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Renaud Garat
Director
Patent Business Development



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Quick search**Keywords**

Keywords:

COLLAPSIBLE KEYBOARD, TELEPHONE SCREEN

E.g.: collapsible keyboard, unfoldable keyboard

Names:

E.g.: Fleming

E.g.: Microsoft

*Names can be company name, assignee or inventor.
For inventor write names as: Last name first name
Separate multiple names by comma.*

Restriction

Date:

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General search

Keywords

- Title, Abstract, Key Conten: COLLAPS+ OR EXPAND+ OR WRAP+ OR FOLD+ E.g.:Telecom+ OR phone
- Title, Abstract, Key Conten: COMPUTER? OR LAP_TOP? OR NOTE_PAD? OR PDA OR PERSON+ DIGIT+ ASSIST+
- Title, Abstract, Key Conten: KEY_BOARD? OR KEY_PAD?
- Title, Abstract, Key Conten:

Classifications

- and IPC E.g.:G10L-015

Others

Assignee: COMPAQ OR HP OR HEWLET??? PACKAR??? Corporate Tree E.g.:Siemens Nixdorf

Inventor: E.g.:Fleming Alexander, Moyer Andrew

Publ. number: E.g.:EP0980063

Date: No Restriction

Publication country: E.g.:US, EP

Restriction

Limit to recent publication: No restriction

Show the cmd. line

((COLLAPS+ OR EXPAND+ OR WRAP+ OR FOLD+) AND (COMPUTER? OR LAP_TOP? OR NOTE_PAD? OR PDA OR PERSON+ DIGIT+ ASSIST+) AND (KEY_BOARD? OR KEY_PAD?)) AND (COMPAQ)/PA OR (HP)/PA OR (HEWLET??? W PACKAR???) /PA)

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Keywords Title, Abstract, Key Content E.g.: Telecom+ OR phone

Classifications IPC E.g.: G10L-015

Others Assignee: Corporate E.g.: Siemens Nixdorf Inventor: E.g.: Fleming, Alexander, Moyer Andrew Publ. number EP1234 OR WO99/42447 OR US 5,655,211 OR GB 12 18 623 OR GB 222222 Date: No Restriction Publication country: E.g.: US, EP Restriction Limit to recent publication: No restriction

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Publication numbers:
European Patent EP1234 could be associated with the world PCT application n° WO99/42447. While patent US 5,655,211 was inspired from British patent GB 12 18 623 as well as GB 222222...

US 5,000,000
08/123,456
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List of patent numbers

Number	Kind
EP---1234	
WO9942447	
US5655211	
GB1218623	
GB2222222	

US 5,000,000
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http://qipqa.questel.fr/#

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SPSS Inc. (2)

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Ounce Labs, Inc. (0)

Taligent Inc. (0)

DataPower Technology, Inc. (0)

Platform Solutions, Inc. (0)

XIV Ltd. (0)

Rational Software Corp. (3)

IBM Japan Ltd. (0)

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Datamirror Corp. (0)

IBM (Russia) (0)

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iPhrase Technologies, Inc. (0)

Systems Research and Development (0)

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ILOG SA (0)

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Micromuse Inc. (1)

CommQuest Technologies, Inc. (0)

PointBase, Inc. (0)

Red Brick Systems, Inc. (0)

E.g.: Telecom+ OR phone

E.g.: G10L-015

Corporate

E.g.: Siemens Nixdorf

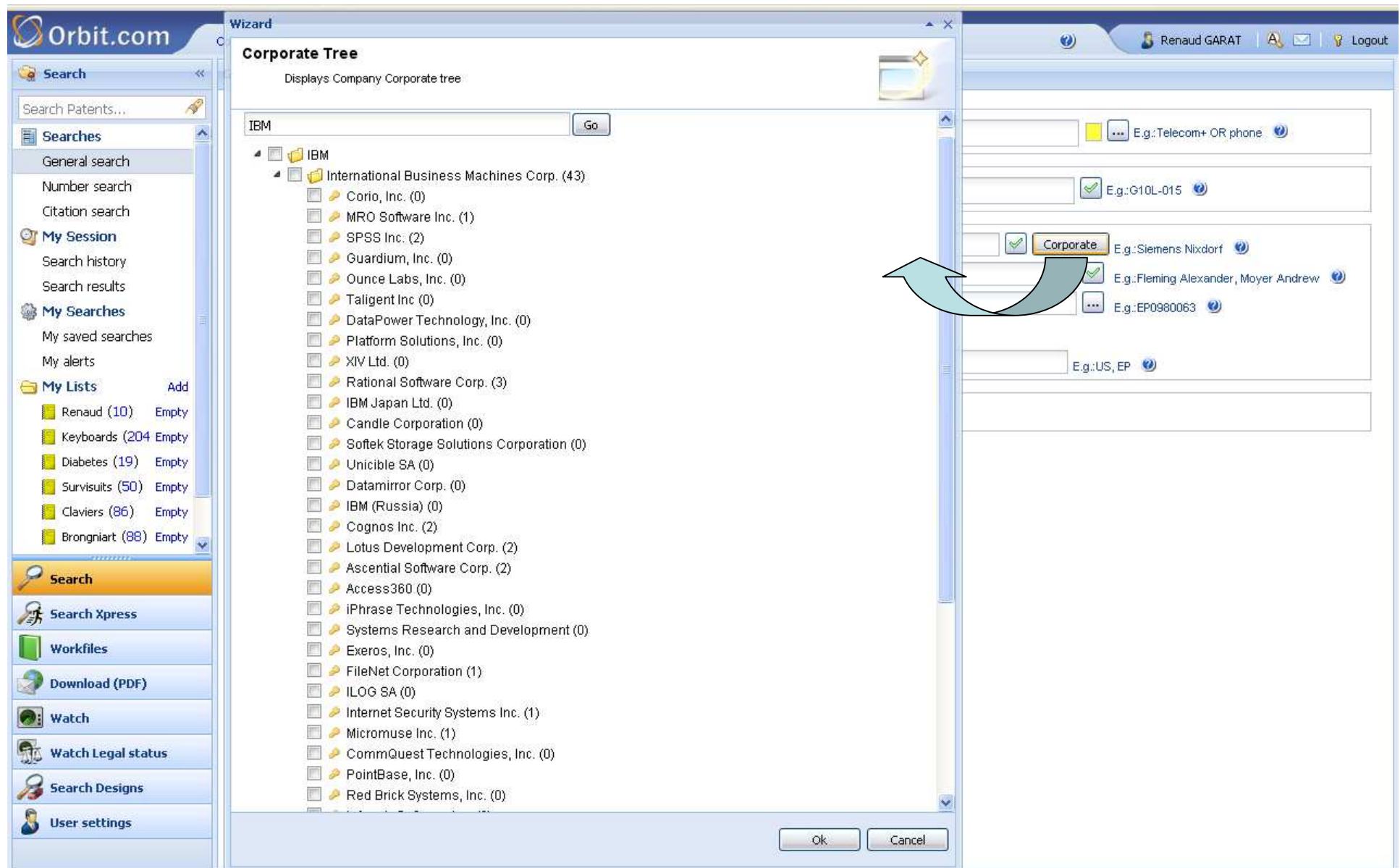
E.g.: Fleming Alexander, Moyer Andrew

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COMPREHENSIVE SEARCHING

- 93 Patent Authorities
- Major countries back to early 1900's
- Full text (AR, AT, BE, BR, CA, CH, CL, CN, DE, DK, EP, ES, FI, FR, GB, IN, JP, MX, RU, SE, US –back to 1836, WO...)
 - MAT to English, including KR-WO, CN-WO, RU-WO, JP-WO
- Complete coverage of EP (A back to '78 – B back to '80)
- Fast updating of CN, DE, FR, GB, JP, KR, TW, US patents
 - MAT abstracts & titles available

COMPREHENSIVE SEARCHING

- International, European, ICO, US & JP classifications + Locarno (Designs)
- Citations for:
 - EP, WO, US, DE, FR, GB, JP A, JP B (exclusive), BE, CH, NL, TR, AU, ES, SG, DK, LU, FI, CY, IT
 - Relevancy codes available for EP, FR, JP & WO
- US Re-assignments

COMPREHENSIVE SEARCHING

- **Merged Legal Status** : many harmonized legal actions can be searched :
 - Entry into national phase (ENP)
 - Licensing (LIC)
 - Not in force (NIF)
 - Ownership (NMC)
 - Opposition (OPP)
 - Patent in force (PIF)
 - Term rights extended (SPC)...
- **Non Patent Literature** : 
- **Soon many more sources**

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Biblio Claims Description Key Content Kwic Legal Status Citations Image Drawings First Page Complete Fulltext

Ethanol production by genetically engineered escherichia coli strains.

Abstract
(EP-431047)
A novel operon and plasmids comprising genes which code for the alcohol dehydrogenase and pyruvate decarboxylase activities of *Zymomonas mobilis* are described.
Also disclosed are methods for increasing the growth of microorganisms or eukaryotic cells and methods for reducing the accumulation of undesirable metabolic products in the growth medium of microorganisms or cells.
(From US5000000 A)

Inventor(s)
INGRAM LOHIE O
CONWAY TYRRELL
ALTERTHUM FLAVIO

Patent Assignee History

(EP-431047)
(A1) **UNIV FLORIDA** (US)

(US5000000)
ALTERTHUM, FLAVIO; FROM 19890512 TO 19890512
INGRAM, LOHIE O.; FROM 19890512 TO 19890512
UNIVERSITY OF FLORIDA, THE; FROM 19890512
CONWAY, TYRRELL; FROM 19890515 TO 19890522
UNIVERSITY OF FLORIDA; FROM 19890515 TO 19900521
BC INTERNATIONAL CORPORATION; FROM 19890515 TO 20020214
BCI LOUISIANA LLC; FROM 19890515 TO 20020214
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED; FROM 19900521
PHILIP PLAINT; FROM 20020214

(US5028539)
INGRAM, LOHIE O.; FROM 19881121 TO 19881130
UNIVERSITY OF FLORIDA; FROM 19881121 TO 19900521
CLARK, DAVID P.; FROM 19881121 TO 19901211
BC INTERNATIONAL CORPORATION; FROM 19881121 TO 20020214
BCI LOUISIANA LLC; FROM 19881121 TO 20020214
HITACHI UNISIA AUTOMOTIVE, LTD.; FROM 19881121 TO 20040927
UNIVERSITY OF FLORIDA, 207 TIGERT HALL, GAINESVILLE, FLORIDA 32611; FROM 19881130
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED; FROM 19900521
PHILIP PLAINT; FROM 20020214
HITACHI, LTD.; FROM 20040927

(WO9002193)
(A1) **UNIV FLORIDA** (US)

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General search

Keywords
Title, Abstract, Key Conten [] E.g.:Telecom+ OR phone

Classifications
IPC [] E.g.:G10L-015

Others
Assignee: [] Corporate Tree E.g.:Siemens Nixdorf
Inventor: [] E.g.:Fleming Alexander, Moyer Andrew
Publ. number [] E.g.:EP0980063
Date: No Restriction
Publication country: [] E.g.:US, EP

Restriction
Limit to recent publication: No restriction

Limit to the following legal status:

- No restriction
- No restriction
- Patent in force
- Opposition
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- Entry into national phase
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COMPREHENSIVE SEARCHING

- Industrial Designs :

BX – CA - CH – CN – DE – ES – EU – FR – GB – JP – KR
RU – US - WO

- Locarno classification

- Each registration is split into as many designs as it contains : optimized recall


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32 results for (SNOWBOARD BOOT)/TI

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☐ Registration Number Publication Date



D1254305 2005-10-24




D1222917 2004-11-15



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Design D1277387 / 1 - Google Chrome

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32

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18378 results for (shoes)/TI

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Registration Number Publication Date

D072552-012

D072552-011

D072552-010

D072552-009

D072552-008

Clothing; 8.-13. **Shoes**; 14.-15. Shoe soles; 16. Toe cap for **shoes** - Vêtements; 8.-13. Chaussures; 14.-15. Semelles de chaussures; 16. Bout de tige pour chaussures

Registration Number D072552-012

Register WO

Reg. Owner MASCOT INTERNATIONAL A/S, Julsovej 100, DK-8600 Silkeborg, DK-8600 Silkeborg (DK)

Application Date 2009-11-04

Publication Date 2009-11-30

Locarno 02-02, 02-04

Offices Group CH

Page 2 of 736 Record 26 of 18378

Displaying records 26 - 50 of 18378

COMPREHENSIVE SEARCHING

- **US Litigation** :
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Search		Case ID	Case Number	Plaintiff	Defendant	Date Filed	Last Updated
Search results		16401	1:10-cv-00157	Artificial Reefs, Inc.	Volkert, Inc.	2010-04-01 00:00:00	2010-04-02 00:00:00
		16408	6:10-cv-00488	American Technology, Inc.	Altima Computers, Inc.	2010-04-01 00:00:00	2010-04-02 00:00:00
		16409	9:10-cv-80454	D.M.D. Jack T. Krauser	Biohorizons, Inc.	2010-04-01 00:00:00	2010-04-02 00:00:00
		16413	1:10-cv-02026	Suncast Corporation	The Pug Company, LLC	2010-04-01 00:00:00	2010-04-02 00:00:00
		16417	1:10-cv-00231	Freescale Semiconductor, Inc.	Panasonic Corporation	2010-04-01 00:00:00	2010-04-02 00:00:00
		16418	2:10-at-00396	Road Science, LLC	Telfer Oil Company d/b/a Windsor Fuel Company	2010-04-01 00:00:00	2010-04-02 00:00:00
		16419	2:10-cv-00117	WI-Lan, Inc.	Calix, Inc.	2010-04-01 00:00:00	2010-04-02 00:00:00
		16421	2:10-cv-00562	Microsoft Corporation	Datel Design and Development Ltd.	2010-04-01 00:00:00	2010-04-02 00:00:00
		16422	1:10-cv-00532	Novartis Pharmaceuticals Corporation	Macleods Pharmaceuticals Limited	2010-04-01 00:00:00	2010-04-05 00:00:00
		16423	3:10-cv-00127	Lastar, Inc.	Liberty Wire & Cable, Inc.	2010-04-02 00:00:00	2010-04-05 00:00:00
		16424	2:10-cv-00121	Promote Innovation LLC	Ranbaxy Laboratories, Inc.	2010-04-04 00:00:00	2010-04-05 00:00:00
		16425	2:10-cv-00119	Promote Innovation LLC	Eisai, Inc.	2010-04-04 00:00:00	2010-04-05 00:00:00
		16426	2:10-cv-00122	Promote Innovation LLC	Takeda Pharmaceuticals America, Inc.	2010-04-04 00:00:00	2010-04-05 00:00:00
		16427	2:10-cv-00120	Promote Innovation LLC	Bristol-Myers Squibb Company	2010-04-04 00:00:00	2010-04-05 00:00:00
		16428	2:10-cv-00281	Ruud Lighting, Inc.	Osram Sylvania, Inc.	2010-04-02 00:00:00	2010-04-05 00:00:00
		16429	2:10-cv-00280	Ruud Lighting, Inc.	Cooper Lighting LLC	2010-04-02 00:00:00	2010-04-05 00:00:00
		16430	2:10-cv-00060	Y-Tex Corporation	Z Tags North America LP	2010-04-02 00:00:00	2010-04-05 00:00:00
		16435	1:10-cv-00264	Bristol-Myers Squibb Company	Teva Pharmaceuticals USA, Inc.	2010-04-01 00:00:00	2010-04-06 00:00:00
		16436	1:10-cv-00266	DEB Worldwide Healthcare, Inc.	3M Innovative Properties Company	2010-04-02 00:00:00	2010-04-06 00:00:00
		16437	4:10-cv-40062	Webstone Co., Inc.	Cimberio Valve Co., Inc.	2010-04-05 00:00:00	2010-04-06 00:00:00
		16438	8:10-cv-00833	IA Labs CA, LLC	Nintendo Co., Ltd.	2010-04-02 00:00:00	2010-04-06 00:00:00
		16439	1:10-cv-00327	Elpida Memory, Inc.	Infineon Technologies AG	2010-04-02 00:00:00	2010-04-06 00:00:00
		16440	2:10-cv-02453	Inhale, Inc.	China Hookah Manufacturing Co. LTD	2010-04-05 00:00:00	2010-04-06 00:00:00
		16441	2:10-cv-02427	Greg Gorman	Moosylvania Marketing L.C.	2010-04-02 00:00:00	2010-04-06 00:00:00
		16442	2:10-cv-00000	Custom Leathercraft Mfg.	Custom Leathercraft Mfg.	2010-04-01 00:00:00	2010-04-06 00:00:00

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Search results

Ennova Direct, Inc. vs. LG Electronics U.S.A., Inc.

