

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court of Delaware on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.)

DOCKET NO.	DATE FILED 10/11/2019	U.S. DISTRICT COURT of Delaware
PLAINTIFF Express Mobile, Inc.		DEFENDANT Web.com Group, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 U.S. 6,546,397	4/8/2003	Express Mobile, Inc.
2 U.S. 7,594,168	9/22/2009	Express Mobile, Inc.
3 U.S. 9,063,755	6/23/2015	Express Mobile, Inc.
4 U.S. 9,471,287	10/18/2016	Express Mobile, Inc.
5 U.S. 9,928,044	3/27/2018	Express Mobile, Inc.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Central District of California _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-05097	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT INMOTION HOSTING, INC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Central District of California _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5155 GW-Ex	DATE FILED 6/13/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT ADVANTAGE AMP, INC. d/b/a AMP AGENCY
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT Order of Dismissal
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CLERK Kiry K. Gray	(BY) DEPUTY CLERK /s/ Margo Mead	DATE 1/27/2020
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.)

DOCKET NO. 1:18-cv-1173-RGA	DATE FILED 8/14/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT DREAMHOST LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY	HOLDER OF PATENT OR TRADEMARK
	<input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT <i>see attached notice of Voluntary Dismissal</i>

CLERK <i>John A. Clund</i>	(BY) DEPUTY CLERK <i>N. Selinger</i>	DATE 8/21/2019
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 129 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the District of Delaware _____ on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 1:18-cv-1174-RGA	DATE FILED 8/4/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT HILL HOLLIDAY LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above---entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above---entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT <i>see attached order</i>

CLERK <i>John A. Lewis</i>	(BY) DEPUTY CLERK <i>N. Selmyer</i>	DATE 8/9/2019
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Copy 1---Upon initiation of action, mail this copy to Director Copy 3---Upon termination of action, mail this copy to Director
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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:18-cv-1175-RGA	DATE FILED 8/1/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT HOSTWAY SERVICES, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above---entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above---entitled case, the following decision has been rendered or judgment issued:

DECISION/JUDGEMENT <i>see attached Notice of Voluntary Dismissal</i>

CLERK <i>John A. Ceuno</i>	(BY) DEPUTY CLERK <i>M. Selmye</i>	DATE 8/9/2018
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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:18-cv-1177-RGA	DATE FILED 8/9/2019	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT LIQUID WEB, LLC,
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above---entitled case, the following patent(s)/ trademark(s) have been included:

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In the above---entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT <i>see attached order</i>

CLERK <i>John A Cerro</i>	(BY) DEPUTY CLERK <i>M. Selinger</i>	DATE <i>8/9/2019</i>
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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:18-cv-1181-RGA	DATE FILED 8/4/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT NAMECHEAP INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,926,044 B2	3/27/2018	Express Mobile, Inc.
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In the above--entitled case, the following patent(s)/ trademark(s) have been included:

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PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above--entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT <i>see attached Order</i>

CLERK <i>John A Ceuno</i>	(BY) DEPUTY CLERK <i>N. Selinger</i>	DATE <i>9/16/2017</i>
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Copy 1--Upon initiation of action, mail this copy to Director Copy 3--Upon termination of action, mail this copy to Director
 Copy 2--Upon filing document adding patent(s), mail this copy to Director Copy 4--Case file copy

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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5102 GW	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT NETLANCERS INC. d/b/a INDIANIC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT Voluntary Dismissal

CLERK Kiry K. Gray	(BY) DEPUTY CLERK /s/ Margo Mead	DATE 12/16/2019
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5110 GW-Ex	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT POSSIBLE WORLDWIDE, LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,063,755 B2	6/23/2015	Express Mobile, Inc.
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PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT Voluntary Dismissal

CLERK Kiry Gray	(BY) DEPUTY CLERK /s/ Margo Mead	DATE 10/21/2019
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.)

DOCKET NO.	DATE FILED 10/11/2019	U.S. DISTRICT COURT of Delaware
PLAINTIFF Express Mobile, Inc.		DEFENDANT Web.com Group, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 U.S. 6,546,397	4/8/2003	Express Mobile, Inc.
2 U.S. 7,594,168	9/22/2009	Express Mobile, Inc.
3 U.S. 9,063,755	6/23/2015	Express Mobile, Inc.
4 U.S. 9,471,287	10/18/2016	Express Mobile, Inc.
5 U.S. 9,928,044	3/27/2018	Express Mobile, Inc.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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DECISION/JUDGEMENT

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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.)

DOCKET NO.	DATE FILED 10/11/2019	U.S. DISTRICT COURT of Delaware
PLAINTIFF Express Mobile, Inc.		DEFENDANT GoDaddy.com, LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 U.S. 6,546,397	4/8/2003	Express Mobile, Inc.
2 U.S. 7,594,168	9/22/2009	Express Mobile, Inc.
3 U.S. 9,063,755	6/23/2015	Express Mobile, Inc.
4 U.S. 9,471,287	10/18/2016	Express Mobile, Inc.
5 U.S. 9,928,044	3/27/2018	Express Mobile, Inc.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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DECISION/JUDGEMENT

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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5091 GW	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT ADD2NET, INC. d/b/a LUNARPAGES
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT NOTICE OF DISMISSAL

CLERK Kiry K Gray	(BY) DEPUTY CLERK Lori Muraoka	DATE 10/4/2019
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
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DOCKET NO. 2:19-cv-5091	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT ADD2NET, INC. d/b/a LUNARPAGES
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Central District of California _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5093	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT EVOLVE MEDIA, LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Central District of California _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5110	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT POSSIBLE WORLDWIDE, LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,063,755 B2	6/23/2015	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Central District of California _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5155	DATE FILED 6/13/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT ADVANTAGE AMP, INC. d/b/a AMP AGENCY
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: <p style="text-align: center;">Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450</p>	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Central District of California _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-05097	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT INMOTION HOSTING, INC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Central District of California _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5102	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT NETLANCERS INC. d/b/a INDIANIC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the District of Delaware _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 1:18-cv-1183-RGA	DATE FILED 8/4/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT RACKSPACE HOSTING, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT <i>See attached Order</i>

CLERK <i>John A. Cerino</i>	(BY) DEPUTY CLERK <i>n. Selinger</i>	DATE 5/29/2019
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/16)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:18-cv-1167-RGA	DATE FILED 8/27/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT BIG SPACESHIP LLC,
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,828,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT <i>see attached Notice of Voluntary Dismissal</i>

CLERK <i>John A. Cerino</i>	(BY) DEPUTY CLERK <i>R. Selmy</i>	DATE 1/30/2019
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED 3/1/2019	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF SHOPIFY INC. AND SHOPIFY (USA), INC.		DEFENDANT EXPRESS MOBILE, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 6,546,397	4/8/2003	Express Mobile
2 7,594,168	9/22/2009	Express Mobile
3 9,063,755	6/23/2015	Express Mobile
4 9,471,287	10/18/2016	Express Mobile
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
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AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the District of Delaware _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:18-cv-1181-RGA	DATE FILED 10/25/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT NAMECHEAP INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the District of Delaware _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:18-cv-1168-RGA	DATE FILED 10/11/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT BLUE STATE DIGITAL INC.,
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
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AO 120 (Rev. 08/10)

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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the District of Delaware _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:18-cv-1183-RGA	DATE FILED 10/11/2018	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT RACKSPACE HOSTING, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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AO 120 (Rev. 08/10)

TO: <p style="text-align: center;">Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450</p>	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the District of Delaware _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO.	DATE FILED 6/9/2017	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT APPGYVER INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Eastern District of Texas _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:17-cv-64	DATE FILED 1/19/2017	U.S. DISTRICT COURT for the Eastern District of Texas
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT VOLUSION, LLC and KIBO SOFTWARE, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendants Volusion, LLC and Kibo Software, Inc., in Civil Action No. 2:17-cv-64. are hereby dismissed with prejudice.
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CLERK 	(BY) DEPUTY CLERK Nakisha Love	DATE 5/12/17
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Eastern District of Texas _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:17-cv-64	DATE FILED 1/19/2017	U.S. DISTRICT COURT for the Eastern District of Texas
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT VOLUSION, LLC and KIBO SOFTWARE, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
1			
2			
3			
4			
5			

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., ISSUE DATE, PATENT NO., ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 14/708,074, 10/18/2016, 9471287, XPR.002US0C1, 8396

40280 7590 09/28/2016
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

- Steven H. Rempell, Novato, CA;
Express Mobile, Inc., Novato, CA;
David Chrobak, Clayton, CA;
Ken Brown, San Martin, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
 or **Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

40280 7590 06/30/2016
STEVEN VOSEN
 1563 SOLANO AVENUE #206
 BERKELEY, CA 94707

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name):
(Signature):
(Date):

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/708,074	05/08/2015	Steven H. Rempell	XPR.002USOC1	8396

TITLE OF INVENTION: SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	09/30/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
XIA, XUYANG	2143	715-738000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1. <u>Steven R. Vosen</u> 2. _____ 3. _____
--	---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Express Mobile, Inc. (B) RESIDENCE: (CITY and STATE OR COUNTRY) Novato, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted: <input checked="" type="checkbox"/> Issue Fee <input type="checkbox"/> Publication Fee (No small entity discount permitted) <input type="checkbox"/> Advance Order - # of Copies _____	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) <input type="checkbox"/> A check is enclosed. <input checked="" type="checkbox"/> Payment by credit card. Form PFG-2838 is attached Via EFS Website <input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).
---	---

5. Change in Entity Status (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29
 Applicant asserting small entity status. See 37 CFR 1.27
 Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
 NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
 NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Steven R. Vosen/ Date September 19, 2016
 Typed or printed name Steven R. Vosen Registration No. 45,186

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	14/708.074
	Filing Date	May 8, 2015
	First Named Inventor	Steven H. Rempell
	Art Unit	2143
	Examiner Name	Xuyang Xia
	Attorney Docket Number	XPR.002US0C1
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)				
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Issue Fee Form (1 pg)		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Remarks</td> <td>The Issue Fee is being paid in regards to the Notice of Allowance mailed on June 30, 2016</td> </tr> </table>			Remarks	The Issue Fee is being paid in regards to the Notice of Allowance mailed on June 30, 2016
Remarks	The Issue Fee is being paid in regards to the Notice of Allowance mailed on June 30, 2016			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature	/Steven R. Vosen/		
Printed name	Steven R. Vosen		
Date	September 19, 2016	Reg. No.	45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Patent Application Fee Transmittal

Application Number:	14708074			
Filing Date:	08-May-2015			
Title of Invention:	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES			
First Named Inventor/Applicant Name:	Steven H. Rempell			
Filer:	Steven R Vosen			
Attorney Docket Number:	XPR.002US0C1			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	2501	1	480	480

