

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3988949

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the OMISSION OF PAGES 11 AND 12 OF THE EXHIBIT previously recorded on Reel 019814 Frame 846. Assignor(s) hereby confirms the SUBMISSION OF PAGES 11 AND 12 OF THE EXHIBIT.

## CONVEYING PARTY DATA

Name	Execution Date
NOKIA CORPORATION	03/22/2007

## RECEIVING PARTY DATA

<b>Name:</b>	SPYDER NAVIGATIONS L.L.C.
<b>Street Address:</b>	1209 ORANGE STREET
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19801

## PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	6078570
Patent Number:	RE40824

## CORRESPONDENCE DATA

## Fax Number:

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** ivrecording@intven.com  
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**Address Line 1:** 150 EAST GILMAN STREET, VEREX PLAZA  
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<b>NAME OF SUBMITTER:</b>	CARLY WHIMS
<b>SIGNATURE:</b>	/Carly Whims/
<b>DATE SIGNED:</b>	08/02/2016

## Total Attachments: 30

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**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
NOKIA CORPORATION	03/22/2007

**RECEIVING PARTY DATA**

Name:	SPYDER NAVIGATIONS L.L.C.
Street Address:	1209 Orange Street
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19801

**PROPERTY NUMBERS Total: 28**

Property Type	Number
Application Number:	08915998
Application Number:	09331765
Application Number:	10088238
Application Number:	11305839
Application Number:	09827917
Application Number:	10300668
Application Number:	08882822
Application Number:	09992790
Application Number:	10648770
Application Number:	10699162
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Application Number:	10301862
Application Number:	10247567
Application Number:	10305405
Application Number:	10416849

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Application Number:	08676023
Application Number:	08817963
Application Number:	10538977
Application Number:	10660545
Application Number:	09464033
Application Number:	10957522
Application Number:	10507792
Application Number:	10156751
Application Number:	10613986
Application Number:	10535074
Application Number:	11186901
Application Number:	10825401
Application Number:	08821537

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 Address Line 4: Madison, WISCONSIN 53703-1481

ATTORNEY DOCKET NUMBER:	088245-0102
NAME OF SUBMITTER:	Paul S. Hunter

Total Attachments: 15  
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## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Nokia Corporation, a corporation organized under the laws of Finland, with principal place of business at Keilalahdentie 4, 02150 Espoo, Finland, ("Assignor"), does hereby sell, assign, transfer, and convey unto Spyder Navigations L.L.C., a Delaware limited liability company, having an address at 1209 Orange Street, Wilmington Delaware 19801 ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents");

(b) all patents and patent applications (i) to which any of the claims priority, (ii) for which any of the Patents forms a basis for priority, and/or (iii) that were co-owned applications that incorporate by reference the Patents (excluding for this purpose mere prior art references that are not incorporation by reference);

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries to the extent that such inventions, invention disclosures and discoveries could be claimed in any of the Patents;

(g) all rights to apply in any or all countries of the world for patents, certificates of invention and utility models of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

(i) damages,

(ii) injunctive relief, and

(iii) any other remedies of any kind for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Assignor represents, warrants and covenants that:

(1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

(2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, or utility models that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

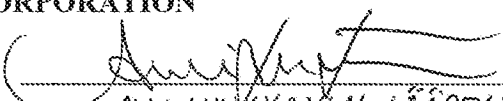

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance will include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers, and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. With prior written approval by Assignee, Assignee will pay Assignor's reasonable costs and expenses.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at ESPOO  
Finland on 22nd March 2007

**ASSIGNOR:**

**NOKIA CORPORATION**

By:    
Name: AULI LUUKKANEN-LÄÄPERI FOLKE JOHANSSON  
Title: DIRECTOR PORTFOLIOS DIRECTOR PORTFOLIOS  
(Signature MUST be witnessed)

**ATTESTATION**  
A. LUUKKANEN-LÄÄPERI AND

The undersigned witnessed the signature of JOHANSSON FOLKE to the above Assignment of Patent Rights on behalf of Nokia Corporation and makes the following statements:

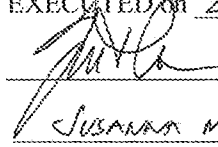
1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.  
A. LUUKKANEN-LÄÄPERI AND
2. FOLKE JOHANSSON is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 22nd March, 2007 to execute the above Assignment of Patent Rights on behalf of Nokia Corporation.

