CIERRENT IL S DATENT CLAS	SIF .			
MAIN:	248311200			
SECONDARY:	248309100;	248313000; 2483	16100; 224148	100;
	224148400;	224282000; 2246	79000	
COOP. PATENT CLASSIF.:	INITIAL:	A47G0023-0225 [I] <	
INT. PATENT CLASSIF.:	[U8] ΤΝΤΨΤΛΤ・	A47K0001_00		
	RECLASS:	A47K0001-08 [T]		
FIELD OF SEARCH:	248309100;	248311200; 2483	13000; 248316	100;
	248315000;	248689000; 2486	90000; 248226	110;
	248227300;	248230500; 2482	31610; 248292	120;
	248229100;	248229140; 2482	29150; 248229: 30600• 248221	250; 710•
	224148100;	224148400; 2241	48700; 224282	000;

	224679000;	224926000;	403289000;	403290000;
	403398000;	403097000;	220703000;	220737000
ART UNIT:	3632			

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