 [Link to PACER](#)

Case Number	Plaintiff	Defendant			
3:10-cv-01518	Ennova Direct, Inc.	LG Electronics U.S.A., Inc.			
Date Filed	Other Plaintiffs	Other Defendants			
09 Apr 2010	-	Thomson, Inc. Nspire Systems, Inc. Flash Ventures, Inc. Sony Electronics, Inc. Kingston Technology Corporation PNY Technologies, Inc. Transcend Information, Inc. Philips Electronics North America Corporation Verbatim Americas LLC A-DATA Technology (U.S.A.) Co., Ltd.			
Court Name	Counter Claimants	Counter Defendants			
California Northern District Court	Philips Electronics North America Corporation Transcend Information, Inc. Verbatim Americas LLC	Ennova Direct, Inc.			
Judge Name	Attorney	Attorney			
Joseph C. Spero	C. Dale Quisenberry	Jennifer Parker Ainsworth			
Related Cases	Law Firm	Law Firm			
2:08-cv-00022	Polasek, Quisenberry & Errington, LLP	Wilson Robertson & Cornelius PC			
Product Name	Patent Number	Inventor Name	Issue Date	Exp. Date	IPC Code
Thumb drives	US6979210	Regen; Paul Garrett; Peter Hale; Everett	27 Dec 2005	24 Jul 2024	H01R 13/629 H01R 13/66 H01R 13/717
Document Type	Related Information	Uploaded On			
CIVIL DOCKET	 Case transferred in from District of Texas Eastern; Case Number 2:08-cv-00022. Original file certified copy of 12 Apr 2010 transfer order and docket sheet received. (Entered: 04/10/2010)	12 Apr 2010			
COMPLAINT	 Complaint for patent infringement.	12 Apr 2010			

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EFFICIENT SEARCHING

Key content :

- ✓ Object of Invention
- ✓ Advantages & prior art drawbacks
- ✓ Independent claims
- Extracted from full text
- Updated very fast
- Using linguistic technology
- More focused and precise searching

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Biblio Claims **Key Content** Fulltext Kwic Legal Status Image Drawings First Page Complete

Object of Invention

(EP2109294)

A handheld electronic communication device (300) that is transitionable between compact (120) and **expanded** configurations (122) is disclosed. [0001] The present disclosure pertains generally to a handheld electronic device that has communication capabilities.

In particular, the present disclosure relates to a handheld electronic communication device that is capable of transitioning between compact and **expanded** configurations.

Advantages / Prev. Drawbacks

(EP2109294)

In this regard, the associated letters can be advantageously organized in QWERTY, QWERTZ, AZERTY or Dvorak layouts, among others, thereby capitalizing on certain users' familiarity with these special letter orders.

[0049] It is desirable for handheld electronic communication devices 300 to include a combined text-entry **keyboard** and a telephony **keyboard**. This other at least one possible embodiment is particularly useful when the device is used as a multimedia player and it is undesirable to expose the entire **keyboard** panel (103). (see diagramm)

Examples of communication devices include both handheld communication devices as well as larger devices such as **laptop computers**, desktop **computers** and the like. Some users will prefer the solution of the larger keys over the smaller ones, but it is necessary that program or hardware solutions be provided in order to discriminate which of the several associated letters the user intends based on a particular key actuation, a problem the full **keyboard** avoids.

Independent Claims

(EP2109294)

1. A handheld electronic communication device (300) transitionable between at least a compact configuration (120) and an **expanded** configuration (122), said device (300) comprising:

a display panel (102) defining a first central plane (130) and interconnected to a **keyboard** panel (103) defining a second central plane (132), wherein said display panel (102) is overlaid on, and in substantial registration with, said **keyboard** panel (103) in a compact configuration (120) and said display panel (102) is offset above said **keyboard** panel (102) in an **expanded** configuration (122); and said display panel (102) coupled to said **keyboard** panel (103) by at least one interconnection (140) configured to maintain said first central plane (130) and second central plane (132) in substantial parallel orientation to each other in the compact configuration (120) and **expanded** configurations (122) and during transition between the compact configuration (120) and the **expanded** configuration (122) in which the first central plane (130) and second central plane (132) undergo both x-direction (108) and z-direction (109) motion relative one another.

FIG. 3

Record 1 of 1

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Key content:

- More precise searching
- Efficient scanning

EFFICIENT SEARCHING

Invention-based patent family searching:

- ✓ Patents grouped by invention-related families
- ✓ All family information searched as one:
 - all abstracts as one
 - all titles as one
 - all key content as one
 - all classification codes can be combined
- No duplicate records
- More precise searching (more precise than INPADOC)
- More comprehensive searching

EFFICIENT SEARCHING

Illustration :

SS	Results	
1	7687	CELL PHONE
2	96542	KEYBOARD
3	436	(1 AND 2)
4	402	1 SDOC 2
5	34	3 NOT 4

34 records were retrieved because CELL PHONE and KEYBOARD keywords were found in separate family members (new SDOC – « Same DOCument » operator)

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Electronic apparatus

Abstract

(JP05250091)
 PURPOSE: To prevent the occurrence of an obstacle in the operation of a **keyboard** and the increase of the area of an input device even though a track ball is stored, and to facilit(...)
 CONSTITUTION: A **keyboard** plate 3 is made capable of being **slid** backward on the main body 1 of the input device of a personal **computer**, etc., and the track ball 6 is installed on the upper surface of the main body 1 to be exposed when the **keyboard** plate is **slid** backward.

(JP05250070)
 (...)when erroneous operations are generated by touching the track ball on a **keyboard** with a hand, and to reduce a flat area when **folding** a display and making it into a portable box shape.
 (...)rack ball unit 5 is provided at a main body case 1 on the downside of a **keyboard** 2 and at this recessed part, the track ball unit 5 is fitted so as to be housed there and to be pulled out to the front side of the **keyboard** 2.

(JP05250069)
 (...)s when the track ball is not used, and to facilitate the operation of a **keyboard** or the like by saving the track ball from a plane where an input means such as the **keyboard** is provided.
 (...)ted to a housing hole 2a provided higher than the installing plane of a **keyboard** 1 for one step. A lock lever 5 is protruded and provided at an operating hole 2b of a main body ca(...) ball unit 7 is pushed down, it does not stand out in the vision to the **keyboard** 1, and the **keyboard** 1 can be easily operated. Further, malfunction can be prevented when the track ball 6 is touched b

JP05250069

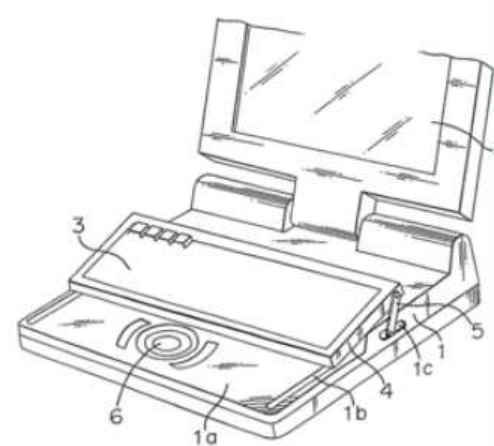
Assignee FUNAI ELECTRIC CO

Published As

	Publ. number	Pub. date	Appl. number	Appl. date	Publ. Stage	Links
GB	GB9304296	19930421	1993GB-0004296	19930303	D0 - Patent applicati	
DE	DE4307223	19930916	1993DE-4307223	19930308	A1 - Doc. laid open (
JP	JP5250091	19930928	1992JP-0086004	19920309	A - Doc. laid open to	
JP	JP5250070	19930928	1992JP-0086003	19920309	A - Doc. laid open to	
JP	JP5250069	19930928	1992JP-0086002	19920309	A - Doc. laid open to	
GB	GB2266360	19931027			A - Published patent	
GB	GB2266360	19950614			B - Patent specificati	
JP	JP3095037	20001003			B2 - Grant. Pat. With	

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Keywords: Title, Abstract, Key Content COLLAPSIBLE E.g.: Telecom+ OR phone

Classifications: Title, Abstract, Key Content English

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You are searching for: COLLAPSIBLE
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 - ☒ klappbar
 - ☐ English
 - ☐ collapsable
 - ☒ demountable
 - ☒ foldable
 - ☒ folding
 - ☒ sectional
 - ☐ French
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(collapsible OR faltbar?? OR klappbar?? OR demountable OR foldable OR folding OR sectional OR demontable? OR depliable? OR pliable? OR pliant? OR rabattable? OR repliable? OR sectionnel?)

Classifications

and IPC

E.g.: G10L-015

Others

Assignee:

Inventor:

Publ. number

Date:

Publication country:

No Restriction

E.g.: Siemens Nixdorf

E.g.: Fleming Alexander, Moyer Andrew

E.g.: EP0980063

E.g.: US, EP

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Assignee

REINHORN SILVIU

Patent Assignee (Original) REINHORN, Silviu; / Tavor Street #7, 90865 Mevaseret-Zion (IL)

	Pub. date	Appl. number	Appl. date	Publ. S Links
640	20060629	2005WO-IB04145	20051221	A2 - In
784	20061019	2005US-0166965	20050627	A1 - Fi
578	20061019	2005US-0166964	20050627	A1 - Fi
640	20090409			A3 - Lt

Intl. classification

G03B-021/14

G09G-003/00

G09G-005/00

H04M-001/00

H05K-007/00

ICO Classification

T04M-001/02A2B4

IPC Advanced All

H04M-001/00 [2006-01 A F I B H US]

IPC Core All

H04M-001/00 [2006 C F I B H US]

ECLA Classification (EPO)

G09G-003/00

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4	25	My list: snowboard	results Modify Save Alert Delete
3	1191	((SNOWBOARD+) AND (BOOT???))	results Modify Save Alert Delete
2	1	(EP2109294)/PN/XPN	results Modify Save Alert Delete
1	88	((COLLAPSIBLE) AND (COMPUTER) AND (KEYBOARD))	results Modify Save Alert Delete

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(7 NOT 6) AND BINDING+

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General search

Keywords

Title, Abstract, Key Conten: COLLAPS+ OR EXPAND+ E.g.: Telecom+ OR phone

Title, Abstract, Key Conten: COMPUTER? OR LAPTOP? OR PDA

Title, Abstract, Key Conten: KEYBOARD? OR KEYPAD?

Title, Abstract, Key Conten:

Classifications

and IPC

Others

Assignee: E.g.: Siemens Nixdorf

Inventor: E.g.: Fleming Alexander, Moyer Andrew

Publ. number: E.g.: EP0980063

Date: No Restriction

Publication country: E.g.: US, EP

Restriction

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977 results for ((COLLAPS+ OR EXPAND+) AND (COMPUTER? OR PDA OR LAPTOP?) AND (KEYBOARD? OR KEYPAD?))

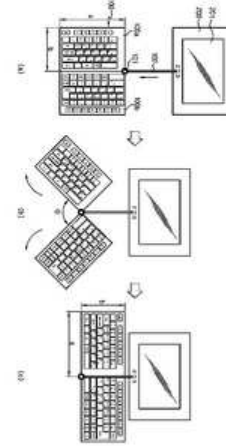
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#	Title	Assignee	Publ. number	Pr. Date
	[machine translation]			
10.	The integrated computer desk [machine translation]	LIUXIAN	CN201365669	2009-02-27
11.	Information processing unit	PANASONIC CORPORATION	US2009315867	2008-06-19
12.	Device for communicating orders for transportation, vehicle-base communication device, communication system and method	SIEMENS AKTIENGESELLSCHAFT	US2009287527	2007-10-19
13.	One kind of belt expanded and contracted the keyboard place the vehicle to carry computer [machine translation]	YANG ZUO	CN101571736	2009-06-05
14.	Methods and apparatus for graphical object implementation	ADOBE SYSTEMS INC	US2009288009	2005-12-22
15.	Coal-mining earth-leakage protection device with high-voltage selectivity	JIYUAN CITY KELING ELECTRIC AP	CN201336552	2009-01-05
16.	Field operations synthesize information handling terminal	SHANDONG EXCEED NUMERICAL CONT	CN201331758	2009-01-20
17.	Novel remote controller	KANGKA GROUP CO LTD	CN201332554	2008-11-26
18.	12-key qwerty text entry method	YOSHIMOTO ITSURO	WO2009123625	2008-04-01
19.	Methods for ensuring fair access to information	GRAVIC, INC.	US2009265352	2008-04-18
20.	Method for implementing strengthening keyboard control based on 51 kernel	SHANDONG CHAOYUE CNC ELECTRONI	CN101556507	2009-02-01
21.	Numeric based addressing for enhanced telephony and multimedia services	WORLDRELAY INC; WORLDRELAY, INC.	US2009258634	2008-04-14
22.	Handheld electronic communication device transitionable between compact and expanded configurations	RES IN MOTION LTD	EP2109294	2008-04-07
23.	Handheld electronic communication device transitionable between compact and expanded configurations	RESEARCH IN MOTION LIMITED	US2009251854	2008-04-07
24.	Keyboard with keys for moving cursor	CROWLEY ROBERT J; HALGREN DONAL	US2005083215	1993-07-29
25.	Swing type foldable keyboard for portable computer	RYU SANG KYU	KR20090077644	2008-06-02

Page 1 of 40 Record 25 of 977

Preview Mosaics Key Content Kwic Legal Status

Swing type foldable keyboard for portable computer



Abstract
(KR20090077644)
A swing-type foldable keyboard of a portable computer is provided to expand the whole size by unfolding keyboard pieces without the change in the keyboard thickness.
A keyboard body(100) consists of two pieces which are mutually hinge-coupled by a hinge unit so as to be unfolded right and left in the parallel direction to a keyboard surface.
So that the vertical and horizontal directions of the keyboard pieces can be mutually reversed when the unfolding is performed, the hinge-coupling is performed.
A connection member(102) selectively separates/couples the keyboard body from/with the body of a portable computer.
One end of the connection member is fixed to the hinge unit.