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				480

Electronic Acknowledgement Receipt

EFS ID:	26971121
Application Number:	14708074
International Application Number:	
Confirmation Number:	8396
Title of Invention:	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen
Filer Authorized By:	
Attorney Docket Number:	XPR.002USOC1
Receipt Date:	19-SEP-2016
Filing Date:	08-MAY-2015
Time Stamp:	19:09:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$480
RAM confirmation Number	092016INTEFSW19103300
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	XPR002USOC1_Notice_of_Allowance_Part_B_2.pdf	201351	no	1
			516c5470ca4d6907a21697c4178f0e3ab44990a3		

Warnings:

Information:

2	Transmittal Letter	XPR002USOC1_Transmittal_Form.pdf	178853	no	1
			42a363fbec0318cfa07c46d0599d1b76e71e538b		

Warnings:

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	30234	no	2
			45fd55a3376b53fdbcdf4aa6f0ee540a35027637f		

Warnings:

Information:

Total Files Size (in bytes):	410438
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

40280 7590 06/30/2016
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

EXAMINER

XIA, XUYANG

ART UNIT PAPER NUMBER

2143

DATE MAILED: 06/30/2016

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
14/708,074 05/08/2015 Steven H. Rempell XPR.002US0C1 8396

TITLE OF INVENTION: SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE
nonprovisional SMALL \$480 \$0 \$0 \$480 09/30/2016

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

40280 7590 06/30/2016
STEVEN VOSEN
 1563 SOLANO AVENUE #206
 BERKELEY, CA 94707

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/708,074	05/08/2015	Steven H. Rempell	XPR.002US0C1	8396

TITLE OF INVENTION: SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	09/30/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
XIA, XUYANG	2143	715-738000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1 _____</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. _____ 2 _____</p> <p>_____ 3 _____</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 14/708,074, 05/08/2015, Steven H. Rempell, XPR.002US0C1, 8396
Row 2: 40280, 7590, 06/30/2016, [EXAMINER], []
Row 3: STEVEN VOSEN, 1563 SOLANO AVENUE #206, BERKELEY, CA 94707, [XIA, XUYANG], []
Row 4: [ART UNIT], [PAPER NUMBER]
Row 5: [2143], []
Row 6: DATE MAILED: 06/30/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Examiner-Initiated Interview Summary	Application No. 14/708,074	Applicant(s) REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2143	

All participants (applicant, applicant's representative, PTO personnel):

- (1) XUYANG XIA. (3) _____.
(2) Steven Vosen. (4) _____.

Date of Interview: 15 June 2016.

Type: Telephonic Video Conference
 Personal [copy given to: applicant applicant's representative]

Exhibit shown or demonstration conducted: Yes No.
If Yes, brief description: _____.

Issues Discussed 101 112 102 103 Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1, 12 and 31-34.

Identification of prior art discussed: N/A.

Substance of Interview

(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Discussed how to amend the claims to correct the 112 lack of antecedent basis issue, intended use and intended result, etc. claim languages and discussed the newly added dependent claims 31-34 and their supports in specification paragraphs [0049] [0089], etc. Authorization to do the examiner's amendment is given during the interview to put the case in condition for allowance.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

/XUYANG XIA/
Examiner, Art Unit 2143

Notice of Allowability	Application No. 14/708,074	Applicant(s) REPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2143	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to communication filed on 7/16/2015 and telephone interview on 6/15/2016.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-22 and 29-34. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) All b) Some *c) None of the:
1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>8/4/2015</u> 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material 4. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20160620</u>. | <ol style="list-style-type: none"> 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 7. <input type="checkbox"/> Other _____. |
|---|---|

/XUYANG XIA/
Examiner, Art Unit 2143

/JENNIFER TO/
Supervisory Patent Examiner, Art Unit 2143

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Steven R. Vosen, Registration No. 45,186 on 6/6/2016, 6/15/2016.
3. The claims in the following had been amended as:

Claim 1: (Currently Amended) A system for generating code to provide content on a display of a device, said system comprising:

computer memory storing a registry of:

a) symbolic names required for evoking one or more web components each related to a set of inputs and outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, where each symbolic name has an associated data format class type corresponding to a subclass of User Interface (UI) objects that support the data format type of the symbolic name, and has a preferred UI object, and

b) ~~the~~ an address of the web service;

an authoring tool configured to:

define a (UI) object for presentation on the display,

where said defined UI object corresponds to ~~the~~ a web component included in said registry selected from ~~the~~ a group consisting of an input of the web service and an output of the web service, where each defined UI object is either: 1) selected by a user of the authoring tool; or 2) automatically selected by the system as the preferred UI object corresponding to the symbolic name of ~~a~~ the web component selected by ~~a~~ the user of the authoring tool,

access said computer memory to select the symbolic name corresponding to the web component of the defined UI object,

associate the selected symbolic name with the defined UI object, where the selected symbolic name is only available to UI objects that support the defined data format associated with that symbolic name, and

produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code; and

a Player, where said Player is a device-dependent code, ~~such that~~ wherein, when the Application and Player are provided to the device and executed on the device, and when ~~a~~ the user of the device provides one or more input values associated with an input symbolic name to an input of the defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for ~~a~~ the display of the device to present an output value in the defined UI object.

Claim 12: (Currently Amended) A method of displaying content on a display of a device ~~utilizing a registry of one or more web components related to inputs and outputs of a web service obtainable over a network, where each web component includes a plurality of symbolic names of inputs and outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service, and~~ having a Player, where said Player is a device-dependent code, said method comprising:

defining a user interface (UI) object for presentation on the display, where said UI object corresponds to a web component included in ~~said~~ a registry of one or more web components selected from ~~the~~ a group consisting of an input of ~~the~~ a web service and an output of the web service, where each web component includes a plurality of

symbolic names of inputs and outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and outputs of the web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) an address of the web service, and where each defined UI object is either: 1) selected by a user of the an authoring tool; or 2) automatically selected by the a system as the a preferred UI object corresponding to the a symbolic name of a the web component selected by a the user of the authoring tool;

selecting a the symbolic name from said web component corresponding to the defined UI object, where the selected symbolic name has an associated data format class type corresponding to a subclass of ~~User Interface (UI)~~ objects that support the data format type of the symbolic name, and has a the preferred UI object;

associating the selected symbolic name with the defined UI object; and

producing an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code, ~~such that~~ wherein, when the Application and Player are provided to the device and executed on the device, and when a the user of the device provides one or more input values associated with an input symbolic name to an input of the defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a the display of the device to present an output value in the defined UI object.

Claim 31 (New): The system of Claim 1, where said Player is activated and runs in a web browser.

Claim 32 (New): The method of Claim 12, where said Player is activated and runs in a web browser.

Claim 33: (New): The system of Claim 1, where said Player is a native program.

Claim 34: (New): The method of Claim 12, where said Player is a native program.

4. The following is an examiner's statement of reasons for allowance:

The prior arts of record including the newly cited prior arts when taken individually or in combination do not expressly teach or render obvious the limitations recited in claims 1, 12, specifically an authoring tool configured to: define a (UI) object for presentation on the display, where said defined UI object corresponds to a web component included in said registry selected from a group consisting of an input of the web service and an output of the web service, where each defined UI object is either: 1) selected by a user of the authoring tool; or 2) automatically selected by the system as the preferred UI object corresponding to the symbolic name of the web component selected by the user of the authoring tool, access said computer memory to select the symbolic name corresponding to the web component of the defined UI object, associate the selected symbolic name with the defined UI object, where the selected symbolic name is only available to UI objects that support the defined data format associated with that symbolic name, and produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code; and a Player, where said Player is a device-dependent code, wherein, when the Application and Player are provided to the device and executed on the device, and when the user of the device provides one or more input values associated with an input symbolic name to an input of the defined UI object, 1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service, 2) the web service utilizes the input symbolic name and the user provided one or more input values

for generating one or more output values having an associated output symbolic name,
3) said Player receives the output symbolic name and corresponding one or more
output values and provides instructions for the display of the device to present an output
value in the defined UI object **when taken in the context of the claims as a whole.**

At best the previous prior arts of record, specifically **McCain (U.S. 2005/0273705)** discloses a method and system for automatically creating network software applications. An existing web-site is visited on a communications network. New electronic content and new functionality is added. Electronic content and functionality for a new web-site is automatically re-generated. A brand new web-site can also be created using one or more pre-existing solutions available from a solutions database. Electronic content and functionality for a new web-site is automatically re-generated selected solutions. The method and system described here provides a tool set used to rapidly and automatically develop web-based applications. The method and system is used for automatically designing, implementing and deploying a new web-site or web-site application or enhancing existing web-sites or web-site applications. (Abstract, Fig. 1, [0081], [0113]) and **Shenfield et al. (US 2004/0199614)** discloses a system and method of creating and communicating with wireless component applications. Mobile communication devices communicate with a web service via a wireless network, the Internet, and optionally a message-map service. Each wireless component application is executed by a component framework on one of the mobile communication devices, and comprises data components, presentation components, message components, and workflow components. The component framework executes the component application

in an application container which provides access to framework services which include a communication service, a screen service, a persistence service, an access service, a provisioning service, and a utility service. Messages can be sent from the component application to the message-map service, which converts each of the messages to a format required by the web service using an application message-map, and then sends the message to the web service. The web service sends a response to the message-map service, which converts the response to the format required by the wireless component application, and sends the response to the wireless component application. (Abstract, Fig. 2, [0026] [0027] [0028] [0033])

Stina Nylander et al. "The Ubiquitous Interactor- Device Independent Access to Mobile Services" (Computer-Aided Design for User Interfaces IV, Proceedings of the Fifth International Conference on Computer-Aided Design of User Interfaces CADUI'2004, January 2004, pp 271-282) (Chapter 22, 4. Design, 4.1 Interaction Acts, 4.2 Controlling the presentation) discloses a system, the Ubiquitous Interactor which addresses the problems of design and development arising around services that need to be accessed from many different devices. In Ubiquitous Interactor, the same service can present different user interfaces on different devices by separating user-service interaction from presentation. The interaction is kept the same for all devices, and different presentation information is provided for different devices. This way, tailored user interfaces for many different devices can be created without multiplying development and maintenance work. Interaction is defined as actions that services present to users, as well as preformed user actions, described in a modality

independent way. By describing the user-service interaction this way, the interaction can be kept the same regardless of device used to access a service. The interaction is expressed in interaction acts that are exchanged between services and devices, User interfaces are generated based on interaction acts and additional presentation information. In UBI, presentation information is specified separately from user-service interaction. This allows for changes and updates in the presentation information without changing the service.