A. LUUKKAINEN-LÄÄPERI AND

3. TOMMI JOHANSSON subscribed to the above Assignment of Patent Rights on behalf of Nokia Corporation.

I declare that the foregoing is true and correct.

EXECUTED on 22nd March 2007 (date)

  
\_\_\_\_\_  
SUSANNA MÄKELÄ

Print name

Attachment:

List of patents and applications

Assignment  
Nokia Corporation

LiveAsset

NC	Country	Application Number	Patent number
963	United States	US640297	US6237561
2011	United States	US07/960396	US5352997
2013	United States	US07/960403	US5315274
2039	United States	US08/081323	US5981474
2079	United States	US08/630202	US5915219
2086	United States	US08/859417	US5953667
2134	United States	US08/481262	US5757247
2155	United States	US08/295665	US5525940
2308	United States	US08/666321	US5862492
2369	United States	US08/860883	US6006094
2375	Australia	35239/95	701594
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2375	Canada	2200308	2200308
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2375	European Patent Con	95932031.8	783826
2375	Finland	944487, 971289	96557, 114674
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2383	Canada	CA2210006	
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2971	United States	US08/836948	US6999817
3005	United States	US234398	US4912604
3015	United States	US333966	US5016002
3026	United States	US701372	US5170494
3049	United States	US493612	US5044963
3060	United States	US881475	US5265158
3185	United States	US674521	US5189698
3277	United States	US928982	US5365119



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3378	United States	US985841	US6510326
3413	United States	US942941	US5877620
3574	United States	US13775	US5406635
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6086	Great Britain	GB9202338.1	GB2264207
6107	United States	US150464	US5701594
6135	United States	US344453	US5855092
6320	United States	US08/809241	
6320	United States	US10/242533	
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6607	Great Britain	GB9425355.6	GB2296158
6679	United States	US08/596720	US5802351
6806	Japan	JP8-154656	
6806	Korea South	KR96-21565	KR371875
6809	United States	US08/745042	US5880696
6866	United States	08/689738	5940515
7182	Australia	AU41186/96	AU699810
7182	Belgium	BE95939304.2	BE801853
7182	Canada	CA2207043	
7182	China P.R.	CN95196707.X	CNZ195196707.X
7182	European Patent Conve	EP95939304.2	EP801853
7182	Finland	FI945817	FI97187
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7259	European Patent Conve	EP96308081.7	EP774750
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7259	United States	US08/735827	
7302	United States	US09/088305	US6192126
7329	Finland	FI955356	FI99063
7341	European Patent Conve	EP97301741.1	
7341	United States	US08/821537	US6170073
7752	Canada	CA2256429	
7752	China P.R.	CN2.0051E+11	
7752	China P.R.	CN98800379.1	
7752	European Patent Conve	EP98910776.8	
7752	Finland	FI971321	FI104877
7752	Hong Kong	HK100947.4	
7752	India	IN650/MAS/98	IN196457
7752	Japan	JP10-541187	JP3381926
7752	Malaysia	MYPI9801353	MY119634-A
7752	Singapore	SG9805665-8	SG60502
7752	South Africa	ZA98/2554	ZA982554
7752	United States	US09/194576	US6356759
7771	United States	US09/185765	US6442392
7829	United States	US09/146862	US6490287