Inventor(s) RYU SANG KYU
Assignee RYU SANG KYU
Patent Assignee (Original) RYU, SANG KYU (KR)

Published As

Publ. number	Pub. date	Publ. Stage	Links
KR20090077644	20090715	A - Official gazette of the unexamined patents	

Intl. classification
G06F-001/16
G06F-003/00

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88 results for ((COLLAPSIBLE) AND (COMPUTER) AND (KEYBOARD))

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#	Title	Assignee	Publ. number	Pr. Date
1	Clearview computer work...			
2	Lectern			
3	Collapsible computer wor...			
4	Computer system with co...			
5	Foldable display, input dev...			
6	Laptop computer support ...			

U.S. Patent Sep. 12, 2006 Sheet 1 of 5 US 7,106,014 B1

FIG. 1

FIG. 2

FIG. 3

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88 results for ((COLLAPSIBLE) AND (COMPUTER) AND (KEYBOARD))

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#	Title	Assignee	Publ. number	Pr. Date
1.	Split type laptop type collapsible soft keyboard	XU CHEN	CN101135932	2007-08-14
2.	Portable computer stand	LEUNG CHILY C	US2008142662	2006-12-16
3.	Ventilation support for laptop computers	SAAD DAVID J	US2006243878	2005-04-27
4.	Collapsible portable display	REINHORN SILVIU	US2006234784	2004-12-21
5.	Adjustable portable computer	INTEL CORP	US2006067039	2004-09-30
6.	Multifunctional portable computing device with special housing	BULLISTER EDWARD	US2008273012	2004-02-23
7.	Modularized electronic device coupling architecture and method		US2005157456	2004-01-20
8.	An auxiliary device of learning computer keyboard typing	HO HONG-FA	TW200521805	2003-12-19
9.	Tabulate computer	DING FANGQI	CN1480860	2003-07-18
10.	Clearview computer workstation		US2004211343	2003-04-23
11.	Lectern	KRUEGER INT INC	US7106014	2003-04-07
12.	Collapsible computer workstation	UNIV SOUTH FLORIDA	US6913332	2003-01-09
13.	Computer system with collapsible keyboard and alternate display functions and processing method thereof	MITAC TECHNOLOGY CORP; MITAC TECH	US2004093449	2002-11-12
14.	Foldable display, input device provided with the display and foldable keyboard, and personal computer provided with the input device	BROTHER IND LTD	US2004052044	2002-09-17
15.	Laptop computer support board with lamp		US6672557	2002-09-09
16.	Illuminated portable shield for portable computers		US2003231399	2002-06-18
17.	Computer desk		US6663203	2002-05-31
18.	Compact keyboard with sliding motion key actuation		US2004013457	2002-04-15
19.	Wireless keyboard for hand-held computers	POCKETOP COMP CORP	US2006165463	2002-01-04
20.	Mechanism for unfolding and folding of folding keyboards of portable computers and similar devices	KORSAKOV GRIGORI	WO2004006077	2001-12-11
21.	Sensing of pancreatic electrical activity	IMPULSE DYNAMICS NV; METACURE N	US2007060812	2001-11-29
22.	Portable document holder		US2003001064	2001-06-28

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1.	Split type laptop type collapsible soft keyboard	XU CHEN	CN101135932	2007-08-14
2.	Portable computer stand	LEUNG CHILY C	US2008142662	2006-12-16
3.	Ventilation support for laptop computers	SAAD DAVID J	US2006243878	2005-04-27
4.	Collapsible portable display	REINHORN SILVIU	US2006234784	2004-12-21
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6.	Multifunctional portable computing device with special housing	BULLISTER EDWARD	US2008273012	2004-02-23
7.	Modularized electronic device coupling architecture and method		US2005157456	2004-01-20
8.	An auxiliary device of learning computer keyboard typing	HO HONG-FA	TW200521805	2003-12-19
9.	Tabulate computer	DING FANGQI	CN1480860	2003-07-18
10.	Clearview computer workstation		US2004211343	2003-04-23
11.	Lectern	KRUEGER INT INC	US7106014	2003-04-07
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15.	Laptop computer support board with lamp		US6672557	2002-09-09
16.	Illuminated portable shield for portable computers			
17.	Computer desk			
18.	Compact keyboard with sliding motion key actuation			
19.	Wireless keyboard for hand-held computers	POCKETOP COMP CORP		
20.	Mechanism for unfolding and folding of folding keyboards of portable computers and similar devices	KORSAKOV GRIGORI		
21.	Sensing of pancreatic electrical activity	IMPULSE DYNAMICS NV; ME		
22.	Portable document holder			

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Preview Drawings

Abstract
(US20040093449)
A computer system with collapsible keyboard and alternate display functions. The computer system includes a main body which stores at least one application. A monitor and collapsible keyboard are coupled to the main body, the keyboard disposable in an open operating position and a folded position. A signal generating device is coupled to both the collapsible keyboard and the main body to generate a first signal when the keyboard is folded. A keyboard controller is integrated into the main body to receive the first signal. An interrupt request controller in the main body is coupled to the keyboard controller to send a first interrupt request when in the folded position.

Inventor(s) CHEN CHIH HSIANG
Assignee MITAC TECHNOLOGY CORP
MITAC TECHNOLOGY CORPORATION

	Publ. number	Pub. date	Publ. Stage	Links
	US2004093449	20040513	A1 - First published patent application	
	TW200407784	20040516	A - Publication of an application	
	DE10331550	20040527	A1 - Doc. laid open (First publication)	
	JP2004164544	20040610	A - Doc. laid open to publ. inspec.	
	US7054973	20060530	B2 - Granted patent as second publication	

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- Ipiconfex (11)
- Digipat (0)
- Lingway (0)
- Patentpeople (0)

Collapsible portable display

Abstract
(US20060234784)
A **collapsible** portable video display is provided, which incorporates a mini-projector, a folding mirror, and a rear projection foldable screen.
In one type of implementation the display is incorporated into a mobile consumer appliance, such as a cellphone, mobile DVD player, etc.
In other type of implementation the display device is a stand-alone device having inputs for video and audio signals.

Inventor(s) REINHORN SILVIU
Assignee REINHORN SILVIU
Patent Assignee (Original) REINHORN, Silviu; / Tavor Street #7, 90865 Mevaseret-Zion (IL)

Published As

	Publ. number	Pub. date	Appl. number	Appl. date	Publ. S Links
PCT	WO2006067640	20060629	2005WO-IB04145	20051221	A2 - In
US	US2006234784	20061019	2005US-0166965	20050627	A1 - Fi
US	US2006232578	20061019	2005US-0166964	20050627	A1 - Fi
PCT	WO2006067640	20090409			A3 - Lt

Priority Details
2004US-P637468 20041221
2005US-0166964 20050627
2005US-0166965 20050627

US Class Code
ORIGINAL (O) : 455575100; CROSS-REFERENCE (X) : 348E05143

Intl. classification
G03B-021/14
G09G-003/00
G09G-005/00
H04M-001/00
H05K-007/00

ICO Classification
T04M-001/02A2B4

IPC Advanced All
H04M-001/00 [2006-01 A F I B H US]

IPC Core All
H04M-001/00 [2006 C F I B H US]

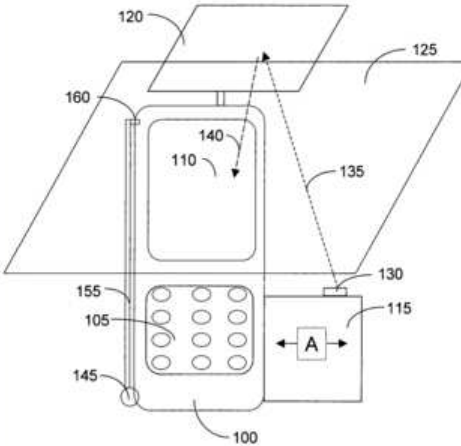
ECLA Classification (EP0)
G09G-003/00

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Portable computer with peripheral units for extended functionality.

Abstract
(EP 459427)

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Status
The application is deemed to be withdrawn
Database last updated on 09.03.2010

Most recent event
19.06.1998 Application deemed to be withdrawn published on 05.08.1998 [1998/32]

Applicant(s)
For all designated states
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22-22 Nagaïke-cho, Abeno-ku Osaka-shi,
Osaka-fu 545-0013 / JP
[N/P]

Inventor(s)
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Yamato-Koriyama-shi, Nara-ken / JP
02 / Tatsumi, Hidenori
303 Haitsu-Hiranuma, 1-5-21, Shijo-Oji
Nara-shi, Nara-ken / JP
03 / Suzuki, Kouzi
Mikasa-Ryo, 492, Minosho-cho
Yamato-Koriyama-shi, Nara-ken / JP
[1991/49]

Representative(s)
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Müller Hoffmann & Partner Patentanwälte Innere Wiener Strasse 17
81667 München / DE
[1997/12]

G06F1/00 312K;

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unit (100) and a base
key board when the
or (6). <IMAGE>

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Reference:

Document Type	Document	Advanced Options
<input checked="" type="radio"/> Patent/Published Application <input type="radio"/> File History (Wrappers) <input type="radio"/> Trademark File History <input type="radio"/> Applications as Filed <input type="radio"/> Assignment Searches <input type="radio"/> Maintenance Fee Search <input type="radio"/> Trademark Registration <input type="radio"/> English Abstract <input type="radio"/> Research & Other Services	<p>Please enter each document number on a separate line.</p> <p>Example: US5154990 US20040014505 RE35290 (US reissue) D450132 (US design) EP637934 WO0112345</p>	<input type="checkbox"/> Certified <input type="checkbox"/> Searchable PDF <input type="checkbox"/> With US References <input type="checkbox"/> With Foreign References <input type="checkbox"/> With Cited Publications <input type="checkbox"/> With Parent Files <input type="checkbox"/> With Child Files <input type="checkbox"/> Rush Order <input type="checkbox"/> With Bookmarks

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Access Detail

Biblio Claims Description Key Content Fulltext Kwic Legal Status Citations

1 / 1 - Patent Family

US2006229117
PCT WO2006106394
TW200644579
PCT WO2006106394
EP1867144
CN101142802
US7400908

Find similar patents
Find Inpadoc family
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Date	Code	Action
Alive: US2006229117 A1		
20050419	US/AS-A [NMC]	ASSIGNMENT OWNER: NOKIA CORPORATION, FINLAND; EFFECTIVE DATE: 20050404 ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: LEHTONEN, JARMO; REEL/FRAME: 016102/0193
20081021	US/CC-A [COR]	CERTIFICATE OF CORRECTION
20050407	US-API [POS; EXM]	FILING DETAILS US10083205 20050407 [2005US-0100832]
20061012	US-A1 [POS; EXM]	First published patent application US2006229117 A1 20061012 [US20060229117]
Alive: WO2006106394 A2, WO2006106394 A3		
20061122	WO/121 [ENP]	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
20070815	WO/WWE [POS; ENP]	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding Appl: EP 2006744462 [2006EP-0744462]
20070917	WO/WWE [POS; ENP]	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding Appl: CN 200680008513.0 [2006CN-80008513]
20071009	WO/NENP [RLW]	NON-ENTRY INTO THE NATIONAL PHASE IN: Corresponding cc: DE
20071009	WO/WWW [NEG; RLW]	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE Corresponding cc: DE
20071107	WO/NENP [RLW]	NON-ENTRY INTO THE NATIONAL PHASE IN: Corresponding cc: RU
20071107	WO/WWW [NEG; RLW]	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE Corresponding cc: RU
20071219	WO/WWP [POS; ADM]	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE Corresponding Appl: EP 2006744462 [2006EP-0744462]
20060328	WO-API [POS; EXM]	FILING DETAILS WOIB2006000704 20060328 [2006WO-IB00704]
20061012	WO-A2 [POS; EXM]	International publication without international search report WO2006106394 A2 20061012 [WO2006106394]
20070125	WO-A3 [POS; EXM]	International search report WO2006106394 A3 20070125 [WO2006106394]
Alive: EP1867144 A2		
20071219	EP/AK-A [POS; ADM]	DESIGNATED CONTRACTING STATES: BENANNTE VERTRAGSSTAATEN

Record 1 of 1

Displaying records 1 - 1 of 1

Efficient scanning - legal status:

- ✓ Red background = negative actions
- ✓ Green background = positive actions

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Biblio Claims Description Key Content Fulltext Kwic Legal Status Citations

2 / 287943 - Patent Family

DE19802351
DE19861094
EP1059094
JP2001029458
US6200276
JP4092048

Find similar patents
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Graph Inpadoc family

Date	Code	Action
20080409	EP1176-A [POS; EXM]	ERSTER PRUEFUNGSBESCHEID EFFECTIVE DATE: 20071019
20080521	EP/REG-A; DE/8566 [N]	REFERENCE TO A NATIONAL CODE DE: DESIGNATED COUNTRY DE NOT LONGER VALID DE: VERTRAGSSTAAT DE NICHT MEHR BENANNT Corresponding cc: DE
19990610	EP-API [POS; EXM]	FILING DETAILS EP99111325 19990610 [1999EP-0111325]
20001213	EP-A1 [POS; EXM]	Application published with search report EP1059094 A1 20001213 [EP1059094]

JP2001029458 A

Patolis

Viability Information of Application: right is in force

Examination Stage Information
Classification of Examiners Decision/Date: (decision of registration(allowance)) 2008/ 2/12 Final
Examination Transaction/Date: registration 2008/ 3/ 7
Kind of Examination: 02
Examination Intermediate Record:
19990708 A63 PATENT APPLICATION UTILITY MODEL REGISTRATION APPLICATION
19991004 A523 WRITTEN AMENDMENT
19991112 A967 RECOGNITION - ADDITION INFORMATION
19991117 A972001 CORRECTION BY EX OFFICIO IN DEFICIENCY IN ABSTRACT
20060428 A621 WRITTEN REQUEST FOR EXAMINATION
20070529 A131 WRITTEN NOTICE OF REASON FOR REJECTION
20070727 A53 WRITTEN OPINION
20070727 A523 WRITTEN AMENDMENT
20070904 A02 DECISION OF REJECTION
20070906 A7433 NOTIFICATION OF APPOINTMENT OF POWER OF SUB ATTORNEY
20070910 A821 WRITTEN SUPPLEMENT OF PROCEDURE
20071130 A523 WRITTEN AMENDMENT
20071214 A967 RECOGNITION - ADDITION INFORMATION
20071214 A967 RECOGNITION - ADDITION INFORMATION
20080109 A51 WRITTEN AMENDMENT (FORMALITY)
20080116 A911 TRANSFER TO RECONSIDERATION BY EXAMINER BEFORE APPEAL
20080212 A01 DECISION TO GRANT A PATENT/DECISION OF REGISTRATION
20080303 A61 PAYMENT OF ANNUAL FEE

Trial Stage Information
Kind of Trial: appeal against decision of rejection
*** Demandant: DE FRESSENIUS AG
Final Disposition of Trial or Appeal/Date: decision of registration by reconsideration of the exam. 2008/ 2/1
20071130 T523 AMENDMENT (VOLUNTARY, CONTENTS); : A
20071130 T60 DEMAND FOR TRIAL (INCLUDING OTHER DEMANDS AND REQUESTS); 6 6000: B
20080109 T51 AMENDMENT (FORMALITY); : C

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Access Detail

32 / 166 - Patent Family

- US2004093449
- TW200407784
- DE10331550
- JP2004164544
- US7054973

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Computer system with **collapsible keyboard** and alternate display functions and processing method thereof

Abstract
(US20040093449)
A **computer** system with **collapsible keyboard** and alternate display functions. The **computer** system includes a main body which stores at least one application. A monitor and **collapsible keyboard** are coupled to the main body, the **keyboard** disposable in an open operating position and a folded position. A signal generating device is coupled to both the **collapsible keyboard** and the main body to generate a first signal when the **keyboard** is folded. A **keyboard** controller is integrated into the main body to receive the first signal. An interrupt request controller in the main body is coupled to the **keyboard** controller to send a first interrupt request when in the folded position.