In addition, neither a reference uncovered that would have provided a basis of evidence for asserting a motivation, nor one of ordinary skilled in the art at the time the invention was made, knowing the teaching of the prior arts of record would have combined them to arrive at the present invention as recited in the context of independent claims 1, 12 and as a whole.

Thus, claims 1, 12 are allowed over the prior arts of record.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to XUYANG XIA whose telephone number is (571)270-3045. The examiner can normally be reached on Monday-Friday 7:30am-5pm, every other Friday off.

Application/Control Number: 14/708,074
Art Unit: 2143

Page 11

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jennifer To can be reached on (571)272-7212. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

/XUYANG XIA/

Examiner, Art Unit 2143

/JENNIFER TO/

Supervisory Patent Examiner, Art Unit 2143

Examiner-Initiated Interview Summary	Application No. 14/708,074	Applicant(s) REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2143	

All participants (applicant, applicant's representative, PTO personnel):

- (1) XUYANG XIA. (3) _____.
(2) Steven Vosen. (4) _____.

Date of Interview: 15 June 2016.

Type: Telephonic Video Conference
 Personal [copy given to: applicant applicant's representative]

Exhibit shown or demonstration conducted: Yes No.
If Yes, brief description: _____.

Issues Discussed 101 112 102 103 Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1, 12 and 31-34.

Identification of prior art discussed: N/A.

Substance of Interview

(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Discussed how to amend the claims to correct the 112 lack of antecedent basis issue, intended use and intended result, etc. claim languages and discussed the newly added dependent claims 31-34 and their supports in specification paragraphs [0049] [0089], etc. Authorization to do the examiner's amendment is given during the interview to put the case in condition for allowance.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

/XUYANG XIA/
Examiner, Art Unit 2143

Notice of References Cited	Application/Control No. 14/708,074	Applicant(s)/Patent Under Reexamination REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2143	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2005/0273705 A1	12-2005	McCain, Robert C.	G06F17/24	715/234
*	B	US-2004/0199614 A1	10-2004	Shenfield, Michael	H04L29/06	709/220
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Stina Nylander et al. "The Ubiquitous Interactor- Device Independent Access to Mobile Services" (Computer-Aided Design for User Interfaces IV, Proceedings of the Fifth International Conference on Computer-Aided Design of User Interfaces CADUI'2004, January 2004, pp 271-282)
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	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.


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BIB DATA SHEET
CONFIRMATION NO. 8396

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO. XPR.002US0C1		
14/708,074	05/08/2015	715	2143			
APPLICANTS Express Mobile, Inc., Novato, CA; INVENTORS Steven H. Rempell, Novato, CA; David Chrobak, Clayton, CA; Ken Brown, San Martin, CA; ** CONTINUING DATA ***** This application is a CON of 12/936,395 11/03/2010 PAT 9063755 which is a 371 of PCT/US2009/039695 04/06/2009 which claims benefit of 61/123,438 04/07/2008 and claims benefit of 61/113,471 11/11/2008 and claims benefit of 61/166,651 04/03/2009 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 05/15/2015						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/XUYANG XIA/</u> Examiner's Signature		<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY CA	SHEETS DRAWINGS 18	TOTAL CLAIMS 24 28	INDEPENDENT CLAIMS 2
ADDRESS STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES						
FILING FEE RECEIVED 960	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit			

PTO/SB/08a (07-09)
 Approved for use through 07/31/2012. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>	<p style="text-align: center; font-weight: bold; margin: 0;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Application Number</td> <td style="padding: 2px;">14/708,074</td> </tr> <tr> <td style="padding: 2px;">Filing Date</td> <td style="padding: 2px;">May 8, 2015</td> </tr> <tr> <td style="padding: 2px;">First Named Inventor</td> <td style="padding: 2px;">Steven H. Rempell</td> </tr> <tr> <td style="padding: 2px;">Art Unit</td> <td style="padding: 2px;">2447</td> </tr> <tr> <td style="padding: 2px;">Examiner Name</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Attorney Docket Number</td> <td style="padding: 2px;">XPR.002US0C1</td> </tr> </table>	Application Number	14/708,074	Filing Date	May 8, 2015	First Named Inventor	Steven H. Rempell	Art Unit	2447	Examiner Name		Attorney Docket Number	XPR.002US0C1
Application Number	14/708,074												
Filing Date	May 8, 2015												
First Named Inventor	Steven H. Rempell												
Art Unit	2447												
Examiner Name													
Attorney Docket Number	XPR.002US0C1												
Sheet 1 of 2													

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2004/0055017 A1	03-18-2004	Deipuch et al.	
		US- 2004/0163020 A1	08-19-2004	David Sidman	
		US- 2005/0149935 A1	07-07-2005	Fabio Benedetti	
		US- 2005/0273705 A1	12-08-2005	Robert C. McCain	
		US- 2006/0063518 A1	03-23-2006	Paddon et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Xuyang Xia/	Date Considered	06/20/2016
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /X.X./

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	14/708,074
		Filing Date	May 8, 2015
		First Named Inventor	Steven H. Rempell
		Art Unit	2447
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	XPR.002US0C1	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Stina Nylander et al. "The Ubiquitous Interactor- Device Independent Access to Mobile Services" (Computer-Aided Design for User Interfaces IV, Proceedings of the Fifth International Conference on Computer-Aided Design of User Interfaces CADUI'2004, January 2004, pp 271-282)	
		International Search Report and Written Opinion – PCT/US2009/039695 – August 21, 2009	
		International Preliminary Report on Patentability and Written Opinion – PCT/US2009/039695 – October 21, 2010	
	C1	Rempell et al, co-pending US Patent Application Number 14/708,087, filed May 8, 2015	
	C2	Rempell et al, co-pending US Patent Application Number 14/708,094, filed May 8, 2015	
	C3	Rempell et al, co-pending US Patent Application Number 14/708,097, filed May 8, 2015	
	C4	Rempell et al, co-pending US Patent Application Number 14/708,100, filed May 8, 2015	
	C5	Rempell et al, co-pending US Patent Application Number 14/708,108, filed May 8, 2015	

Examiner Signature	/Xuyang Xia/	Date Considered	06/20/2016
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Issue Classification 	Application/Control No. 14708074	Applicant(s)/Patent Under Reexamination REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2143	

CPC						
Symbol					Type	Version
G06F		8		34	F	2013-01-01
H04L		67		02	I	2013-01-01
G06F		3		04842	I	2013-01-01
G06F		3		0482	I	2013-01-01
H04L		65		60	I	2013-01-01
H04L		51		046	I	2013-01-01
G06F		9		4443	I	2013-01-01


CPC Combination Sets					
Symbol		Type	Set	Ranking	Version

/XUYANG XIA/ Examiner.Art Unit 2143 (Assistant Examiner)	06/20/2016 (Date)	Total Claims Allowed: 28	
/JENNIFER TO/ Supervisory Patent Examiner.Art Unit 2143 (Primary Examiner)	06/21/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure Fig. 1A

Issue Classification 	Application/Control No. 14708074	Applicant(s)/Patent Under Reexamination REMPELL ET AL.
	Examiner XUYANG XIA	Art Unit 2143

US ORIGINAL CLASSIFICATION					INTERNATIONAL CLASSIFICATION										
CLASS		SUBCLASS			CLAIMED				NON-CLAIMED						
					G	0	6	F	3 / 048 (2013.01.01)						
CROSS REFERENCE(S)					H	0	4	L	51 / 046						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)														

/XUYANG XIA/ Examiner.Art Unit 2143 (Assistant Examiner)	06/20/2016 (Date)	Total Claims Allowed: 28	
/JENNIFER TO/ Supervisory Patent Examiner.Art Unit 2143 (Primary Examiner)	06/21/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure Fig. 1A

Issue Classification 	Application/Control No. 14708074	Applicant(s)/Patent Under Reexamination REMPELL ET AL.
	Examiner XUYANG XIA	Art Unit 2143

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input checked="" type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47									
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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2	2	21	18	28	34										
3	3	22	19												
4	4	23	20												
5	5	24	21												
6	6	25	22												
7	7		23												
8	8		24												
9	9		25												
10	10		26												
11	11		27												
15	12		28												
16	13	12	29												
17	14	26	30												
18	15	13	31												
19	16	27	32												

/XUYANG XIA/ Examiner.Art Unit 2143 (Assistant Examiner)	06/20/2016 (Date)	Total Claims Allowed: 28	
/JENNIFER TO/ Supervisory Patent Examiner.Art Unit 2143 (Primary Examiner)	06/21/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure Fig. 1A

Index of Claims 	Application/Control No. 14708074	Applicant(s)/Patent Under Reexamination REMPELL ET AL.
	Examiner XUYANG XIA	Art Unit 2143

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE									
Final	Original	06/20/2016									
1	1	=									
2	2	=									
3	3	=									
4	4	=									
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12	29	=									
26	30	=									
13	31	=									
27	32	=									
14	33	=									
28	34	=									

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	13	("2004/0220998").URPN.	USPAT	AND	ON	2016/06/20 10:13
L14	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and (text or character or string) (address with web) and @ad<"20080407" G06F3/048.cpc.	US-PGPUB; USPAT	AND	ON	2016/06/20 10:05
L12	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" G06F3/048.cpc.	US-PGPUB; USPAT	AND	ON	2016/06/20 10:04
L10	0	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same (player or engine or present\$6) same web near5 service with (component or element or object) format\$ with (name or identifier or ID or parameter or value) and @ad<"20080407" G06F3/048.cpc.	US-PGPUB; USPAT; USOCR	AND	ON	2016/06/20 10:03
L9	3	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same (player or engine or present\$6) same web near5 service with (component or element or object) format\$ with (name or identifier or ID or parameter or value) and @ad<"20080407"	US-PGPUB; USPAT; USOCR	AND	ON	2016/06/20 10:02
L8	3	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same (player or engine or present\$6) same web near5 service with (component or element or object) format\$ with (name or identifier or ID) and @ad<"20080407"	US-PGPUB; USPAT; USOCR	AND	ON	2016/06/20 10:02
L7	5	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same (player or engine or present\$6) same web near5 service with (component or element or object) and @ad<"20080407" format\$	US-PGPUB; USPAT; USOCR	AND	ON	2016/06/20 10:00
L5	6	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or	US-PGPUB; USPAT;	AND	ON	2016/06/20 09:49