NC	Country	Application Number	Patent number
7990	Finland	FI981413	FI105860
7990	United States	US09/335419	US6178249
10033	United States	US08/875041	US6002919
10549	United States	US09/430938	US6553212
10577	United States	US09/354984	US6265928
10586	United States	US09/361036	US6111464
10608	United States	US09/194830	US6345181
10615	United States	US09/194575	US6510312
10642	United States	US09/066485	US6385178
10746	United States	US09/341103	US6434393
11134	United States	US08/800328	US5987007
11147	China P.R.	CNG7198420.4	CNZL97198420.4
11369	United States	US09/786769	US6567501
11392	United States	US09/867794	US6978005
11462	United States	US09/409118	US6301347
11591	United States	US09/625346	US6775367
11592	United States	US09/625344	US6714633
11593	United States	US09/625114	US6687364
11594	United States	US09/625115	US6744870
11654	United States	US09/625260	US6535598
12026	United States	08/678,569	5887250
12279	South Africa	ZA97/6169	ZA97/6169
12279	United States	US09/242230	US6327486
12819	United States	US09/301714	US6713209
12913	United States	US09/513665	US6847803
13416	European Patent Conve	EP96931835.1	
13416	United States	US09/074243	US6380897
14009	Austria	AT98900083.1	AT1021927
14009	China P.R.	CN98901866.7	
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14066	United States	US09/420077	US6545985
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14181	Finland	FI980773	FI106606
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14503	United States	US10/049894	
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15082	Brazil	PI0014134-8	
15062	Canada	2385296	2385298
15062	China P.R.	00814545.8	ZL00814545.8

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15062	European Patent Conve	00956753.8	
15062	Korea South	7003712/2002	
15062	United States	10/058238	6978120
15140	United States	US10/327594	US7035205
15267	Austria	AT929371.3	AT1279269
15267	Canada	CA2403629	
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15468	Canada	CA2443690	
15468	China P.R.	CN02807999.X	
15468	European Patent Conve	EP2714398.1	
15468	India	IN1579/CHENP/2003	
15468	Japan	JP2002-580609	
15468	Korea South	KR7013184/2003	
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15468	United States	US09/827917	US7054945
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Assignment  
Nokia Corporation