(JP2004164544)
PROBLEM TO BE SOLVED: To provide a **computer** system capable of sufficiently bringing out functions of multimedia and the like even in the state where a **keyboard** is folded while keeping the space saving.
SOLUTION: The **computer** system comprises a display screen 110, a **keyboard** 100 which covers a part of the display screen in the folded state, a signal generation device 46 which generates a first signal in the state where the **keyboard** is folded, a **keyboard** controller 48 which determines, based on the first signal, whether the **keyboard** is in the folded state, and an interruption controller 50 which transmits an interruption request signal when the **keyboard** is determined to be in the folded state. A host **computer** 120, in response to the interruption request signal, suspends a system routine being executed and

(TW200407784)
A kind of **computer** system having the function of **keyboard** on/off notification is revealed in the present invention. The invention includes the followings: o(...)the application program; one monitor connected to the host machine; one **keyboard**, which is foldable and is connected to the host machine such that it can be at least set to one op(...) generation apparatus, which is adapted to the coupling portion between **keyboard** and the host machine for generating the first signal when the **keyboard** is placed in a folding state; a **keyboard** controller, which is disposed inside the host machine and is connected to the signal generation apparatus for receiving the first signal to judge if the **keyboard** is placed in the folding state; and an interrupt controller, which is disposed inside the host machine and is coupled with the **keyboard** controller for sending the first interrupt request when the **keyboard** is placed in the folding state, so as to pause the present service program executed by the host ma(...)

Assignee
MITAC TECHNOLOGY CORP
MITAC TECHNOLOGY CORPORATION
SHINKI KAGI KOFUJI YUENKOSHI

Published As

Publ. number	Pub. date	Appl. number	Appl. date	Publ. Stage	Links
US2004093449	20040513	2003US-0386789	20030312	A1 - First published patent applic	
TW200407784	20040516	2002TW-0133184	20021112	A - Publication of an application	
DE10331550	20040527	2003DE-1031550	20030711	A1 - Doc. laid open (First publica	
JP2004164544	20040610	2003JP-0021327	20030130	A - Doc. laid open to publ. inspec	
US7054973	20060530			B2 - Granted patent as second f	

Record 32 of 166

Displaying records 26 - 50 of 166

```

graph TD
    S20[a collapsible keyboard is opened] --> S22[the magnetic switch generates a second signal]
    S22 --> S24[the keyboard controller initiates an interrupt request controller according to the second signal when in the open operation position]
    S24 --> S26[the interrupt controller generates a second interrupt request]
    S26 --> S28{a dialogue window appears, offering a choice of applications to execute}
    S28 -- Yes --> S32[the computer system executes the selected application]
    S28 -- No --> S30[the computer system executes the active application]
  
```

Efficient scanning:

- ✓ Key Words In Context (KWIC) display
- ✓ Truncates sentences around keywords

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Access Detail Biblio Claims Description **Key Content** Fulltext Kwic Legal Status Citations

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US2004093449
TW200407784
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JP2004164544
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Object of Invention
(US2004093449)
[0002] The present invention relates to a **computer** system with **collapsible keyboard** and alternate display function and processing method thereof.

In particular, the present invention relates to a method and system for a **collapsible keyboard** activating an application on a designated partial area of the system monitor.

[0007] Accordingly, an object of the invention is to provide a **computer** system capable of performing applications when a **collapsible keyboard** is in a folded position, displaying application data on a designated partial area of the system monitor not obscured by the folded **keyboard**.

[0008] Another object of the invention is to provide a method for performing **computer** system applications when a **collapsible keyboard** is in a folded position, displaying application data on a designated partial area of the system monitor not obscured by the folded **keyboard**.

[0010] To achieve the above object, the present invention provides a **computer** system with **collapsible keyboard** and alternate display functions and processing method thereof.

Advantages / Prev. Drawbacks
(US2004093449)
Thus, there is a need for system with a **collapsible keyboard** and display capability compatible with portability.

Independent Claims
(US2004093449)
1. A **computer** system, comprising:
a main body for storing at least an application; a monitor coupled to the main body; a **collapsible keyboard** coupled to the main body, disposable in at least an open operating position and a folded position; a signal generating device coupled to the **collapsible keyboard** and the main body to generate a first signal when the system is in folded position; a **keyboard** controller integrated into the main body for receiving the first signal, determining that the **collapsible keyboard** has been folded; and an interrupt request controller in the main body coupled to the **keyboard** controller to send an interrupt request when the **collapsible keyboard** is folded, terminating active applications and displaying new application data on a designated partial area of the system monitor not obscured by the folded **keyboard**.

5. A method of processing a **collapsible keyboard** and alternate display functions, comprising:
providing a **computer** system with a monitor and a **collapsible keyboard**, disposable in at least an open operating position and a folded position; generating a first signal when the **collapsible keyboard** is folded; a **keyboard** controller receiving the first signal; the **keyboard** controller starting an interrupt request controller and, according to the first signal, determining that the **collapsible keyboard** has been folded; the interrupt request controller sending a first interrupt request to stop any active applications in the **computer** system; and executing an application in the **computer** system, the application data being displayed on a designated partial area of the system monitor not obscured by the folded **keyboard**.

```

graph TD
    S20[a collapsible keyboard is opened] --> S22[the magnetic switch generates a second signal]
    S22 --> S24[the keyboard controller initiates an interrupt request controller according to the second signal when in the open operation position]
    S24 --> S26[the interrupt controller generates a second interrupt request]
    S26 --> S28{a dialogue window appears, offering a choice of applications to execute}
    S28 -- Yes --> S32[the computer system executes the selected application]
    S28 -- No --> S30[the computer system executes the active application]
  
```

Record 32 of 166

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Orbit.com interface showing a patent family graph for US2004109853 A1. The graph displays the extended family structure across various countries and years (2002, 2003, 2004, 2007, 2008, 2009). The graph is color-coded by family (FamPat Family) and status (Status). The graph shows the following nodes and connections:

- 2002:** Priority 2002US-P409102 (20020909)
- 2003:**
 - Priority 2003US-0655345 (20030904)
 - Priority 2003WO-US28345 (20030909)
 - Priority 2003US-0655345 (20030904)
- 2004:**
 - Priority 2004WO-US07263 (20040308)
 - US2004175407 A1 MCDANIEL C
MCDANIEL STEV...
 - Priority 2004US-0792516 (20040303)
 - US2004109853 A1 MCDANIEL C
MCDANIEL STEV...
- 2007:** Priority 2007US-P976676 (20071001)
- 2008:** Priority 2008US-0243755 (20081001)
- 2009:** US2009238811 A1 CARVAJAL JUAN CARLO
MCDANIEL ...

The graph illustrates the flow of patent rights and the relationships between different patent families. A red arrow points to the 'Graph Inpadoc family' link in the left sidebar.

Efficient scanning:

- ✓ View INPADOC extended family in a graph
- ✓ Fully dynamic

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1 / 1 - EP1123734 A2

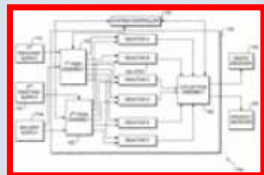
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1	PCT WO2004110608	A2	20041223
	PCT WO2004110608	A3	20050909
	EP1641557	A2	20060405
	JP2006527073	T	20061130
	JP4331749	B2	20090916
2	PCT WO03043730	A1	20030530
	EP1455930	A1	20040915
	JP2005509514	T	20050414
	EP1455930	A4	20060531
3	PCT WO200189681	A2	20011129
	PCT WO200189681	A3	20030103
	EP1286761	A2	20030305
	JP2004508919	T	20040325
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	US7435392	B2	20081014
5	EP1123734	A2	20010816
	US2002106311	A1	20020808
	EP1123734	A3	20021218
	US6537506	B1	20030325
	US7056477	B1	20060606
	US7241423	B2	20070710
	EP1123734	B1	20080709
	AT400357	T	20080715
	DE60134689	D1	20080821

5 results for Inpadoc Family Search

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#	Title	Assignee	Publ. number	Pr. Date
1.	Scalable continuous production system	CELLULAR PROCESS CHEM	EP1641557	2003-06-06

(EP1641557)
A parallel chemical production system producing a desired product by operating a plurality of reactors in parallel. The fluidic properties of each of the reactors are identical to the properties of a test reactor employed to determine conditions for producing the product, to facilitate scaling up production. In one embodiment, the production system is configured such that at least one reactor is always offline for cleaning, servicing, and use as a backup. If sensors detect less than optimal conditions in any reactor, the reactor is taken offline and serviced, while a previously designated backup reactor is placed online to maintain continuous production. Another aspect involves arranging the reactors in a concentric configuration to facilitate equal fluid distribution.
(From WO2004110608 A2)



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Inventor(s) OBERBECK SEBASTIAN;
SCHWALBE THOMAS;
AUTZE VOLKER;
POELDERL KLAUS

Patent Assignee (Original) Cellular Process Chemistry, Inc.; One Broadway Street, Suite 600; Cambridge, MA 02142 (US)

Priority Details 2003US-0456162 20030606
2004WO-US17629 20040603

Intl. classification B01F-013/00
B01J
B01J-019/00
F28D-009/00
F28F-009/26

ICO Classification R28D-009/00K4
R28F-009/26
L01J-219/00R2B
L01J-219/00R4B
L01J-219/00R4F
L01J-219/00R7B

IPC Advanced All B01F-013/00 [2006-01 A - I R M EP];
B01J-019/00 [2006-01 A - I R M EP];
F28D-009/00 [2006-01 A - N R M EP];
F28F-009/26 [2006-01 A - N R M EP]

IPC Core All B01F-013/00 [2006 C - I R M EP];
B01J [2006 S - I R M EP];
B01J-019/00 [2006 C - I R M EP];
F28D-009/00 [2006 C - I R M EP];
F28F-009/26 [2006 C - I R M EP]

Page 1 of 1 Record 1 of 5 Displaying records 1 - 5 of 5

Efficient scanning

Distinctive inventions identified in this INPADOC family :

1. « Scalable continuous production system »

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1 / 1 - EP1123734 A2

#	Patent Number	Kind	Date
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	PCT WO2004110608	A3	20050909
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	JP4331749	B2	20090916
2	PCT WO03043730	A1	20030530
	EP1455930	A1	20040915
	JP2005509514	T	20050414
	EP1455930	A4	20060531
3	PCT WO200189681	A2	20011129
	PCT WO200189681	A3	20030103
	EP1286761	A2	20030305
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4	US2003223909	A1	20031204
	US7435392	B2	20081014
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	US2002106311	A1	20020808
	EP1123734	A3	20021218
	US6537506	B1	20030325
	US7056477	B1	20060606
	US7241423	B2	20070710
	EP1123734	B1	20080709
	AT400357	T	20080715
	DE60134689	D1	20080821

5 results for Inpadoc Family Search

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#	Title	Assignee	Publ. number	Pr. Date
2.	Enhancing fluid flow in a stacked plate microreactor	CELLULAR PROCESS CHEM	EP1455930	2001-11-15

(EP1455930)
Stacked plate chemical reactor 1 with simple plates 7A-7J stacked together forming a reactor. With properly aligned openings in adjacent plates 7A-7J, fluid pathways and processing volumes are defined for chemical reactants, heat transfer medium, and a product.
In one embodiment, an n-fold internal array 5 is achieved by providing a first group of simple plates 7A-7J defining a reaction unit 5 including bypass, and reaction, fluid channels for each reactant, so a portion of each reactant is directed to subsequent groups of simple plates 7A-7J defining additional reaction units 5.
Variable output chemical reactor 1 is obtained in one embodiment by reversibly joining reactor stacks 3 comprising irreversibly joined reaction units 5, consisting of a plurality of simple plates 7A-7J.
(From WO03043730 A1)

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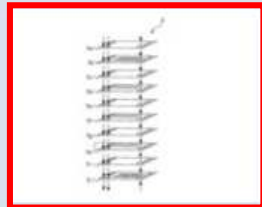
Inventor(s)
GOLBIG KLAUS;
AUTZE VOLKER;
BORN PETER;
DRESCHER CHRISTIAN

Patent Assignee (Original)
Cellular Process Chemistry Inc.; 415 N. Quay, Bldg. A, Suite 5; Kennewick, WA 99336 (US)

Priority Details
2001US-0991377 20011115
2002WO-US35742 20021107

Intl. classification
B01F-013/00
B01F-013/10
B01F-015/00
B01F-015/06
B01J-019/00
B01J-019/24
F28D-009/00
F28D-009/02

ICO Classification
L01F-013/00M
L01F-013/10B
L01F-015/06
L01J-219/00R2B
L01J-219/00R4B
L01J-219/00R14
L01J-219/24R4B2
L01J-219/24R4D2
L01J-219/24R4P4B
L01J-219/24R4P4B2
L01J-219/24R4P4D



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Distinctive inventions identified in this INPADOC family :

2. « Enhancing fluid flow in a stacked plate microreactor »

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1 / 1 - EP1123734 A2

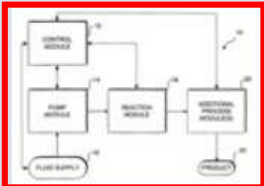
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	PCT WO2004110608	A3	20050909
	EP1641557	A2	20060405
	JP2006527073	T	20061130
	JP4331749	B2	20090916
2	PCT WO03043730	A1	20030530
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	EP1455930	A4	20060531
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	PCT WO200189681	A3	20030103
	EP1286761	A2	20030305
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	DE60134689	D1	20080821

5 results for Inpadoc Family Search

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#	Title	Assignee	Publ. number	Pr. Date
3.	Modular chemical production system incorporating a microreactor	CELLULAR PROCESS CHEM	EP1286761	2000-05-24

(WO200189681)
 A modular chemical production system having a microreactor for producing a product by reacting two or more reactants. Modularization enables components such as controllers, pumps, valves, microreactors, and processing modules to be added or removed from the system as required to produce a desired product. The system includes a control module, and a reaction module having a mixing volume and a reaction volume. Various pumping modules and residence time modules may also be included in the system. Quick connect/disconnect fittings enable modules to be readily changed if malfunctioning, or to produce a different product, or quantity. A database includes optimal parameters for a plurality of different reactions yielding different chemical products. The user selects a desired product and amount, provides the reactants, solvents, and heat transfer media supplies, and the control module operates the system to automatically produce the product until the desired amount is obtained.