		instruction) same (player or engine or present\$6) same web near5 service with (component or element or object) and @ad<"20080407"	USOCR			
L3	0	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same (player or engine or present\$6) same web near5 service same (user near3 interface) with (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2016/06/20 09:47
L2	65	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2016/06/20 09:46
L1	5	("20040055017" "20040163020" "20050149935" "20050273705" "20060063518").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2016/06/20 09:37
S153	4	"9063755"	US-PGPUB; USPAT	OR	ON	2016/06/10 09:51
S152	5	"12936395"	US-PGPUB; USPAT; USOCR	AND	ON	2016/06/06 14:40
S151	5	("20040055017" "20040163020" "20050149935" "20050273705" "20060063518").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2016/05/24 10:32
S146	0	(device or machine or platform) with independent same (player or engine or present\$6 or interpret\$4) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:14
S145	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:13
S144	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/048.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:13
S143	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and 715/738.ccls. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:12
S142	3	(device or machine or platform) with	US-	AND	ON	2015/04/16

		independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas. (text or character or string) (address with web)	US-PGPUB; USPAT			10:10
S141	3	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas. (text or character) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:10
S140	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas. character (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:09
S139	2	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas. character address	US-PGPUB; USPAT	AND	ON	2015/04/16 10:08
S138	7	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas.	US-PGPUB; USPAT	AND	ON	2015/04/16 10:07
S137	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and 715/738.ccls	US-PGPUB; USPAT	AND	ON	2015/04/16 10:07
S136	65	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/04/16 10:06
S135	1406	(device or machine) near5 (dependent or independent) web near5 service and (user adj interface) with (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/04/16 10:04
S134	1	"12936395"	US-PGPUB; USPAT	OR	ON	2015/04/16 09:12
S133	2	"20050149935"	US-PGPUB; USPAT	OR	ON	2015/04/16 09:09
S132	1	"20050273705"	US-PGPUB; USPAT	OR	ON	2015/04/16 09:04
S131	47	(distribut\$ or releas\$4) same (device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service)	US-PGPUB; USPAT	AND	ON	2015/03/18 14:07

		same (engine or player or interpre\$4) and @ad<"20080407" not S129 not S130				
S130	21	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same (engine or player) and @ad<"20080407" not S129	US-PGPUB; USPAT	AND	ON	2015/03/18 14:07
S129	101	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/18 14:07
S128	23	@ad<"20080407" (release\$4 or distribut\$4) with (application or software) same (web near5 service) same (UI or (user adj interface)) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/18 13:58
S127	130181	@ad<"20080407" (release\$4 or distribut\$4) with mobile same (web near5 service) same UI or (user adj interface) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/18 13:57
S126	705538	@ad<"20080407" (release\$4 or distribut\$4) with mobile same UI or (user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/18 13:56
S125	32	("2008/0127179").URPN.	USPAT	OR	ON	2015/03/18 13:43
S124	33	@ad<"20080407" (web near3 service) with mobile same (upgrad\$4 or patch\$4)	US-PGPUB; USPAT	AND	ON	2015/03/18 11:34
S123	0	@ad<"20080407" distribut\$4 same (web near3 service) with mobile same (upgrad\$4 or patch\$4)	US-PGPUB; USPAT	AND	ON	2015/03/18 11:34
S122	299	@ad<"20080407" distribut\$4 same (web near3 service) with mobile	US-PGPUB; USPAT	AND	ON	2015/03/18 11:33
S121	11	@ad<"20080407" (portable or interoperab\$4) same (web near3 service) with mobile and ("715".clas. or "345".clas.)	US-PGPUB; USPAT	AND	ON	2015/03/18 11:32
S120	18	@ad<"20080407" portable same (web near3 service) with mobile (UI or user adj interface) near5 (element or object or component)	US-PGPUB; USPAT	AND	ON	2015/03/17 17:49
S119	95	@ad<"20080407" portable same (web near3 service) with mobile	US-PGPUB; USPAT	AND	ON	2015/03/17 17:47
S118	30	("2007/0118844").URPN.	USPAT	OR	ON	2015/03/17 16:04
S117	99	@ad<"20080407" (application and (engine or player or interpret\$5)) same (web near4 service) same (UI or (user adj interface)) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/17 15:36
S116	5	@ad<"20080407" mobile same (application and (engine or player or interpret\$5)) same (web near4 service) same (UI or (user adj interface)) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/17 15:28

S115	355	@ad<"20080407" mobile same (application and (engine or player or interpret\$5)) same (web near4 service)	US-PGPUB; USPAT	AND	ON	2015/03/17 15:27
S114	74	@ad<"20080407" and (independent or generic or cross-platform or (non\$1device or non\$1machine or non\$1platform) adj specific or interopera\$4) same (web near3 service) same (player or engine or interpret\$6) not (UI or (user adj interface)) near5 (object or component or element) registry author\$6	US-PGPUB; USPAT	AND	ON	2015/03/17 15:00
S113	62	@ad<"20080407" and (independent or generic or cross-platform or (non\$1device or non\$1machine or non\$1platform) adj specific) same (web near3 service) same (player or engine or interpret\$6) not (UI or (user adj interface)) near5 (object or component or element) registry author\$6	US-PGPUB; USPAT	AND	ON	2015/03/17 14:59
S112	610	@ad<"20080407" (web near3 service) same (player or engine or interpret\$6) not (UI or (user adj interface)) near5 (object or component or element) registry author\$6	US-PGPUB; USPAT	AND	ON	2015/03/17 14:54
S111	1540	@ad<"20080407" (web near3 service) same (player or engine or interpret\$6) not S108 not S109 (UI or (user adj interface)) near5 (object or component or element)	US-PGPUB; USPAT	AND	ON	2015/03/17 14:53
S110	7303	@ad<"20080407" (web near3 service) same (player or engine or interpret\$6) not S108 not S109	US-PGPUB; USPAT	AND	ON	2015/03/17 14:52
S109	71	@ad<"20080407" (input and output) with (web near3 service) (player or engine) with (specific or dependent) not S108	US-PGPUB; USPAT	AND	ON	2015/03/17 14:52
S108	69	@ad<"20080407" (input and output) with (web near3 service) same (player or engine)	US-PGPUB; USPAT	AND	ON	2015/03/17 14:52
S107	7	@ad<"20080407" (player or engine) with (invok\$4 or interpret\$5) same (device or platform or system) near5 (independent or generic) (web near5 service) same (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:45
S106	4	@ad<"20080407" (player or engine) with (invok\$4 or interpret\$5) same (device or platform or system) near5 (independent or generic) same (web near5 service) (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:41
S105	0	@ad<"20080407" (player or engine) with (invok\$4 or interpret\$5) same (application) with (device or platform or system) near5 (independent or generic) same (web near5 service) (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:41
S104	125	@ad<"20080407" (player or engine) with (invok\$4 or interpret\$5) same (web near5 service) (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:39
S103	161	@ad<"20080407" (player or engine) with (invok\$4 or interpret\$5) same (web near5 service)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:39
S102	0	@ad<"20080407" (player or engine) with interpret\$4 same (web near5 service)	US-PGPUB;	AND	ON	2015/03/17 10:37

			USPAT			
S101	1	"12936395"	US-PGPUB; USPAT	AND	ON	2015/03/17 10:29
S100	17	@ad<"20080407" (input and output) with (web near3 service) same (player or engine or invoc\$4) (UI or (user near5 interface)) near5 (component or element or object) not S94 not S97	US-PGPUB; USPAT	AND	ON	2015/03/16 16:53
S99	113	@ad<"20080407" (input and output) with (web near3 service) same (player or engine or invoc\$4) not S94 not S97	US-PGPUB; USPAT	AND	ON	2015/03/16 16:52
S98	98	@ad<"20080407" (input and output) with (web near3 service) (player or engine or invoc\$4) with (specific or dependent) not S94 not S97	US-PGPUB; USPAT	AND	ON	2015/03/16 16:50
S97	71	@ad<"20080407" (input and output) with (web near3 service) (player or engine) with (specific or dependent) not S94	US-PGPUB; USPAT	AND	ON	2015/03/16 16:39
S96	110	@ad<"20080407" (input and output) with (web near3 service) (player or engine) with (specific or dependent)	US-PGPUB; USPAT	AND	ON	2015/03/16 16:39
S95	3	("2006/0047668").URPN.	USPAT	OR	ON	2015/03/16 16:29
S94	69	@ad<"20080407" (input and output) with (web near3 service) same (player or engine)	US-PGPUB; USPAT	AND	ON	2015/03/16 15:48
S93	5	@ad<"20080407" (input or output) with (web near5 service) same (engine or player or invoc\$4 or activat\$4 or trigg\$4) with (user near3 interface or UI) near5 (object or component or element)	US-PGPUB; USPAT	AND	ON	2015/03/16 15:00
S92	5	@ad<"20080407" (input or output) with (web near5 service) same (engine or player or invoc\$4 or activat\$4 or trigger) with (user near3 interface or UI) near5 (object or component or element)	US-PGPUB; USPAT	AND	ON	2015/03/16 15:00
S91	86	(format\$4 or input\$4 or output\$4) with (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:36
S90	32	(engine or interpret\$4 or activa\$5 or trigg\$4 or invoc\$4 or player) same format\$4 same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:24
S89	330	(engine or interpret\$4 or activa\$5 or trigg\$4 or invoc\$4 or player) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:23
S88	3	(engine or interpret\$4 or activa\$5 or trigg\$4 or invoc\$4) same (device or system or platform or machine) with (dependent or specific) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/16 14:22

		not S72 not S79				
S87	2	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4) with (device or system or platform or machine) with (dependent or specific) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:21
S86	2	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4) with (device or system or platform or machine) near5 (dependent or specific) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:21
S85	0	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4) with (device or system or platform or machine) near5 (dependent or specific) same (web near3 service) with (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:20
S84	3	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4 or invok\$4) same (user near3 interface) near5 (object or element or component) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:16
S83	2	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4) same (user near3 interface) near5 (object or element or component) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:09
S82	0	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4) same (user near3 interace) near5 (object or element or component) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:09
S81	396	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:08
S80	31	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same (engine or player or interpre\$4) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:03
S79	52	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or	US-PGPUB; USPAT	AND	ON	2015/03/16 14:02

		inter\$1chang\$4) with (web near3 service) same (engine or player or interpre\$4) and @ad<"20080407" not S72				
S78	21	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same (engine or player) and @ad<"20080407" not S72	US-PGPUB; USPAT	AND	ON	2015/03/16 13:24
S77	14	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S72	US-PGPUB; USPAT	AND	ON	2015/03/16 13:24
S76	45	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S73	US-PGPUB; USPAT	AND	ON	2015/03/16 13:23
S75	31	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S73	US-PGPUB; USPAT	AND	ON	2015/03/16 13:20
S74	0	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S72	US-PGPUB; USPAT	AND	ON	2015/03/16 13:20
S73	70	(device or system or platform or machine) near5 (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/16 11:42
S72	101	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/16 11:42
S71	4	("2008/0288918").URPN.	USPAT	OR	ON	2015/03/16 11:39
S70	99	(device or system or platform) with (in\$1dependent or dependent or specific or inter\$opera\$6) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/16 11:21
S69	4	("2006/0063518").URPN.	USPAT	OR	ON	2015/03/16 11:16
S68	31	("2008/0127179").URPN.	USPAT	OR	ON	2015/03/16 11:13
S67	1	"12936395"	US-PGPUB; USPAT	AND	ON	2015/03/16 10:13
S66	1	"12936395"	US-PGPUB; USPAT	AND	ON	2015/03/16 10:10
S65	53	@ad<"20080407" (web near3 service) with (machine or device) near5 (independent)	US-PGPUB;	AND	ON	2015/02/27 11:23