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17498	European Patent Conve	EP4733871	
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17719	Patent Cooperation Tre	WOPCT/US2005/000244	
17765	Patent Cooperation Tre	WOPCT/IB2006/000397	
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18136	Finland	FI20031462	
18136	United States	USPCT/FI2004/000579	
18182	Brazil	BRPI9915876-8	
18182	Canada	CA2354062	CA2354062
18182	China P.R.	CN99813827.4	CNZL99813827.4
18182	European Patent Conve	EP98308854	
18182	Finland	FI982577	FI108203
18182	Japan	JP11-336821	
18182	Spain	ES200150048	ES200150048
18182	United States	US10/699162	
18182	United States	US09/447988	US6671511
18321	European Patent Conve	EP918925.9	EP1172013
18321	France	FR918925.9	FR1172013
18321	Germany	DE918925.9	DE60012168.2
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18321	United States	US09/551430	US6747989
18355	United States	US10/030352	
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18487	Canada	CA2375989	CA2375989
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18487	European Patent Conve	EP938849.7	
18487	Finland	FI992520	FI111319
18487	Japan	JP2001-504710	JP3602094
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18601	European Patent Conve	EP1943724.3	EP1305916
18601	France	FR1943724.3	FR1305916
18601	Germany	DE1943724.3	DE1305916
18601	Great Britain	GB1943724.3	GB1305916
18601	Italy	IT1943724.3	IT1305916
18601	Spain	ES1943724.3	ES1305916
18601	Switzerland	CH1943724.3	CH1305916
18601	United States	US09/609632	US6834192
18613	United States	US10/378161	
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18617	Japan	JP2001-566318	
18617	Singapore	SG200204977-3	SG91129
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19118	Germany	DE1931495.4	DE60122782.4
19118	Great Britain	GB1931495.4	GB1368947
19118	Netherlands	NL1931495.4	NL1368947
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19382	Korea South	KR7008099/2003	
19382	Mexico	MXPA/A/2003/005391	
19382	Russian Federation	RU2003121021	RU2274960
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19383	Japan	JP2003-546594	
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19746	Germany	DE3778609.2	DE60305971.6
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19746	United States	US10/318391	
19796	United States	US10/516829	
19839	Malaysia	MY20032136	
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19908	European Patent Conve	EP3797470.6	
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19926	United States	US10/355234	
19936	United States	US10/303094	
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22027	United States	US09/758749	US6441689
23282	Brazil	BRPI0111295-3	
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23282	China P.R.	CN2.0051E+11	
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25165	Japan	JP2001-086069	
25165	United States	US09/803151	US6518993
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25306	European Patent Conve	EP99948811.7	EP1116391
25306	France	FR99948811.7	FR1116391
25306	Germany	DE99948811.7	DE1116391
25306	Great Britain	GB9920859.8	GB2341963
25306	Great Britain	GB99948811.7	GB1116391
25306	Italy	IT99948811.7	IT1116391
25306	Netherlands	NL99948811.7	NL1116391
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25306	Sweden	SE99948811.7	SE1116391
25306	Switzerland	CH99948811.7	CH1116391
25306	United States	US09/404718	US6622011
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25741	China P.R.	CN2.0048E+11	
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25742	Korea South	KR2005-7022778	
25742	Russian Federation	RU2005141578	
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31983	United States	US10/507792	
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33149	United States	US10/483367	
33323	United States	US09/993654	
33361	United States	US10/195466	US7123948
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33699	Great Britain	GB115997.9	GB2376868
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35987	India	IN01302/CHENP/2005	
35987	Japan	JP2004-561543	
35987	Korea South	KR2005-7011503	
35987	Russian Federation	RU2005122921	
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36039	United States	US10/304949	
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36120	Germany	DE20216962.6	DE20216962.6
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36438	European Patent Conve	EP4734273.8	
36438	Japan	JP2006-508334	
36438	Korea South	KR20057022231	
36438	United States	US10/851465	
36643	United States	US10/660463	US7054147
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36864	European Patent Conve	EP4798282.2	
36864	Finland	FI20031666	FI116496
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36900	China P.R.	CN2.0046E+11	
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37261	Patent Cooperation Tre	WOPCT/FI2005/000305	
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37352	United States	USPCT/IB03/05531	
37469	Patent Cooperation Tre	WOPCT/FI2004/000237	
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37583	Patent Cooperation Tre	WOPCT/FI2006/000150	
37583	United States	US11/350067	
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39119	European Patent Conve	EP4736325.4	
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39143	Japan	JP2004-366834	
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39903	United States	US10/446144	
39950	European Patent Conve	EP4799037.9	
39950	India	INPCT/IB2004/004057	
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40115	Patent Cooperation Tre	WOPCT/IB2005/001834	
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40199	Patent Cooperation Tre	WOPCT/IB2005/001994	
40199	United States	US10/976895	
40258	Patent Cooperation Tre	WOPCT/FI2005/060319	
40258	United States	US11/000506	
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40469	Patent Cooperation Tre	WOPCT/IB2005/001205	
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41147	Patent Cooperation Tre	WOPCT/IB2006/050965	
41147	United States	US11/155765	
41224	Patent Cooperation Tre	WOPCT/IB2006/001555	
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42202	Germany	DE1.12004E+11	
42202	Great Britain	GB612824.3	
42202	India	IN3771/DELNP/2006	
42202	Taiwan	TW93141274	
42202	United States	US10/749662	
42239	United States	US10/925401	
42323	Patent Cooperation Tre	WOPCT/FI2004/000604	
42786	Patent Cooperation Tre	WOPCT/IB04/002933	
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42867	United States	US11/367923	
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43545	European Patent Conve	EP4769133.2	
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43883	Patent Cooperation Tre	WOPCT/IB05/001423	
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43951	European Patent Conve	EP5718216.4	
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43951	United States	US10/811229	
44235	United States	US10/838642	
44322	Finland	FIU20050139	FI7155
44322	United States	US11/403528	
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45112	United States	US10/772255	
45264	Patent Cooperation Tre	WOPCT/IB06/001747	
45264	United States	US11/169765	
46008	European Patent Conve	EP5702415	
46008	United States	US11/046805	
46696	Patent Cooperation Tre	WOPCT/IB2006/001605	
46696	United States	US11/424270	
46845	Patent Cooperation Tre	WOPCT/IB2006/003072	
46845	United States	US11/592332	
48051	United States	US10/901015	
48272	Patent Cooperation Tre	WOPCT/IB04/003253	
48272	United States	US11/246920	
48561	United States	US10/991968	
49247	United States	US11/241885	
13726	United States	08/915998	6078570
29236	United States	09/464033	6459689
29236	United States	10/957522 (Reissue)	
17021	European Patent Conve	98305055	
17021	Japan	10-178955	
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