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Inventor(s) SCHWALBE THOMAS;
 OBERBECK SEBASTIAN;
 GOLBIG KLAUS;
 HOHMANN MICHAEL;
 OBERBECK ANDREAS

Patent Assignee (Original) Cellular Process Chemistry Inc.; 415 N. Quay, Bldg. A, Suite 5; Kennewick, WA 99336 (US)

Priority Details 2000US-0578224 20000524
 2001WO-US15738 20010515

Intl. classification B01J-019/00
 B81B-007/00

ICO Classification L01J-219/00R4B
 L01J-219/00R4F

IPC Advanced All B81B-007/00 [2006-01 A F I R M JP];
 B01J-019/00 [2006-01 A - I R M EP]

IPC Core All B81B-007/00 [2006 C F I R M JP];
 B01J-019/00 [2006 C - I R M EP]

ECLA Classification (EPO) B01J-019/00R

Publication actions 20010515 WO-API [POS; EXM]

FILING DETAILS WOUS0115738 20010515 [2001WO-US15738]

Page 1 of 1 Record 3 of 5

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Efficient scanning

Distinctive inventions identified in this INPADOC family :

3. « Modular chemical production system incorporating a microreactor »

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Inpadoc Access

1 / 1 - EP1123734 A2

#	Patent Number	Kind	Date
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2	PCT WO03043730	A1	20030530
	EP1455930	A1	20040915
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	PCT WO200189681	A3	20030103
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	US7435392	B2	20081014
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	US7241423	B2	20070710
	EP1123734	B1	20080709
	AT400357	T	20080715
	DE60134689	D1	20080821

5 results for Inpadoc Family Search

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#	Title	Assignee	Publ. number	Pr. Date
5.	Miniaturized reaction apparatus	CELLULAR PROCESS CHEM	EP1123734	2000-02-03

(EP1123734)

A stacked plate chemical reactor in which simple plates, each incorporating no surface features other than an opening, are stacked together. When openings in adjacent plates are properly aligned, a fluid pathway is defined between inlet ports for each chemical reactant and an outlet port for a chemical product.

In one embodiment of the invention, sixteen simple plates are stacked to provide a reactor incorporating three heat transfer fluid pathways, two reactant fluid pathways, one product fluid pathway, multiple mixing chambers, multiple reaction chambers, two reactant pretreatment heat exchangers, two reaction chamber heat exchangers, and multiple temperature sensor pathways.

Precise dimensional control of the reactant fluid pathway height enables stacked laminar flow paths for the reactants to be achieved, allowing efficient and rapid diffusion mixing to occur.

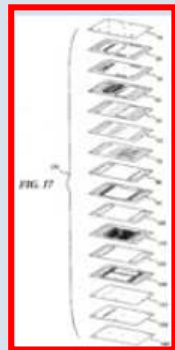
Because the simple plates incorporate no features other than openings, fabrication of such plates is easily achieved.

Different reactor designs, having additional reactant pathways, more or fewer heat transfer fluid pathways, more or fewer heat exchangers, more or fewer mixing chambers, more or fewer reaction chambers, and more or fewer sensor pathways can readily be achieved by adding or removing plates from the stack, and/or by changing the pattern and number of openings in the simple plates that are used.

The simple plates can be held in the stack during use of the chemical reactor using pressure exerted on opposite outer simple plates of the stack, or can be permanently joined.

A preferred material for the fabrication of the plates is stainless steel, although other materials such as glass, plastic, and other metals can alternatively be used, which are compatible with the selected reactants and the desired product. <IMAGE>

(From EP1123734 A2)



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Inventor(s) SCHWALBE THOMAS DR;
GOLBIS KLAUS DR;
HOHMANN MICHAEL DR;
GEORG PETRA;
OBERBECK ANDREAS;
DITTMANN BERND;
STASTNA JIRI;
OBERBECK SEBASTIAN

Patent Assignee (Original) Cellular Process Chemistry Inc.; 3200 George Washington Way; Richland, Washington 99352 (US)

Priority Details 2000US-0496999 20000203
2000US-0578224 20000524
2001US-0991377 20011115

US Class Code ORIGINAL (O): 422130000; CROSS-REFERENCE (X): 422099000 422100000 422129000 422131000 422138000 422102000

Intl. classification B01F-005/06
B01F-013/00
B01F-013/10
B01F-015/00
B01F-015/06

Page 1 of 1 Record 5 of 5 Displaying records 1 - 5 of 5

Efficient scanning

Distinctive inventions identified in this INPADOC family :

4. « Miniaturized reaction apparatus »



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88 results for ((collapsible) AND (computer) AND (keyboard))

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12. ☒ **Collapsible computer workstation**

13. ☒ **Computer system with collapsible keyboard and alternate display functions and processing method thereof**

14. ☒ **Foldable display, input device provided with the display and foldable keyboard, and personal computer provided with the input device**

15. ☒ **Laptop computer support board with lamp**

16. ☒ **Illuminated portable shield for portable computers**

17. ☒ **Computer desk**

18. ☒ **Compact keyboard with sliding motion key actuation**

19. ☒ **Wireless keyboard for hand-held computers**

20. ☒ **Mechanism for unfolding and folding of folding keyboards of portable computers and similar devices**

21. ☒ **Sensing of pancreatic electrical activity**

22. ☒ **Portable document holder**

23. ☒ **Collapsible data entry panel**

24. ☒ **Stroller with programmable information module**

25. ☒ **Height-adjusting collapsible mechanism for a button key**

26. ☒ **Customized hair colorant formulating and dispensing apparatus and method**

27. ☒ **Portable computer stand for a laptop computer**

28. ☒ **Ergonomic furniture**

29. ☒ **Collapsible computer mouse pad**

30. ☒ **Folding keyboard for a personal digital assistant**

31. ☒ **Folding keyboard for a personal digital assistant**

32. ☒ **Keyboard support apparatus**

33. ☒ **Inflatable structure for supporting an article of manufacture**

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US6913332 2003-01-09

US2004093449 2002-11-12

US2004052044 2002-09-17

US6672557 2002-09-09

US2003231399 2002-06-18

US6663203 2002-05-31

US2004013457 2002-04-15

WO03060681 2002-01-04

KORSAKOV GRIGORIY WO2004006077 2001-12-11

IMPULSE DYNAMICS NV; METACURE N V EP1455892 2001-11-29

US2003001064 2001-06-28

BORUCKI GREGORY C; CECCHI MARINO; WO2004051618 2001-05-11

GERICO CHILDREN PRODUCTS CORP; OF US2003132612 2001-05-09

DARFON ELECTRONICS CORP US2002148711 2001-04-11

PROCTER & GAMBLE WO02083282 2001-04-10

US2002100398 2001-01-31

GB2369565 2000-12-04

US2002117588 2000-10-04

KATZ MICHAEL; POCKETOP COMPUTERS EP1305699 2000-07-19

POCKETOP COMPUTERS CORP US2005025551 2000-07-19

US6543949 2000-03-23

PEARL TECHNOLOGY HOLDINGS LLC WO2001165167 2000-03-02

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Record 14 of 88

Preview

Mosaics

Foldable display, input device provided with the display and foldable keyboard, and personal computer provided with the input device

Abstract
(US20040052044)
A joint (129) includes semicircular plates (131) each integrally formed with a link part (132) having a screw hole (133).
The joint (129) couples cover members (107, 117) of a flexible display (102) by means of screws (134) passing through the screw holes (133) and grooves (125, 128) of the cover members (107, 117).
The link parts (132) of the semicircular plates (131) are caused to operate in sync with each other to stably perform an opening and closing operation of the cover members (107, 117).

Inventor(s) MOCHIZUKI ISAO
TAKAGI TAKEYUKI

Assignee BROTHER IND LTD

Patent Assignee (Original) Brother Kogyo Kabushiki Kaisha, Nagoya [JP]

Published As

Publ. number Pub. date Publ. Stage Links

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WO200526926

Abstract
(WO200526926)
A **digital** processing device (900) including a **keyboard** assembly (920) and a display assembly (930) coupled to the **keyboard** assembly. In one embodiment, the **keyboard** assembly has a **collapsed** form and an opened form and the display assembly has a display width of at least 800 pixels. The **keyboard** assembly unfolds to form a full-size **keyboard** (e.g., in conformance with an ISO 9241-4:1998 (E) standard) that allows a user to comfortably, quickly, and accurately "touch-type" in a manner that the user may be accustomed to.

Inventor(s)
OLODORT ROBERT; CAZALET PETER M; MEAD RUSSELL; TANG JOHN

Assignee
THINK OUTSIDE INC

Publication Information
WO2005026926 A2 20050324 [WO200526926]

Priority Details
2003US-0661875 20030911

International Patent Classification
G06F-001/16

Famapat family

WO2005026926	A2	20050324	[WO200526926]
WO2005026926	A3	20051117	[WO200526926]

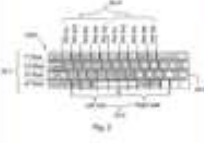

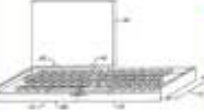

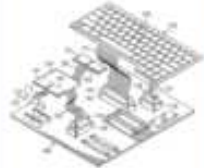



Abstract:
(WO200526926)
A **digital** processing device (900) including a **keyboard** assembly (920) and a display assembly (930) coupled to the **keyboard** assembly. In one embodiment of the present invention, the **keyboard** assembly has a **collapsed** form and an opened form and the display assembly has a display width of at least 800 pixels. The **keyboard** assembly unfolds to form a full-size **keyboard** (e.g., in conformance with an ISO 9241-4:1998 (E) standard) that allows a user to comfortably, quickly, and accurately "touch-type" in a manner that the user may be accustomed to.

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1	IMAGE	FAN	Kind	Date	XPN	LINKS	TI	AB	FD
		20090840026494	A1	20090319	WO200936293		HIGHLY COMPACT KEYBOARDS	(WO200936293) A method for constructing a set of rules of operation for a first keyboard having a small number of keys is based upon the physical and operational characteristics of a second keyboard having a much greater number of keys. The second keyboard is a familiar keyboard such as a QWERTY keyboard or a phone keypad , and the rules of operation for the first keyboard reflect	
2		20089360017364	A1	20081106	US20080273012		Multifunctional portable computing device with special housing	(US20080273012) A portable computing device includes pivoting and hinging mechanisms which enable its housing to reconfigure to function in multiple modes. In one configuration the device functions as a laptop computer with keyboard input. In another configuration the device folds into a compact, hand-held, non-based computer . In another	(US20080273012) Cont. of. US 10784467 - 20040223 [2004] Cont. of. US 7193614 - 0 [US7193614]
3		20082100016412	A1	20080724	US20080174458		Notebook Computer Having Keyboard Decoding in Palmrest	(US20080174458) A portable information handling system, user interface components thereof, and methods of user control interface and assembly are disclosed. In one embodiment a keyboard assembly, including a large plurality of contacts for a keyboard matrix, connects directly to a palmrest assembly. The palmrest assembly includes a	
4		20081750016893	D0 A1 A1 A A1 A	20080521 20081016 20081016 20081022 20081023 20081106	GB200806937 US20080253822 CA2628885 GB2448596 DE102008018975 JP2008269599		FOLDING KEYBOARD WITH NUMERIC KEYPAD	(US20080253822) A folding keyboard is set forth with a numeric keypad , and one fold line located between the edge of a standard continuous space bar and the edge of the numeric keypad . Preferably, the keyboard further includes left and right top cases,	(US20080253822) Provisional: US 60912024 - 20070416 [20

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#	Publ. number	Pr. Date	Title	Assignee
1.	US2009159342	2007-12-21	INCORPORATED HANDWRITING INPUT EXPERIENCE FOR TEXTBOXES	MICROSOFT CORP
<p>(US20090159342)</p> <p>Textboxes are provided to support both standard textbox operations and handwriting input. A textbox may be displayed as a standard textbox, receive input from a keyboard, a pointing device (e.g., a mouse), and/or a handheld writing device (e.g., an electronic pen or stylus), and interpret the input to perform standard textbox operations. Based on various user actions, the textbox is displayed as an enlarged textbox that provides a writing surface for receiving input from the handheld writing device that is interpreted as handwriting input. Text is recognized from the handwriting input, and the text from the enlarged textbox is synchronized with the textbox.</p>				
2.	US2009174674	2008-01-09	Apparatus and methods for a touch user interface using an image sensor	QUALCOMM INC
<p>(EP2079009)</p> <p>Apparatus and methods are presented for a touch user interface using an image sensor. A method for processing image-based input commands for a user interface includes receiving image frames from a sensor, determining when the sensor enters a cover state, determining, from subsequent image frames, when the sensor enters a de-cover state, analyzing information based upon the subsequent image frames to interpret a user command, and issuing the user command to a user interface. An apparatus having an image-based user interface includes an image sensor, and a processor connected to a memory, where the processor is configured with logic to receive image frames from the image sensor, to determine when the image sensor enters a cover state, determine, from subsequent image frames, when the image sensor enters a de-cover state, to analyze information based upon the subsequent image frames to interpret a user command, and to issue the user command to a user interface.</p>				
3.	JP2009064375	2007-09-10	PROJECTION IMAGE DISPLAY DEVICE	SANYO ELECTRIC CO
<p>(JP2009064375)</p> <p>PROBLEM TO BE SOLVED: To provide a projection image display device that can reduce the labor of transportation to a site of enlarged image projection and shorten the time for connection of the projection image display device to a personal computer. SOLUTION: The projection image display device comprises a recognition means 11 for recognizing the key arrangement of a keyboard image 9 and the pattern of a monitor image 8 both projected on a floor 10, a finger position detection means 11 to 13 for detecting the position of a user's finger 15 touching the floor 10 on the keyboard image 9 and monitor image 8 projected on the floor 10, and a control means 14 for identifying image information in a position corresponding to the position of the user's finger 15 touching the floor 10 detected by the finger position detection means 11 to 13 and inputting a signal into the personal computer 7. COPYRIGHT: (C)2009,JPO&INPIT</p>				

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collapsing (1)

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EPIDOS (1)

EPOPIC (1)

EUROPATIS (1)

GLASS (2)

GUILLAUME (1)

IPI2010 (1)

IRONS (1)

KEYBOARD (5)

COLLAPSING (497/1)

EXPANDING (585/1)

IPI 2010 (3/4/4)

ROTATING (43/0/50)

SLIDING (39/0/50)

MOTORCYCLES (1)

NEW (1)

PHILIPS (1)

PROJECT 1 (1)

PROJECT 2 (1)

PROJECT 3 (1)

PROJECT 4 (1)

PROJECT 5 (1)

EXPANDING - TEST

Select all records

1. US20080051041

(US20080051041)

A device is disclosed for use in a mobile communication device. The device will be positioned such that its height is adjustable. The device is positioned such that its height is adjustable for tasks such as making a call, sending an email, or viewing content shown on the display screen.