		(trigg\$4 or activat\$4 or play\$4)	USPAT			
S64	78	@ad<"20080407" (web near3 service) with (machine or device) near5 (independent)	US-PGPUB; USPAT	AND	ON	2015/02/27 11:21
S63	0	@ad<"20080407" (web near3 service) with (machine or device) near5 (independent) (machine or device) near5 dependent with (trigger\$4 or activat\$4 or rule\$4 or play\$4)	US-PGPUB; USPAT	AND	ON	2015/02/27 11:21
S62	23	@ad<"20080407" (web near3 service) device near5 (independent and dependent) with (code or software or application)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:51
S61	72	@ad<"20080407" (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria)(user adj interface) near5 object same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:29
S60	3	@ad<"20080407" portable with (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria)(user adj interface) same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:28
S59	0	@ad<"20080407" portable near5 (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria)(user adj interface) same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:28
S58	0	@ad<"20080407" portable near5 (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria) user adj interface same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:28
S57	7	@ad<"20080407" (trigger\$4 or activat\$4) with (application or software or UI) same (input or output) with (web near3 service) mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:31
S56	294	@ad<"20080407" (trigger\$4 or activat\$4) with (application or software or UI) same web near3 service mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:28
S55	4238	@ad<"20080407" (trigger\$4 or activat\$4) with (application or software or UI) mobile web near3 service	US-PGPUB; USPAT	AND	ON	2015/02/26 16:27
S54	53	@ad<"20080407" player with (trigger\$4 or activat\$4) with (application or software or UI) mobile web near3 service	US-PGPUB; USPAT	AND	ON	2015/02/26 16:26
S53	458	@ad<"20080407" player with (trigger\$4 or activat\$4) with (application or software or UI) mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:26
S52	1	"12936395" player with (trigger\$4 or activat\$4) with (application or software or UI) mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:26
S51	2	@ad<"20080407" and author\$4 mobile same (software or application)	US-PGPUB; USPAT	AND	ON	2015/02/26 16:22
S50	2	"20060063518"	US-PGPUB; USPAT	AND	ON	2015/02/26 15:59
S49	2	"20050149935"	US-	AND	ON	2015/02/26

			PGPUB; USPAT			15:58
S48	1	"20050273705"	US- PGPUB; USPAT	AND	ON	2015/02/26 15:58
S47	1	"12936395"	US- PGPUB; USPAT	AND	ON	2015/02/26 15:56
S46	1	"13614974"	US- PGPUB; USPAT	AND	ON	2015/02/26 14:55
S45	1	"12936395"	US- PGPUB; USPAT	OR	ON	2015/02/26 14:49
S44	2	"20030233349"	US- PGPUB; USPAT	OR	ON	2013/10/01 15:53
S43	6	("2005/0149935").URPN.	USPAT	OR	ON	2013/10/01 15:12
S42	5	symbolic\$4 near5 name web adj service registry database @ad< "20080507" not S40	US- PGPUB; USPAT	AND	ON	2013/10/01 15:11
S41	74	symbolic\$4 near5 name web adj service registry database @ad< "20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:11
S40	69	symbolic\$4 adj name web adj service registry database @ad< "20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:04
S39	189	symbolic\$4 adj name web adj service @ad< "20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:04
S38	1771	symbolic\$4 adj name @ad< "20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:04
S37	0	symbolic adj name same web adj service registry same database and @ad< "20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:03
S36	0	symboloc adj name same web adj service registry and @ad< "20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:03
S35	0	symboloc adj name web adj service registry and @ad< "20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:03
S34	3	"20040163020"	US- PGPUB; USPAT	AND	ON	2013/06/04 15:41
S33	239	authoring adj tool web adj service mobile user adj interface	US- PGPUB; USPAT	AND	ON	2013/03/12 16:42
S32	266	authoring adj tool web adj service mobile	US- PGPUB; USPAT	AND	ON	2013/03/12 16:42
S31	633	authoring adj tool web adj service	US- PGPUB; USPAT	AND	ON	2013/03/12 16:42
S30	1589	authoring adj tool web adj server	US- PGPUB;	AND	ON	2013/03/12 16:42

			USPAT			
S29	4940	authoring adj tool	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S28	9	authoring adj applications mobile adj device registry database	US-PGPUB; USPAT	AND	ON	2013/03/12 16:31
S27	9	"12271692"	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S26	0	"12271692".ap.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S25	0	"12271692".ad.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S24	1	database registry web adj service same (input or output) user adj interface application player authoring wysiwyg	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S23	64	database registry web adj service same (input or output) user adj interface application player authoring	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S22	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S21	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S20	1143	database registry web adj service same (input or output)	US-PGPUB; USPAT	AND	ON	2013/03/12 16:10
S19	23	(machine or device) adj independent adj (code or program or application) same content not S18	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S18	15	(machine or device) adj independent adj (code or program or application) same web same content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S17	15	(device) adj independent adj (code or program or application) same web same content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:08
S16	2	(device) adj independent adj (code or program or application) same object same content video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S15	2	(device) adj independent adj (code or program or application) same object same content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S14	361	(device) adj independent adj (code or program or application) object content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:05
S13	51	(device) adj independent adj (code or program or application) object content network server video chat	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S12	397	(device) adj independent adj (code or program or application) object content network server	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S11	428	(device) adj independent adj (code or program or application) object content	US-PGPUB;	AND	ON	2012/09/11 15:02

			USPAT			
S10	687	(machine or device) adj independent adj (code or program or application) object content	US- PGPUB; USPAT	AND	ON	2012/09/11 15:02
S9	1052	(machine or device) adj independent adj (code or program or application)	US- PGPUB; USPAT	AND	ON	2012/09/11 15:02
S8	0	(machine or device) adj independent adj (code or program or application)	US- PGPUB; USPAT	AND	ON	2012/09/11 15:02
S7	0	independent adj application adj code	US- PGPUB; USPAT	AND	ON	2012/09/11 14:52
S6	0	device adj independent adj application adj code	US- PGPUB; USPAT	AND	ON	2012/09/11 14:52
S5	32	chat web service object phone (SMS adj address) author\$4 input output	US- PGPUB; USPAT	AND	ON	2012/09/11 09:39
S4	3507	chat web service object phone SMS	US- PGPUB; USPAT	AND	ON	2012/09/11 09:38
S3	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S2	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S1	1	"20050273705"	US- PGPUB; USPAT	AND	ON	2012/09/11 09:34


EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and (text or character or string) (address with web) and @ad<"20080407" G06F3/048.cpc.	US- PGPUB; USPAT	AND	ON	2016/06/20 10:05
L13	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" G06F3/048.cpc.	US- PGPUB; USPAT	AND	ON	2016/06/20 10:04
L11	0	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same (player or engine or present\$6) same web near5 service with (component or element or object) format\$ with (name or identifier or ID or parameter or value) and @ad<"20080407" G06F3/048.cpc.	US- PGPUB; USPAT	AND	ON	2016/06/20 10:03
L6	6	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same	US- PGPUB; USPAT	AND	ON	2016/06/20 09:58

		(player or engine or present\$6) same web near5 service with (component or element or object) and @ad<"20080407"				
L4	0	(device or machine or platform or computer or mobile) with independent near5 (code or software or program or instruction) same (player or engine or present\$6) same web near5 service same (user near3 interface) with (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2016/06/20 09:48
S150	0	(device or machine or platform) with independent same (player or engine or present\$6 or interpret\$4) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:14
S149	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:14
S148	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and 715/738.ccls. character (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:10
S147	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas. character (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:09

6/ 20/ 2016 10:29:59 AM

C:\Users\xxia\Documents\EAST\Workspaces\14708074.wsp

Search Notes 	Application/Control No. 14708074	Applicant(s)/Patent Under Reexamination REMPELL ET AL.
	Examiner XUYANG XIA	Art Unit 2143

CPC- SEARCHED		
Symbol	Date	Examiner
G06F3/048	6/20/2016	xx

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Name Search for Double Patenting	6/20/2016	xx
EAST Search	6/20/2016	xx
Consulted with Jennifer To	6/20/2016	xx
Interference Search	6/20/2016	xx
NPL (IEEE) Search	6/20/2016	xx

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
G06F3	/048	6/20/2016	xx

/XUYANG XIA/ Examiner.Art Unit 2143	
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Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed		PTO/SB/25 U.S. Patent and Trademark Office Department of Commerce
Electronic Petition Request	TERMINAL DISCLAIMER TO OBIVATE A PROVISIONAL DOUBLE PATENTING REJECTION OVER A PENDING "REFERENCE" APPLICATION	
Application Number	14708074	
Filing Date	08-May-2015	
First Named Inventor	Steven Rempell	
Attorney Docket Number	XPR.002US0C1	
Title of Invention	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES	
<input checked="" type="checkbox"/> Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action <input checked="" type="checkbox"/> This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.		
Owner	Percent Interest	
Express Mobile, Inc.	100%	
<p>The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending reference Application Number(s)</p> <p>14708087 filed on 05/08/2015 14708094 filed on 05/08/2015</p> <p>as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.</p> <p>In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said reference application, "as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application," in the event that any such patent granted on the pending reference application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.</p>		
<input checked="" type="radio"/> Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.		

I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

- Small Entity
- Micro Entity
- Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

- An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 45186
- A sole inventor
- A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application
- A joint inventor; all of whom are signing this request

Signature	/Steven R. Vosen/
Name	Steven R. Vosen

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	14708074			
Filing Date:	08-May-2015			
Title of Invention:	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES			
First Named Inventor/Applicant Name:	Steven H. Rempell			
Filer:	Steven R Vosen			
Attorney Docket Number:	XPR.002US0C1			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Statutory or Terminal Disclaimer	2814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 14708074

Filing Date: 08-May-2015

Applicant/Patent under Reexamination: Rempell et al.