2. EP1890309

(EP1890309)

A switch comprising a generally rectangular housing (10). The housing (10) has a groove (20) with a relatively downward force is provided by the sidewall of the housing (10) and melt together, to form a unitary structure between the housing (10) and a keycap 34 is slidably engaged with the housing (10) such that the keycap does not contact the inner wall of the housing (10).

3. WO20080025638

(US20080025638)

An image fusion method for determining if user defined the first image or second image is the first image or second image to go to step (h); g. fusing the second delineation step on the first image.

4. WO2008001638

(US20080024464)

Disclosed is a pointing device for facilitating user interaction with an electronic device. The pointing device includes a magnetic disc, a magnetic field over which the magnetic disc laterally travels in response to force applied by a user, and a plurality of sensors to detect the location of the magnetic disc relative to the magnetic field.

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nobody@questel.com

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quelqun@questel.com

renaud@qo.com

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FIG. 1

CHEN SHOU

THOMAS; SONY ERICSSON MC

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Ex.: G10L-015

Others

Assignee:

Inventor:

Publication number:

Publication country:

E.g.: Siemens

E.g.: Fleming Alexander, Moyer Andrew

E.g.: EP0980063

E.g.: US, EP

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US2004093449 A1 - First published patent application

US7054973 B2 - Granted patent as second publication

Claims

Description

Main claim
What is claimed is:

1. A computer system, comprising: a main body for storing at least an application; a monitor coupled to the main body; a collapsible keyboard coupled to the main body, disposable in at least an open operating position and a folded position; a signal generating device coupled to the collapsible keyboard and the main body to generate a first signal when the system is in folded position; a keyboard controller integrated into the main body for receiving the first signal, determining that the collapsible keyboard has been folded; and an interrupt request controller in the main body coupled to the keyboard controller to send an interrupt request when the collapsible keyboard is folded, terminating active applications and displaying new application data on a designated partial area of the system monitor not obscured by the folded keyboard.

Claims

2. The computer system as claimed in claim 1, wherein the signal generating device comprises a magnet and a magnetic switch, the magnet activating the magnetic switch when the collapsible keyboard is folded, the magnetic switch then generating a first signal.
3. The computer system as claimed in claim 1, wherein the signal generating device generates a second signal when the collapsible keyboard is opened, according to the second signal activating the interrupt request controller, which issues a second interrupt request to the application.
4. The computer system as claimed in claim 1, wherein a remote controller is used to switch and control applications.
5. A method of processing a collapsible keyboard and alternate display functions, comprising: providing a computer system with a monitor and a collapsible keyboard, disposable in at least an open operating position and a folded position; generating a first signal when the collapsible keyboard is folded; a keyboard controller receiving the first signal; the keyboard controller starting an interrupt request controller and, according to the first signal, determining that the collapsible keyboard has been folded; the interrupt request controller sending a first interrupt request to stop any active applications in the computer system; and executing an application in the computer system, the application data being displayed on a designated partial area of the system monitor not obscured by the folded keyboard.
6. The method as claimed in claim 5, wherein generating the first signal further comprises: a magnet in the collapsible keyboard activating a magnetic switch when the collapsible keyboard is folded; and the magnetic switch generating the first signal.
7. The method as claimed in claim 5 further comprising: generating a second signal when the collapsible keyboard is opened;

Claims

Description

Main claim
What is claimed is:

1. A computer system, comprising a main body for storing at least an application; a monitor coupled to the main body; a keyboard coupled to the main body, disposable in at least an open operating position and a folded position, wherein, when disposed in the folded position, the keyboard covers a first partial area of the monitor and leaves uncovered a second partial area of the monitor; a signal generating device coupled to the keyboard and the main body to generate a first signal when the keyboard is in the folded position; a keyboard controller integrated into the main body for receiving the first signal, determining that the keyboard has been folded; and an interrupt request controller in the main body coupled to the keyboard controller to send an interrupt request when the keyboard is folded, terminating active applications, and executing and displaying a new application on the second partial area of the monitor.

Claims

2. The computer system as claimed in claim 1, wherein the signal generating device comprises a magnetic switch-activated when the keyboard is folded, the magnetic switch then generating a first signal.
3. The computer system as claimed in claim 1, wherein the signal generating device generates a second signal when the keyboard is opened, according to the second signal activating the interrupt request controller, which issues a second interrupt request to the application.
4. The computer system as claimed in claim 1, wherein a remote controller is used to switch and control applications.
5. A method of processing a keyboard and alternate display functions, comprising: providing a computer system with a monitor and a keyboard, disposable in at least an open operating position and a folded position, wherein, when disposed in the folded position, the keyboard covers a first partial area of the monitor and leaves uncovered a second partial area of the monitor; generating a first signal when the keyboard is folded; a keyboard controller receiving the first signal; the keyboard controller starting an interrupt request controller and, according to the first signal, determining that the keyboard has been folded; the interrupt request controller sending a first interrupt request to stop any active applications in the computer system; and when the keyboard is folded, executing and displaying a new application on the second partial area of the monitor.
6. The method as claimed in claim 5, wherein generating the first signal further comprises: activating a magnetic switch when the keyboard is folded; and the magnetic switch generating the first signal.
7. The method as claimed in claim 5 further comprising: generating a second signal when the keyboard is opened; the

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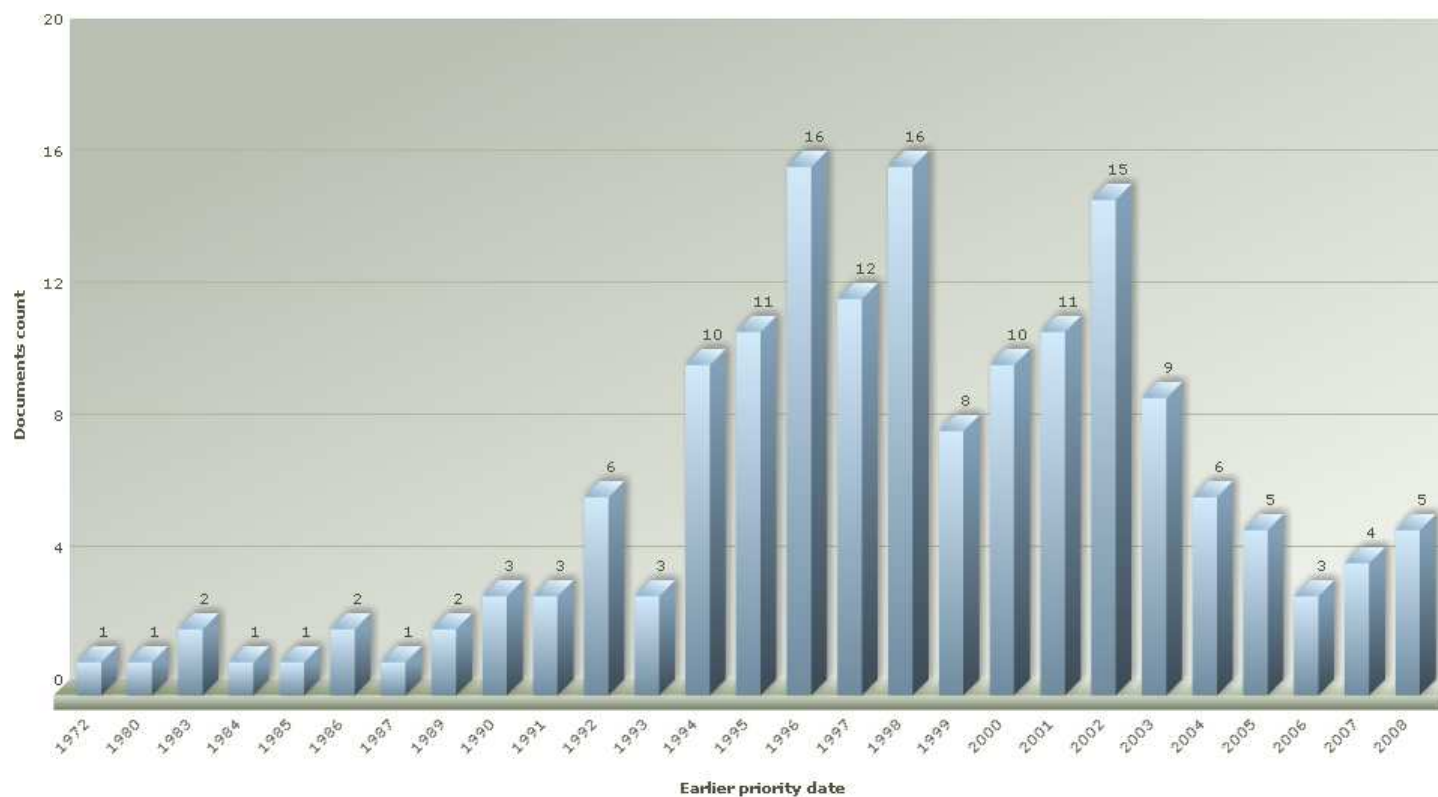
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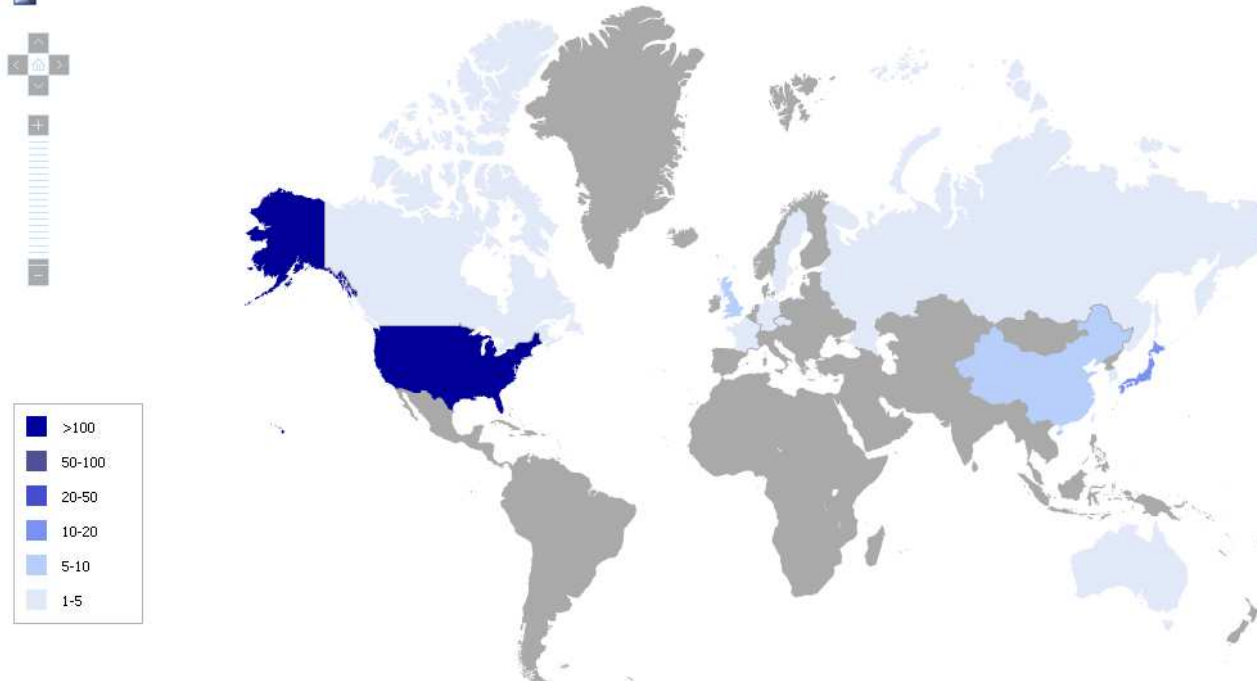
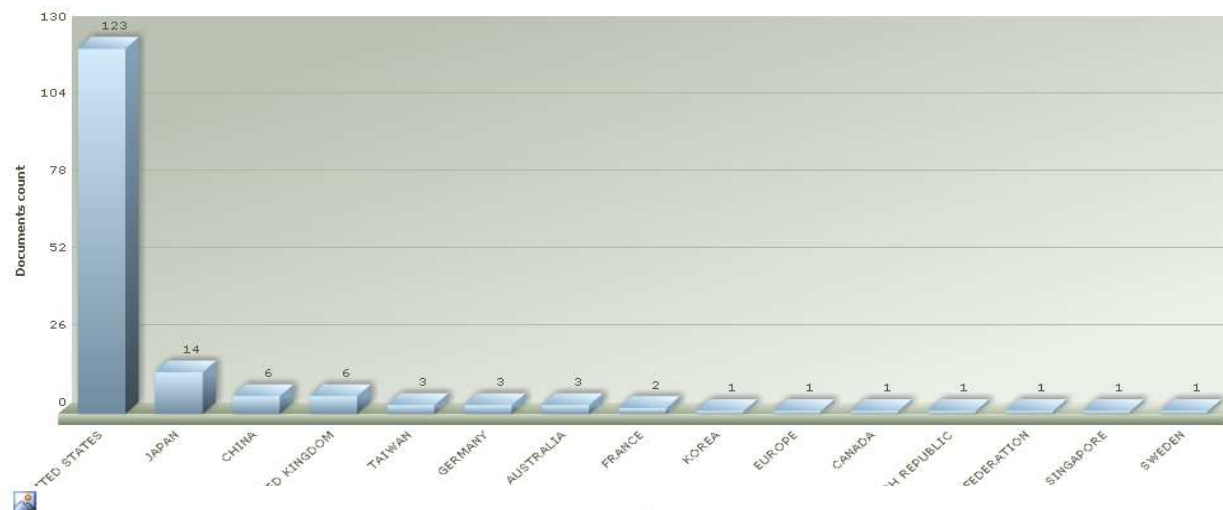
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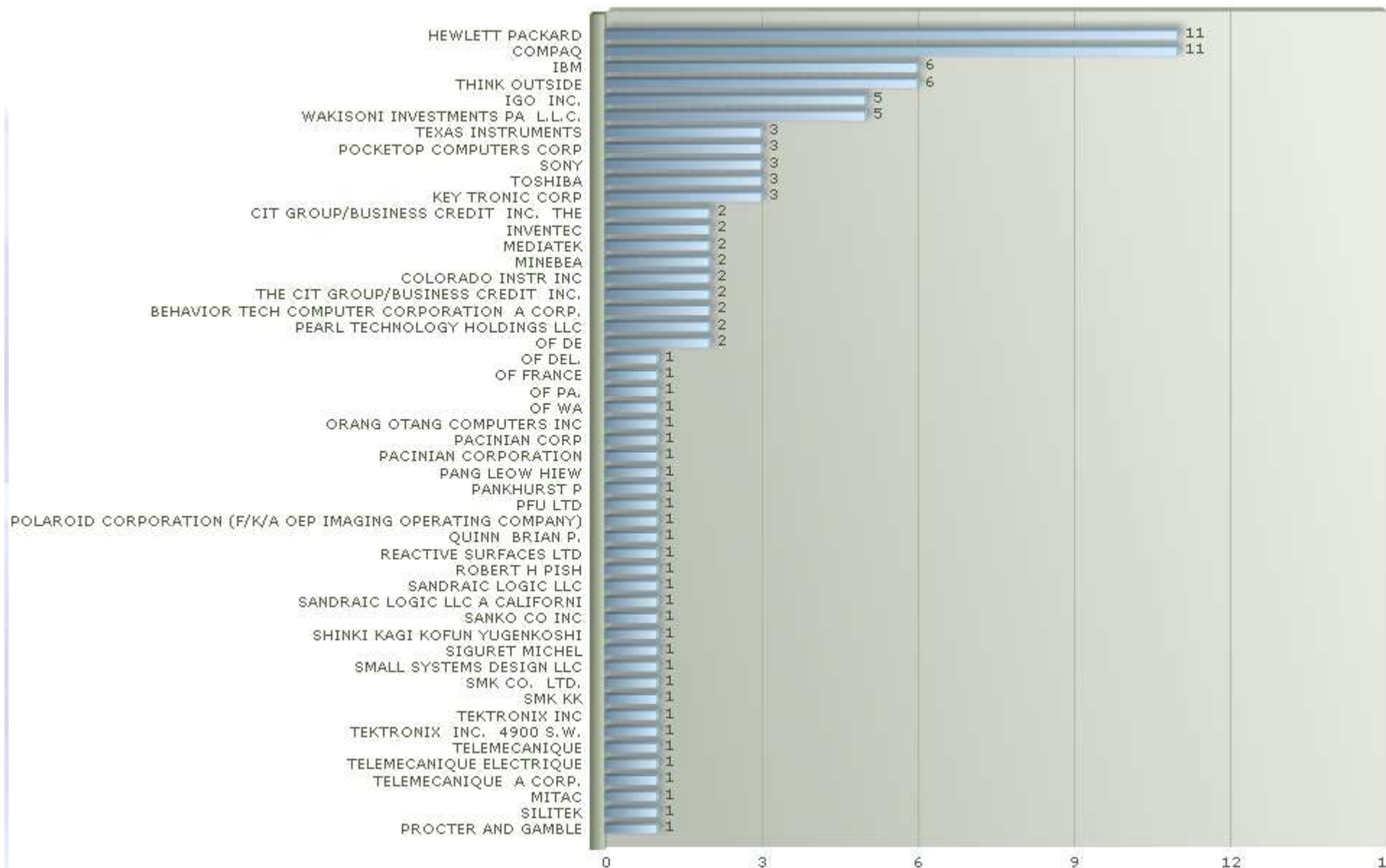
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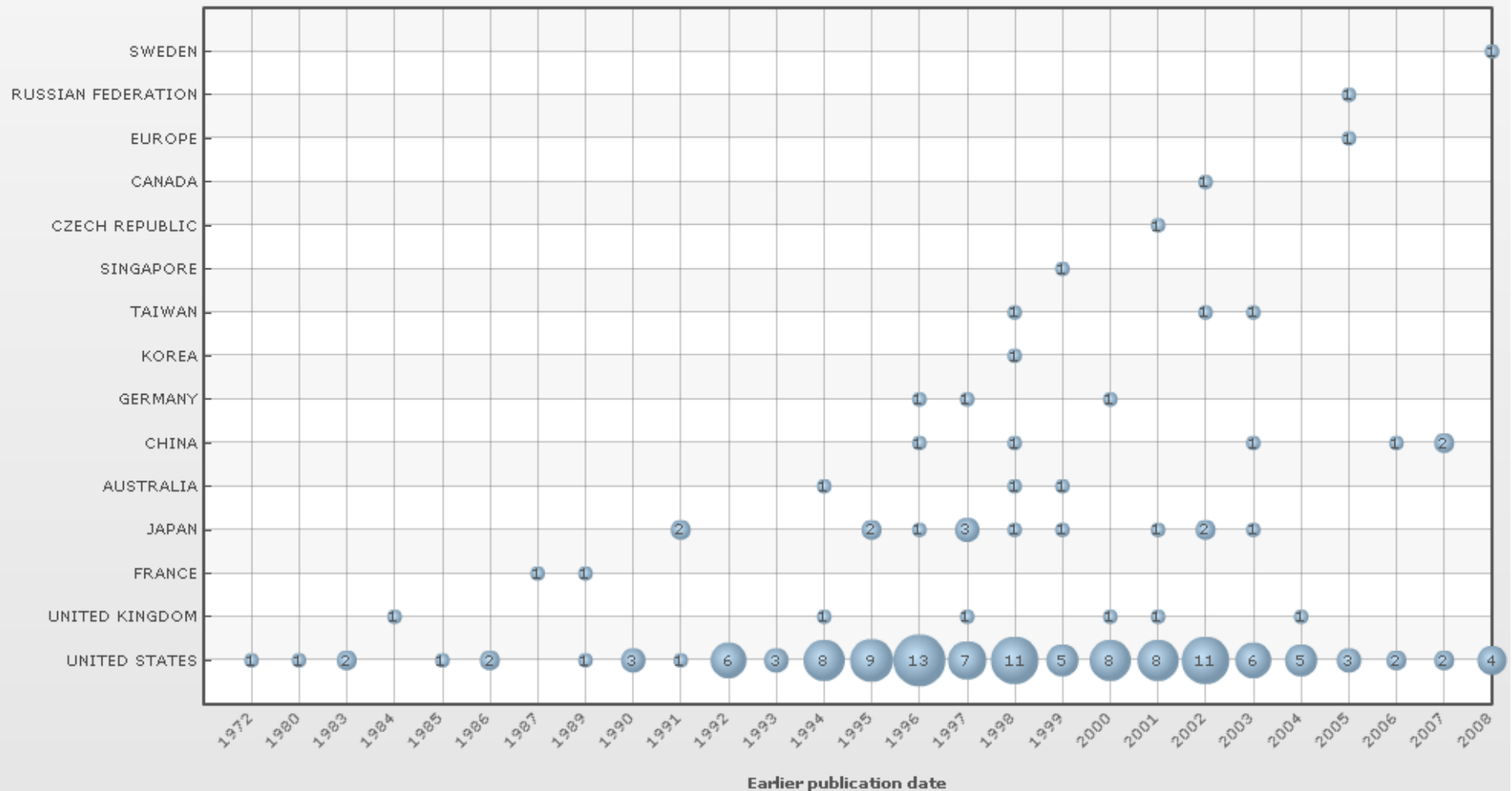
((COLLAPS+) AND (COMPUTER?) AND (KEYBOARD?))

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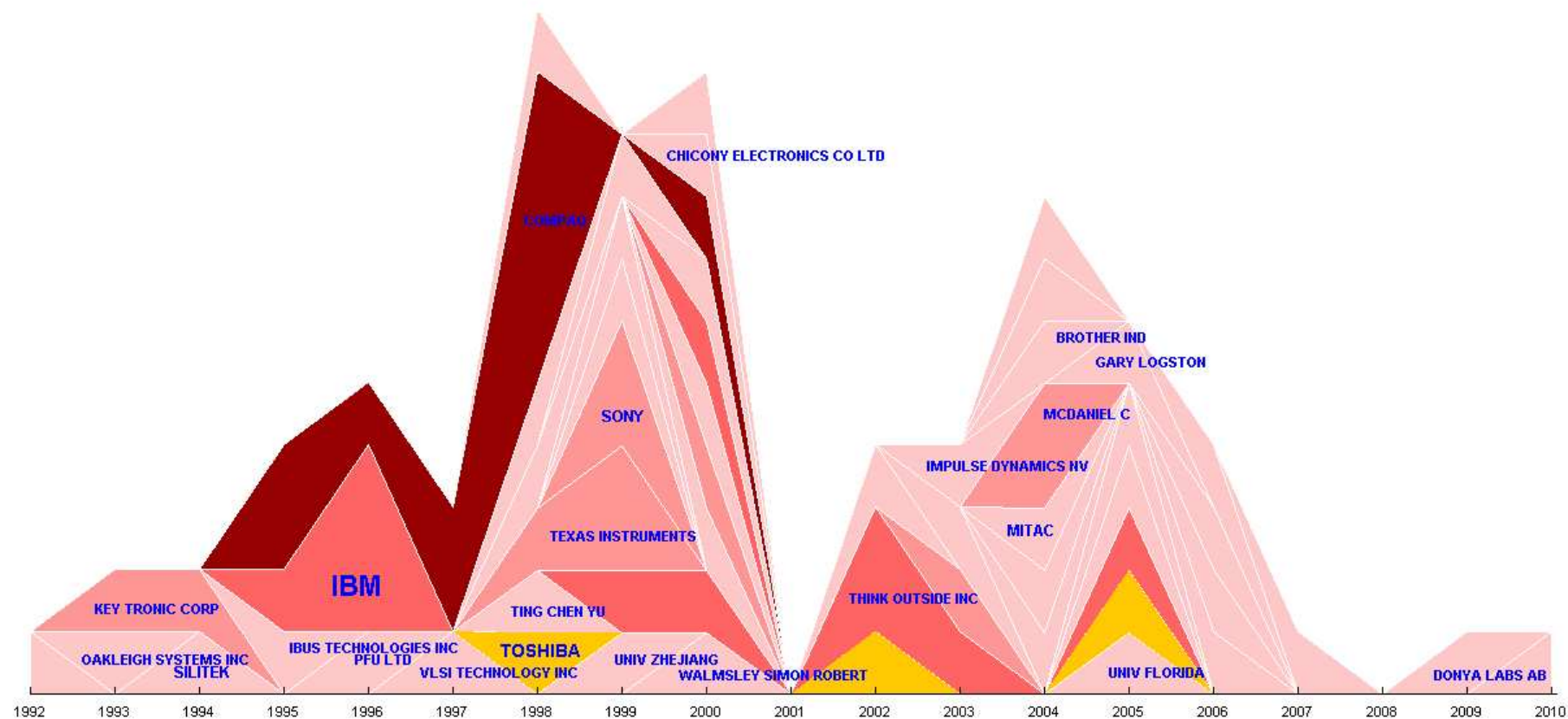


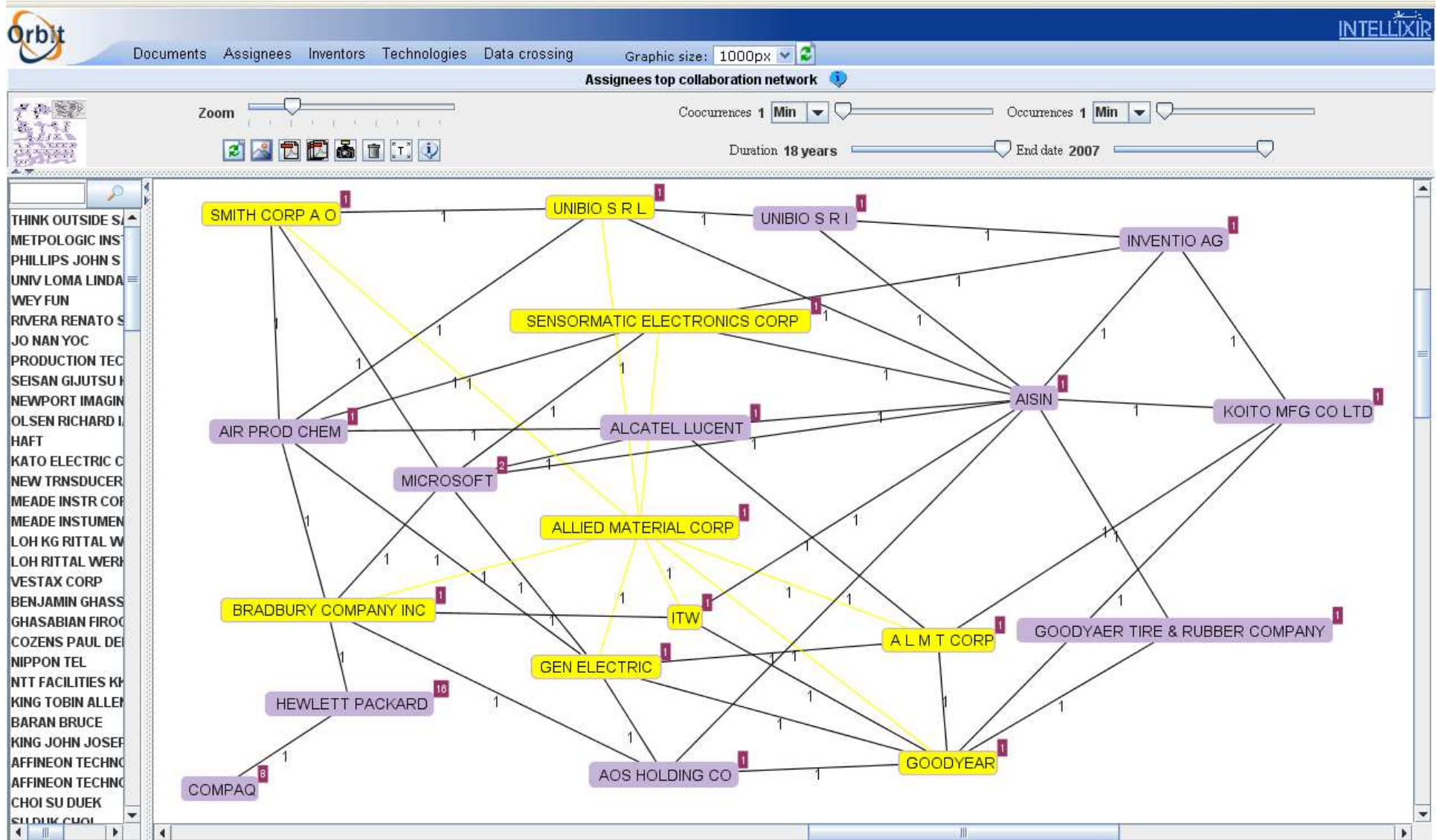
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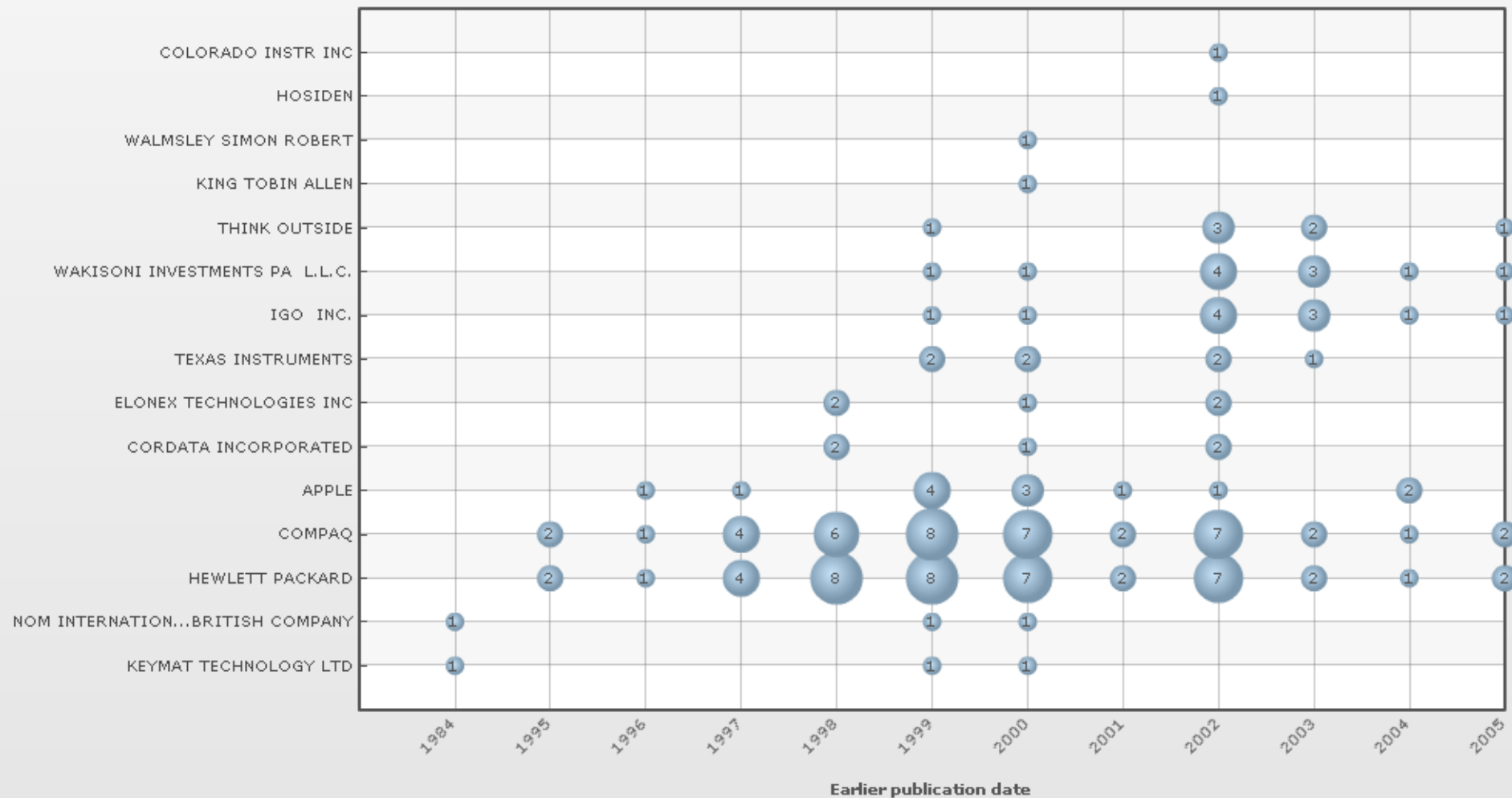