Electronic Terminal Disclaimer filed on June 16, 2016

APPROVED

This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	26077909
Application Number:	14708074
International Application Number:	
Confirmation Number:	8396
Title of Invention:	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen
Filer Authorized By:	
Attorney Docket Number:	XPR.002USOC1
Receipt Date:	16-JUN-2016
Filing Date:	08-MAY-2015
Time Stamp:	13:13:41
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$160
RAM confirmation Number	061616INTEFSW13133900
Deposit Account	5508
Authorized User	Steven Vosen

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Electronic Terminal Disclaimer-Filed	eTerminal-Disclaimer.pdf	36731 eb20d873bed3e3ad2213c99fe440b81200e98533	no	2

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30474 d9806b26c41d75a6f3b4ba68a6c1d392160512f4	no	2
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Warnings:

Information:

Total Files Size (in bytes):			67205		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed		U.S. Patent and Trademark Office Department of Commerce
Electronic Petition Request	TERMINAL DISCLAIMER TO OBIVATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	
Application Number	14708074	
Filing Date	08-May-2015	
First Named Inventor	Steven Rempell	
Attorney Docket Number	XPR.002US0C1	
Title of Invention	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES	
<input checked="" type="checkbox"/> Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action <input checked="" type="checkbox"/> This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.		
Owner	Percent Interest	
Express Mobile, Inc.	100%	
<p>The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)</p> <p>9063755</p> <p>as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.</p> <p>In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:</p> <ul style="list-style-type: none"> - expires for failure to pay a maintenance fee; - is held unenforceable; - is found invalid by a court of competent jurisdiction; - is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321; - has all claims canceled by a reexamination certificate; - is reissued; or - is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer. <p><input checked="" type="radio"/> Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.</p>		

I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

- Small Entity
- Micro Entity
- Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

- An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 45186
- A sole inventor
- A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application
- A joint inventor; all of whom are signing this request

Signature	/Steven R. Vosen/
Name	Steven R. Vosen

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	14708074			
Filing Date:	08-May-2015			
Title of Invention:	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES			
First Named Inventor/Applicant Name:	Steven H. Rempell			
Filer:	Steven R Vosen			
Attorney Docket Number:	XPR.002US0C1			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Statutory or Terminal Disclaimer	2814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 14708074

Filing Date: 08-May-2015

Applicant/Patent under Reexamination: Rempell et al.

Electronic Terminal Disclaimer filed on June 14, 2016

APPROVED

This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	25992668
Application Number:	14708074
International Application Number:	
Confirmation Number:	8396
Title of Invention:	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen
Filer Authorized By:	
Attorney Docket Number:	XPR.002USOC1
Receipt Date:	14-JUN-2016
Filing Date:	08-MAY-2015
Time Stamp:	13:41:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$160
RAM confirmation Number	061416INTEFSW13414000
Deposit Account	5508
Authorized User	Steven Vosen

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Electronic Terminal Disclaimer-Filed	eTerminal-Disclaimer.pdf	33604 a66531dd0c3d14b2e26dc50b718aff61f92a19c0	no	2

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30464 e262a28d4107a7085b0e0af8e18ed5bfa66ec9b3	no	2
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Warnings:

Information:

Total Files Size (in bytes):	64068
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/708,074	05/08/2015	Steven H. Rempell	XPR.002USOC1	8396
40280	7590	06/08/2016	EXAMINER	
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707			XIA, XUYANG	
			ART UNIT	PAPER NUMBER
			2143	
			MAIL DATE	DELIVERY MODE
			06/08/2016	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Examiner-Initiated Interview Summary	Application No. 14/708,074	Applicant(s) REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2143	

All participants (applicant, applicant's representative, PTO personnel):

- (1) XUYANG XIA. (3) _____.
- (2) Steven Vosen. (4) _____.

Date of Interview: 06 June 2016.

Type: Telephonic Video Conference
 Personal [copy given to: applicant applicant's representative]

Exhibit shown or demonstration conducted: Yes No.
If Yes, brief description: _____.

Issues Discussed 101 112 102 103 Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1 and 12.

Identification of prior art discussed: N/A.

Substance of Interview

(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

This application is a continuation of application no. 12/936395 which is patented already. And there are 2 more related continuation cases 14708087, 14708094. These 4 cases are obvious double patenting between each other in all the cases. Therefore all 3 cases (14708074, 14708087, 14708094) are required to file terminal disclaimers. Also discussed how to amend the claims to avoid 112 issues: such as lack of antecedent basis, etc, intended use functional language, etc. issues. Once the TD are received, approved and also the claims amended to clear all the issues, the cases will be allowed. The agreement is reached to file the TD and amend the claims to put all 3 cases in condition for allowance.

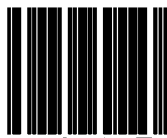
Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

/XUYANG XIA/
Examiner, Art Unit 2143

Office of Petitions: Routing Sheet



2 1 4 3

Application No. 14/708,074

This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application, as indicated below. For details of this decision, please see the document PET.OP.DEC filed on the same date as this document.

GRANTED

DISMISSED

DENIED

Office of Petitions: Decision Count Sheet

Mailing Month

Application No.

14708074



For US serial numbers: enter number only, no slashes or commas. Ex: 10123456

For PCT: enter "51+single digit of year of filing+last 5 numbers", Ex. for PCT/US05/12345, enter 51512345

Deciding Official:

Paul Shanoski

Count (1) - Palm Credit

14/708,074

Decision: GRANT

FINANCE WORK NEEDED

Select Check Box for YES



Decision Type: 601 - TO MAKE APPLICATION SPECIAL ON GROUND OF



Notes:

Count (2)

Decision: n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type: NONE

Notes:

Count (3)

Decision: n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type: NONE

Notes:

Initials of Approving Official (if required)

If more than 3 decisions, attach 2nd count sheet & mark this box

Printed on: 5/10/2016

Office of Petitions Internal Document - Ver. 5.0



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/708,074	05/08/2015	Steven H. Rempell	XPR.002USOC1	8396
40280	7590	05/12/2016	EXAMINER	
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707			TO, JENNIFER N	
			ART UNIT	PAPER NUMBER
			2143	
			MAIL DATE	DELIVERY MODE
			05/12/2016	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of Rempell et al.
Application No. 14/708,074
Filed: May 8, 2015
Attorney Docket No.: XPR.002US0C1
Title: SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES
DECISION ON PETITION PURSUANT TO 37 C.F.R. § 1.102(c)(1)

This is a decision on the petition pursuant to 37 C.F.R. § 1.102(c)(1), filed July 16, 2015, to make the above-identified application special.

The petition requests that the above-identified application be made special based on age.

37 C.F.R. § 1.102(c)(1) sets forth, in pertinent part:

A petition to make an application special may be filed without a fee if the basis for the petition is...[t]he applicant's age or health...

MPEP § 708.02(II) sets forth, in toto:

APPLICANT'S AGE

An application may be made special upon filing a petition including any evidence showing that the applicant is 65 years of age, or more, such as applicant's statement or a statement from a registered practitioner that he or she has evidence that the applicant is 65 years of age or older. No fee is required with such a petition. See 37 CFR 1.102(c).

Personal/medical information submitted as evidence to support the petition will be available to the public if the application file and contents are available to the public pursuant to 37 CFR 1.11 or 1.14. If applicant does not wish to have this information become part of the application file record, the information must be submitted pursuant to MPEP § 724.02.

Art Unit: OPET

Petitioner has supplied a statement from a registered practitioner that he has evidence that the first-listed joint inventor is 65 years of age or older.

It follows this petition pursuant to 37 C.F.R. § 1.102(c)(1) is **GRANTED**.

The application will retain its special status throughout its entire course of prosecution in the Patent and Trademark Office, including appeal, if any, to the Board of Patent Appeals and Interferences, subject only to diligent prosecution by the applicant.

The Technology Center will be notified of this decision, and jurisdiction over this application is transferred to the Technology Center, so that the application may receive further processing. The Technology Center's support staff will notify the Examiner of this decision, so that the present application can receive expedited prosecution.

Telephone inquiries regarding *this decision* should be directed to the undersigned at (571) 272-3225.¹ All other inquiries concerning examination procedures or status of the application should be directed to the Technology Center.

/Paul Shanoski/
Paul Shanoski
Attorney Advisor
Office of Petitions

¹ Petitioner will note that all practice before the Office should be in writing, and the action of the Office will be based exclusively on the written record in the Office. See 37 C.F.R. § 1.2. As such, Petitioner is reminded that no telephone discussion may be controlling or considered authority for Petitioner's further action(s).



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Table with 4 columns: APPLICATION NUMBER (14/708,074), FILING OR 371(C) DATE (05/08/2015), FIRST NAMED APPLICANT (Steven H. Rempell), and ATTY. DOCKET NO./TITLE (XPR.002US0C1)

CONFIRMATION NO. 8396

PUBLICATION NOTICE

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707



Title:SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES

Publication No.US-2015-0317130-A1

Publication Date:11/05/2015

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 14/708,074, 05/08/2015, 2143, 960, XPR.002US0C1, 24, 2

CONFIRMATION NO. 8396

CORRECTED FILING RECEIPT

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707



Date Mailed: 08/20/2015

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Steven H. Rempell, Novato, CA;
David Chrobak, Clayton, CA;
Ken Brown, San Martin, CA;

Applicant(s)

Express Mobile, Inc., Novato, CA;

Power of Attorney: The patent practitioners associated with Customer Number 40280

Domestic Priority data as claimed by applicant

This application is a CON of 12/936,395 11/03/2010 PAT 9063755
which is a 371 of PCT/US2009/039695 04/06/2009
which claims benefit of 61/123,438 04/07/2008
and claims benefit of 61/113,471 11/11/2008
and claims benefit of 61/166,651 04/03/2009

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access - A proper Authorization to Permit Access to Application by Participating Offices (PTO/SB/39 or its equivalent) has been received by the USPTO.

If Required, Foreign Filing License Granted: 05/15/2015

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/708,074**

Projected Publication Date: 11/05/2015

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES

Preliminary Class

715

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steven H. Rempell	
Application No.: 14/708,074	
Filed: May 8, 2014	Art Unit: 2447
Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES	
Attorney Docket No.: XPR.002US0C1	

PETITION TO CORRECT FILING RECEIPT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is an official petition requesting the United States Patent and Trademark Office to correct the Official Filing Receipt mailed on May 18, 2015 and the Updated Filing Receipt mailed on July 24, 2015 in connection to the above-referenced case. Please make the following correction:

Change the title from:

SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE
DEVICES

To:

SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES

This amendment was filed on July 16, 2015 in Response to Missing Parts.