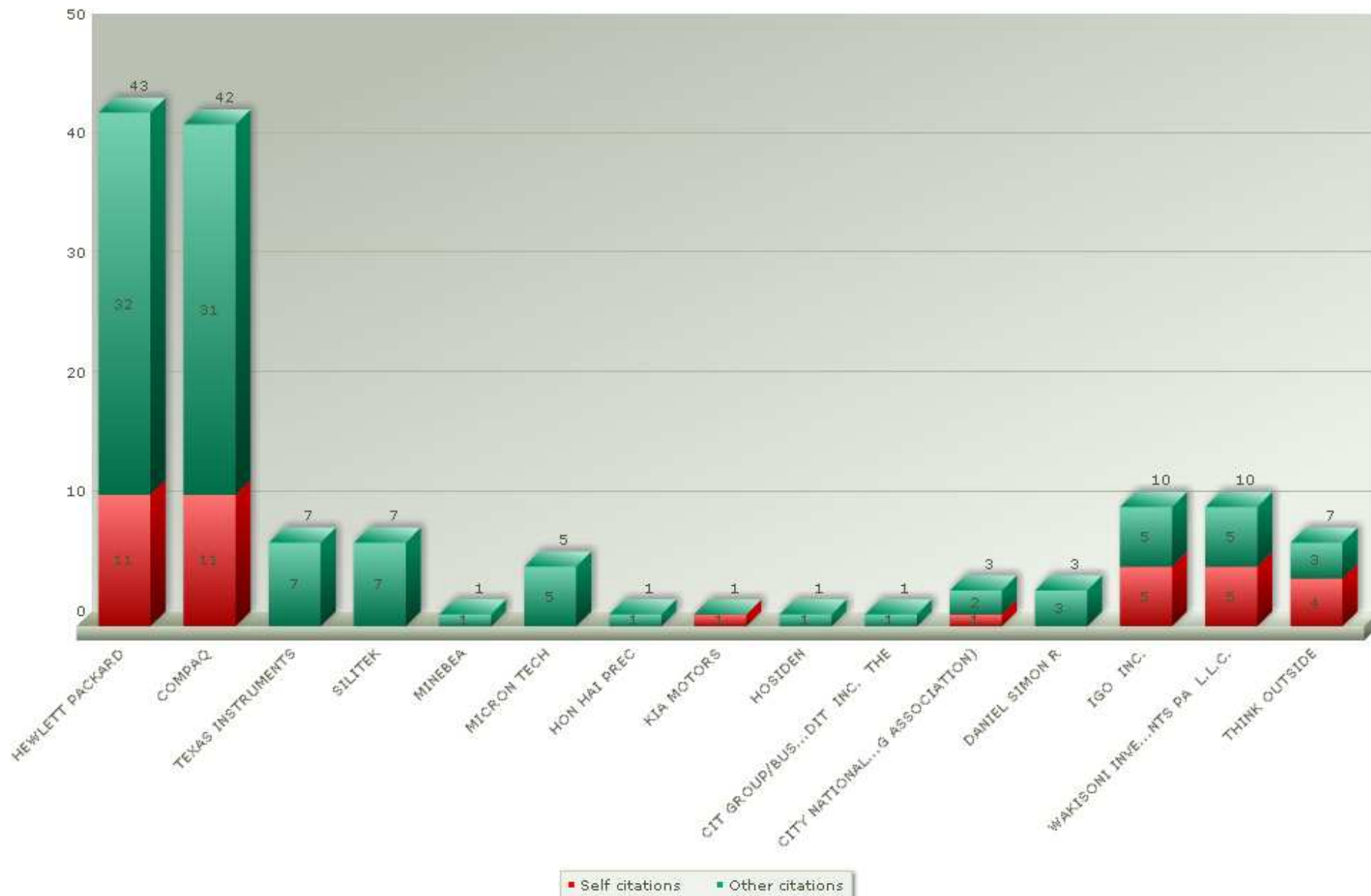
Max

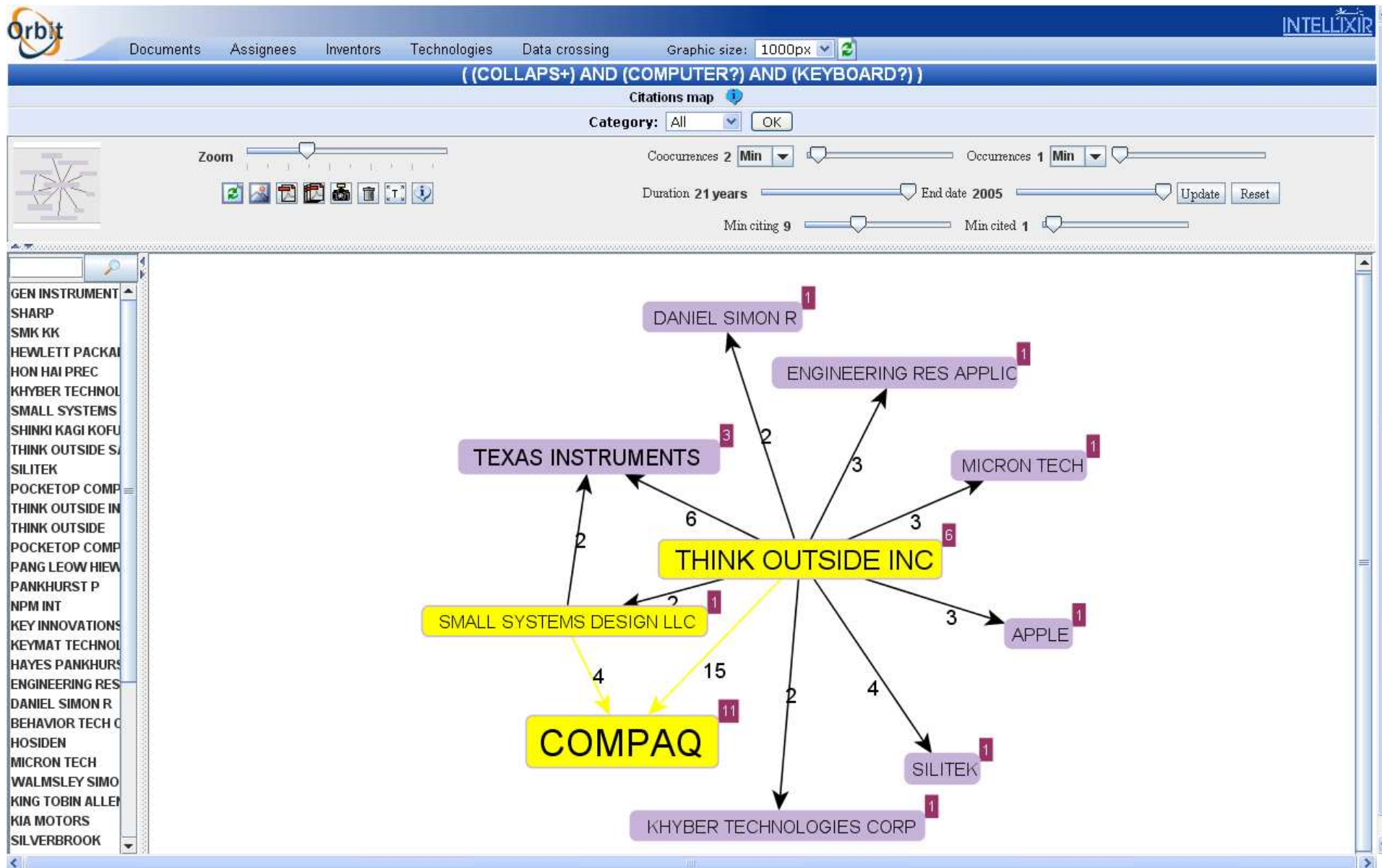
TOSHIBA (2002: 1, Total: 3)

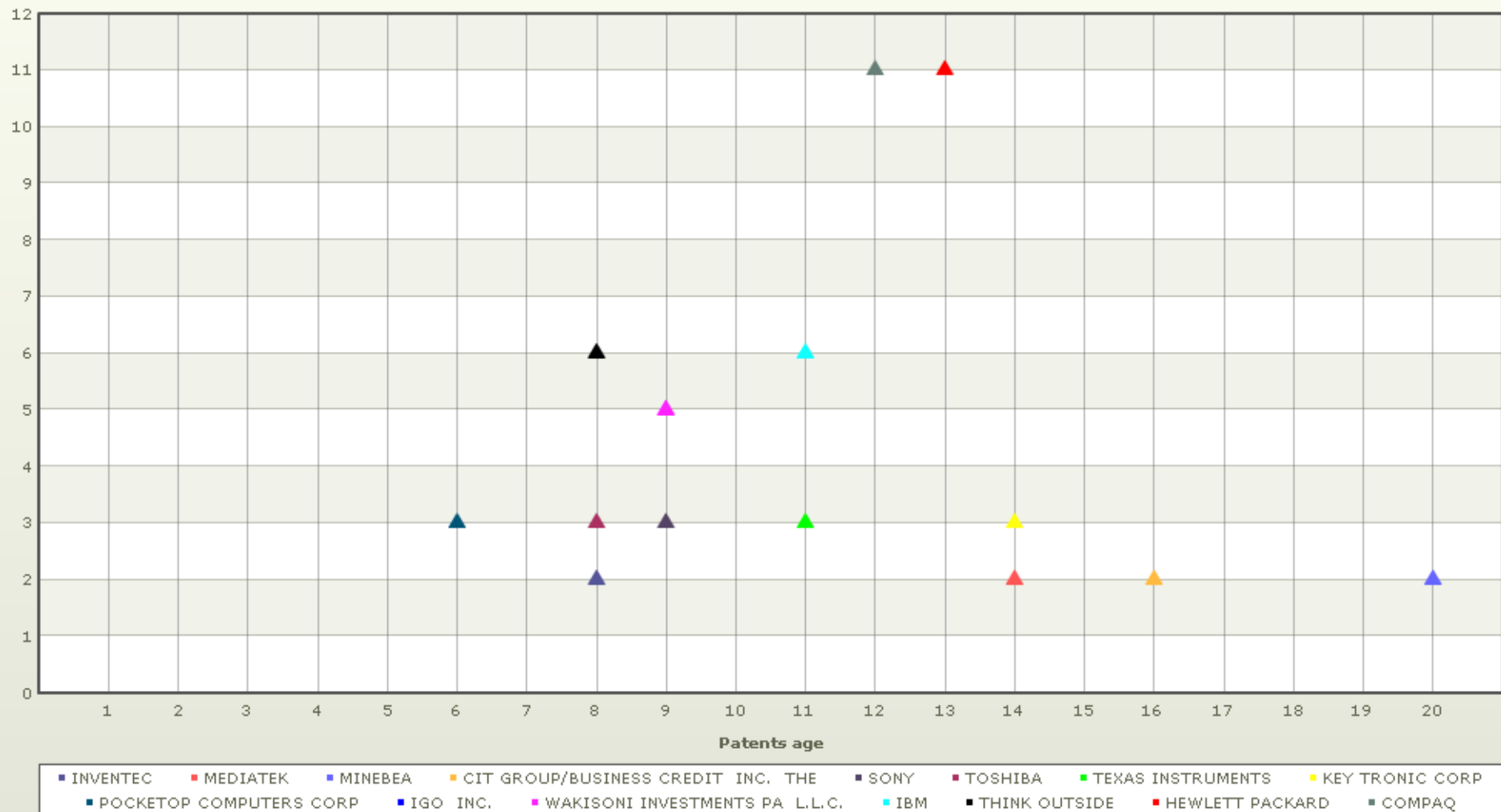












((COLLAPS+) AND (COMPUTER?) AND (KEYBOARD?))

Network graph for Assignees/IPC

Top 50

Zoom

Cooccurrences 1

Occurrences 1

Duration 15 years

End date 2005

B41J-002/01
SILVERBROOK
F16C-011/04
TELEMECANIQUE ELECTRI
B43L-003/00
ORANG OTANG COMPUTE
ACOUSTIC INFORMATION I
H04M-011/06
A01N-063/00
C09D-007/12
H04Q-007/22
E05D-011/00
H05K-007/20
C09D-005/00
H04M-001/02
H01H-021/06
E05D-011/08
G06F-003/048
C12N-011/08
H04B-001/38
C12N-011/00
H03M-011/00
G06F-003/023
A61K-047/48
MCDANIEL C
H05K-005/03
H04M-011/00
H01H-013/705
SONY
H04M-001/23
B41J-005/08

G06F-001/16

SONY

POCKETOP COMPUTERS CORP

TOSHIBA

THINK OUTSIDE INC

G06F-003/02

ACOUSTIC INFORMATION PROC LAB

COMPAQ

KEY TRONIC CORP

Analyzing

All graphs are fully dynamic and interactive :

- ✓ **filters can be applied**
- ✓ **assignees & inventors may be grouped/standardized**
- ✓ **all sets of records can be accessed at a click**
- ✓ **Exports are available in many e-formats**

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