Respectfully submitted,

By /Steven R. Vosen/
Steven Vosen

Reg. No. 45,186

Date: August 12, 2015

Telephone No. 510-841-4711

Electronic Acknowledgement Receipt

EFS ID:	23190101
Application Number:	14708074
International Application Number:	
Confirmation Number:	8396
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0C1
Receipt Date:	12-AUG-2015
Filing Date:	08-MAY-2015
Time Stamp:	15:17:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0C1_Transmittal_Form.pdf	153802 <small>0b59388748071b37b30836a21a65096f2d7655</small>	no	1

Warnings:

Information:

2	Request for Corrected Filing Receipt	XPR002US0C1_Transmittal_Petition_to_Correct_Filing_Receipt.pdf	66409 61f2fbdd1062b4a8200484a4fa0039af66df432	no	1
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Warnings:

Information:

Total Files Size (in bytes):

220211

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1>TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p>	Application Number	14/708,074
	Filing Date	May 8, 2015
	First Named Inventor	Steven H. Rempell
	Art Unit	2447
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	XPR.002US0C1
Total Number of Pages in This Submission		

ENCLOSURES <i>(Check all that apply)</i>				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Petition to Correct Filing Receipt (1pg)		
<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Remarks</td> <td></td> </tr> </table>			Remarks	
Remarks				

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature	/Steven R. Vosen/		
Printed name	Steven R. Vosen		
Date	August 12, 2015	Reg. No.	45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	14/708,074
		Filing Date	May 8, 2015
		First Named Inventor	Steven H. Rempell
		Art Unit	2447
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	XPR.002US0C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Stina Nylander et al. "The Ubiquitous Interactor- Device Independent Access to Mobile Services" (Computer-Aided Design for User Interfaces IV, Proceedings of the Fifth International Conference on Computer-Aided Design of User Interfaces CADUI'2004, January 2004, pp 271-282)	
		International Search Report and Written Opinion – PCT/US2009/039695 – August 21, 2009	
		International Preliminary Report on Patentability and Written Opinion – PCT/US2009/039695 – October 21, 2010	
	C1	Rempell et al, co-pending US Patent Application Number 14/708,087, filed May 8, 2015	
	C2	Rempell et al, co-pending US Patent Application Number 14/708,094, filed May 8, 2015	
	C3	Rempell et al, co-pending US Patent Application Number 14/708,097, filed May 8, 2015	
	C4	Rempell et al, co-pending US Patent Application Number 14/708,100, filed May 8, 2015	
	C5	Rempell et al, co-pending US Patent Application Number 14/708,108, filed May 8, 2015	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference XPR.002WO0	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2009/039695	International filing date (<i>day/month/year</i>) 06 APRIL 2009 (06.04.2009)	(Earliest) Priority Date (<i>day/month/year</i>) 07 APRIL 2008 (07.04.2008)
Applicant EXPRESS MOBILE, INC. et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

the international application in the language in which it was filed

a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II)

3. **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 2A

as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figure is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/039695

A. CLASSIFICATION OF SUBJECT MATTER		
<i>G06F 9/44(2006.01)i, G06F 17/00(2006.01)i, G06Q 50/00(2006.01)i</i>		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC: G06F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Utility models and applications for utility models since 1975 Japanese Utility models and applications for utility models since 1975		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) "component", "object", "application"		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005-0273705 A1 (MCCAIN, R. C.) 08 December 2005 See Abstract, Paragraphs [0015, 0041-0044, 0071-0084], Claim 1, Figures 1-14 and their descriptions.	1-28
A	US 2007-0250606 A1 (TSEHLLIN, A. et al.) 25 October 2007 See Abstract, Paragraph [0038] and Claim 1.	1-28
A	US 2002-0194219 A1 (BRADLEY, G. W. et al.) 19 December 2002 See Abstract, Paragraphs [0039-0047] and Claim 1.	1-28
A	US 2002-0083097 A1 (WARRINGTON, S. P.) 27 June 2002 See Abstract and Paragraphs [0022-0025].	1-28
A	US 2007-0118844 A1 (HUANG, J. et al.) 24 May 2007 See Abstract and Paragraphs [0006-0008, 0058].	1-28
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "T" document published prior to the international filing date but later than the priority date claimed "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 21 AUGUST 2009 (21.08.2009)		Date of mailing of the international search report 21 AUGUST 2009 (21.08.2009)
Name and mailing address of the ISA/KR  Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer LEE, Sang Hun Telephone No. 82-42-481-5914 

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2009/039695

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005-0273705 A1	08.12.2005	None	
US 2007-0250606 A1	25.10.2007	None	
US 2002-0194219 A1	19.12.2002	CA 2381832 A1 CA 2344074 A1 US 2008-0098291 A1 US 7,313,757 B2	17.10.2002 17.10.2002 24.04.2008 25.12.2007
US 2002-0083097 A1	27.06.2002	CA 2322594 C CA 2322594 A1 US 7,194,682 B2	11.01.2005 06.04.2002 20.03.2007
US 2007-0118844 A1	24.05.2007	WO 2007-061926 A2 WO 2007-061926 A3	31.05.2007 07.05.2009

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:
VOSEN, STEVEN R.

1563 SOLANO AVE., #206 BERKELEY CA 94707 USA

PCT

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

Date of mailing
(day/month/year) **21 AUGUST 2009 (21.08.2009)**

Applicant's or agent's file reference
XPR.002W00

FOR FURTHER ACTION
See paragraph 2 below

International application No. PCT/US2009/039695	International filing date (day/month/year) 06 APRIL 2009 (06.04.2009)	Priority date(day/month/year) 07 APRIL 2008 (07.04.2008)
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International Patent Classification (IPC) or both national classification and IPC

G06F 9/44(2006.01)i, G06F 17/00(2006.01)i, G06Q 50/00(2006.01)i

Applicant
EXPRESS MOBILE, INC. et al

- This opinion contains indications relating to the following items:
 - Box No. I Basis of the opinion
 - Box No. II Priority
 - Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
 - Box No. IV Lack of unity of invention
 - Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
 - Box No. VI Certain documents cited
 - Box No. VII Certain defects in the international application
 - Box No. VIII Certain observations on the international application
- FURTHER ACTION**
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/220.
- For further details, see notes to Form PCT/ISA/220.

 Name and mailing address of the ISA/KR Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302 -701, Republic of Korea Facsimile No. 82-42-472-7140	Date of completion of this opinion 21 AUGUST 2009 (21.08.2009)	Authorized officer LEE, Sang Hun Telephone No.82-42-481-5914
		

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US2009/039695

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of :
 - the international application in the language in which it was filed
 - a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))
2. This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material
 - on paper
 - in electronic form
 - c. time of filing/furnishing
 - contained in the international application as filed.
 - filed together with the international application in electronic form.
 - furnished subsequently to this Authority for the purposes of search.
4. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2009/039695

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-28	YES
	Claims	None	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-28	NO
Industrial applicability (IA)	Claims	1-28	YES
	Claims	None	NO

2. Citations and explanations :

Reference is made to the following document:

D1: US 2005-0273705 A1 (MCCAIN, R. C.) 08 December 2005

1. Novelty and Inventive Step

1.1 Independent claim 1

Claim 1 is a system for generating code to provide content on a display of a platform, said system comprising: a database of web services obtainable over a network; an authoring tool configured to: define an object for presentation on the display, select a component of a web service included in said database, associate said object with said selected component, and produce code that, when executed on the platform, provides said selected component on the display of the platform.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 1, discloses a network software design application creating system, comprising in combination: a project manager for automatically gathering, organizing and tracking resources for building web-based applications and for allowing switching between design related tasks and project management tasks; a solution engine for automatically integrating new application interfaces, specialized objects, parameters, system files, processes and functional components; an object engine for automatically managing the implementation of specialized objects; a component engine for automatically processing instructions, parameters, scripts, schemas, mark-up language tags, binaries including images, executables, and specialized objects, for storing plural component definition units in a mark-up language format, for automatically generating new software instructions necessary to create new user interfaces, reference system components, data base connections and communication protocol connections; an interface design tool for automatically integrating a markup language editor with word processing-like features, a source code editor, spell checker, and support for images, audio clips, video clips and scripts; a specialized web-browser with a template generator engine for automatically capturing a look, feel, content and functionality of any existing web-site and for storing any captured electronic information as an automatically generated template in a project; an objectizer for creating new specialized objects and for modifying existing specialized objects; and one or more database for storing specialized objects, projects and templates (See claim 1 of D1).

Claim 1 differs from D1 in that claim 1 describes an authoring tool.

However, the authoring tool of claim 1 is merely a variation of the straightforward combination of the project manager, the solution engine, the object engine, the component engine, the interface design tool, the specialized web-browser with a template generator engine and the objectizer of D1 and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 1 lacks an inventive step under PCT Article 33(3).

1.2 Dependent claims 2-11

Claims 2-11 are dependent on claim 1. The features added by claims 2-11 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1).

Therefore, claims 2-11 are considered to lack an inventive step under PCT Article 33(3).

(Continued on Supplemental Box)

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box V

1.3 Independent claim 12

The technical feature of claim 12 is the same except the category aspect of the technical feature of claim 1.

Consequently, the subject matter of claim 12 is considered to lack an inventive step under PCT Article 33(3).

1.4 Dependent claims 13-22

Claims 13-22 are dependent on claim 12. The features added by claims 13-22 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 13-22 are considered to lack an inventive step under PCT Article 33(3).

1.5 Independent claim 23

Claim 23 is a method for providing information to a platform on a network, said method comprising: accepting a first code over the network, where said first code is platform-dependent; providing a second code over the network, where said second code is platform-independent; and executing said first code and said second code on the platform to provide web components obtained over the network.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 23, discloses a network software design application creating system (See claim 1 of D1.).

Claim 23 differs from D1 in that claim 23 describes a platform-dependent code and a platform-independent code.

However, the difference is merely a variation of the resources for building web-based applications, the new application interfaces, the specialized objects, the parameters, the system files, the functional components, the instructions, the new user interfaces, the reference system components, the binaries, the images, the audio clips, the video clips and the scripts disclosed in D1 (See claim 1 of D1.), and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 23 lacks an inventive step under PCT Article 33(3).

1.6 Dependent claims 24-28

Claims 24-28 are dependent on claim 23. The features added by claims 24-28 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 24-28 are considered to lack an inventive step under PCT Article 33(3).

2. Industrial Applicability

Claims 1-28 are industrially applicable under PCT Article 33(4).

ADVANCE E-MAIL

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION CONCERNING
TRANSMITTAL OF COPY OF INTERNATIONAL
PRELIMINARY REPORT ON PATENTABILITY
(CHAPTER I OF THE PATENT COOPERATION
TREATY)
(PCT Rule 44bis.1(c))

To:

VOSEN, Steven, R.
1563 Solano Ave., #206
Berkeley, CA 94707
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 21 October 2010 (21.10.2010)		IMPORTANT NOTICE	
Applicant's or agent's file reference XPR.002WO0			
International application No. PCT/US2009/039695	International filing date (day/month/year) 06 April 2009 (06.04.2009)	Priority date (day/month/year) 07 April 2008 (07.04.2008)	
Applicant EXPRESS MOBILE, INC. et al			

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Authorized officer <p style="text-align: center;">Philippe Becamel</p> e-mail: pt12.pct@wipo.int
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference XPR.002WO0	FOR FURTHER ACTION		See item 4 below
International application No. PCT/US2009/039695	International filing date (<i>day/month/year</i>) 05 April 2009 (06.04.2009)	Priority date (<i>day/month/year</i>) 07 April 2008 (07.04.2008)	
International Patent Classification (8th edition unless older edition indicated): See relevant information in Form PCT/ISA/237			
Applicant EXPRESS MOBILE, INC.			

<p>1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.</p>																								
<p>3. This report contains indications relating to the following items:</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table> <p>4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).</p>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
<input checked="" type="checkbox"/>	Box No. I	Basis of the report																						
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<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement																						
<input type="checkbox"/>	Box No. VI	Certain documents cited																						
<input type="checkbox"/>	Box No. VII	Certain defects in the international application																						
<input type="checkbox"/>	Box No. VIII	Certain observations on the international application																						

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. +41 22 338 82 70</p>	<p>Date of issuance of this report 12 October 2010 (12.10.2010)</p>
	<p>Authorized officer Philippe Becamel</p> <p>e-mail: pt12 pct@wipo.int</p>

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:
VOSEN, STEVEN R.

1563 SOLANO AVE., #206 BERKELEY CA 94707 USA

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing
(day/month/year) **21 AUGUST 2009 (21.08.2009)**

Applicant's or agent's file reference XPR.002W00	FOR FURTHER ACTION See paragraph 2 below
---	--

International application No. PCT/US2009/039695	International filing date (day/month/year) 06 APRIL 2009 (06.04.2009)	Priority date(day/month/year) 07 APRIL 2008 (07.04.2008)
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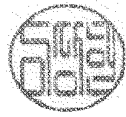
International Patent Classification (IPC) or both national classification and IPC

G06F 9/44(2006.01)i, G06F 17/00(2006.01)i, G06Q 50/00(2006.01)i

Applicant
EXPRESS MOBILE, INC. et al

- This opinion contains indications relating to the following items:
 - Box No. I Basis of the opinion
 - Box No. II Priority
 - Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
 - Box No. IV Lack of unity of invention
 - Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
 - Box No. VI Certain documents cited
 - Box No. VII Certain defects in the international application
 - Box No. VIII Certain observations on the international application
- FURTHER ACTION**
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/220.
- For further details, see notes to Form PCT/ISA/220.

 Name and mailing address of the ISA/KR Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302 -701, Republic of Korea Facsimile No. 82-42-472-7140	Date of completion of this opinion 21 AUGUST 2009 (21.08.2009)	Authorized officer LEE, Sang Hun Telephone No.82-42-481-5914	
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WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US2009/039695

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of :
 - the international application in the language in which it was filed
 - a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))
2. This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material
 - on paper
 - in electronic form
 - c. time of filing/furnishing
 - contained in the international application as filed.
 - filed together with the international application in electronic form.
 - furnished subsequently to this Authority for the purposes of search.
4. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2009/039695

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-28	YES
	Claims	None	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-28	NO
Industrial applicability (IA)	Claims	1-28	YES
	Claims	None	NO

2. Citations and explanations :

Reference is made to the following document:

D1: US 2005-0273705 A1 (MCCAIN, R. C.) 08 December 2005

1. Novelty and Inventive Step

1.1 Independent claim 1

Claim 1 is a system for generating code to provide content on a display of a platform, said system comprising: a database of web services obtainable over a network; an authoring tool configured to: define an object for presentation on the display, select a component of a web service included in said database, associate said object with said selected component, and produce code that, when executed on the platform, provides said selected component on the display of the platform.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 1, discloses a network software design application creating system, comprising in combination: a project manager for automatically gathering, organizing and tracking resources for building web-based applications and for allowing switching between design related tasks and project management tasks; a solution engine for automatically integrating new application interfaces, specialized objects, parameters, system files, processes and functional components; an object engine for automatically managing the implementation of specialized objects; a component engine for automatically processing instructions, parameters, scripts, schemas, mark-up language tags, binaries including images, executables, and specialized objects, for storing plural component definition units in a mark-up language format, for automatically generating new software instructions necessary to create new user interfaces, reference system components, data base connections and communication protocol connections; an interface design tool for automatically integrating a markup language editor with word processing-like features, a source code editor, spell checker, and support for images, audio clips, video clips and scripts; a specialized web-browser with a template generator engine for automatically capturing a look, feel, content and functionality of any existing web-site and for storing any captured electronic information as an automatically generated template in a project; an objectizer for creating new specialized objects and for modifying existing specialized objects; and one or more database for storing specialized objects, projects and templates (See claim 1 of D1).

Claim 1 differs from D1 in that claim 1 describes an authoring tool.

However, the authoring tool of claim 1 is merely a variation of the straightforward combination of the project manager, the solution engine, the object engine, the component engine, the interface design tool, the specialized web-browser with a template generator engine and the objectizer of D1 and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 1 lacks an inventive step under PCT Article 33(3).

1.2 Dependent claims 2-11

Claims 2-11 are dependent on claim 1. The features added by claims 2-11 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1).

Therefore, claims 2-11 are considered to lack an inventive step under PCT Article 33(3).

(Continued on Supplemental Box)

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box V

1.3 Independent claim 12

The technical feature of claim 12 is the same except the category aspect of the technical feature of claim 1.

Consequently, the subject matter of claim 12 is considered to lack an inventive step under PCT Article 33(3).

1.4 Dependent claims 13-22

Claims 13-22 are dependent on claim 12. The features added by claims 13-22 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 13-22 are considered to lack an inventive step under PCT Article 33(3).

1.5 Independent claim 23

Claim 23 is a method for providing information to a platform on a network, said method comprising: accepting a first code over the network, where said first code is platform-dependent; providing a second code over the network, where said second code is platform-independent; and executing said first code and said second code on the platform to provide web components obtained over the network.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 23, discloses a network software design application creating system (See claim 1 of D1.).

Claim 23 differs from D1 in that claim 23 describes a platform-dependent code and a platform-independent code.

However, the difference is merely a variation of the resources for building web-based applications, the new application interfaces, the specialized objects, the parameters, the system files, the functional components, the instructions, the new user interfaces, the reference system components, the binaries, the images, the audio clips, the video clips and the scripts disclosed in D1 (See claim 1 of D1.), and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 23 lacks an inventive step under PCT Article 33(3).

1.6 Dependent claims 24-28

Claims 24-28 are dependent on claim 23. The features added by claims 24-28 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 24-28 are considered to lack an inventive step under PCT Article 33(3).

2. Industrial Applicability

Claims 1-28 are industrially applicable under PCT Article 33(4).

Electronic Acknowledgement Receipt

EFS ID:	23101454
Application Number:	14708074
International Application Number:	
Confirmation Number:	8396
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0C1
Receipt Date:	04-AUG-2015
Filing Date:	08-MAY-2015
Time Stamp:	17:16:46
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0C1_Transmittal_Form.pdf	163369 <small>dea03fabdcaad3bf031af5c7ca5b2f5498c2e83b5</small>	no	1

Warnings:

Information:

2	Transmittal Letter	XPR002US0C1_IDS_Statement.pdf	91867 6ce271830d399cba54474c1f7162c7dbfdd538fe	no	1
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Form (SB08)	XPR002US0C1_IDS_SB_08ab.pdf	213447 52f17786cd45ec8d4c59dc2ab00d693fba86869	no	2
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
4	Non Patent Literature	XPR002US0_Stina_Nylander.pdf	14536777 a1da246a19109669073a2d301427047e9c28614	no	12
Warnings:					
Information:					
5	Non Patent Literature	XPR002WO_ISR_Written_Opinion_2009_08_21.pdf	6996407 bb7ea6ee0589e922dd58dab6fc354d36cd713fe	no	7
Warnings:					
Information:					
6	Non Patent Literature	XPR002WO_Preliminary_Report_Written_Opinion_2010_10_12.pdf	5804506 e2997f9758c1fe0289632415196ae8c7a7b737e7	no	6
Warnings:					
Information:					
Total Files Size (in bytes):			27806373		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	14/708,074
	Filing Date	May 8, 2015
	First Named Inventor	Steven H. Rempell
	Art Unit	2447
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	XPR.002US0C1
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature	/Steven R. Vosen/		
Printed name	Steven R. Vosen		
Date	August 3, 2015	Reg. No.	45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Steven H. Rempell	Application No.:	14/708,074
Filed:	May 8, 2015	Group Art Unit:	2447
Examiner:	Not Yet Assigned	Docket No.:	XPR.002US0C1
Title:	SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE DEVICES		

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.56 AND §§1.97-1.98**

Assistant Commissioner for Patents
Washington, DC 20231

Dear Commissioner:

The citations listed on the attached form are submitted under 37 CFR §§1.97 and 1.98, and in compliance with the duty of disclosure as defined in 37 CFR §1.56. This Information Disclosure Statement (“IDS”) is being filed: under 37 CFR 1.97(b), that is, before the First Office Action on the Merits and thus no fee or statement is required.

In addition, the attached forms include a listing, as citations C1-C5, of Co-pending and Co-owned United States Patent Applications which the Applicant wishes to bring to the attention of the Examiner, as these may be “material to patentability” of the application in question.

Applicant directs the Examiner to these references to consider whether the subject matter claimed, now or as may be amended in the future, as well as the associated prosecution history, now or in the future, may be relevant to the patentability of the present application.

The Examiner is requested to make these citations officially of record in the application. This IDS Under 37 C.F.R. §1.56 is not to be construed as a representation that any of the listed citations establishes, by itself or in combination with other information, a *prima facie* case of unpatentability of any claim in the above-identified application. Additionally, this IDS is not to be construed as a representation that a further search of the art has been made by Applicants, or that additional information relevant to the examination of this application does not exist unbeknownst to Applicants.

August 3, 2015

Respectfully submitted,

/Steven R. Vosen/

1563 Solano Ave., #206
Berkeley, CA 94705
Tel: (510) 841-4711; Fax: (510) 280-2984

Steven R. Vosen
Registration No. 45,186



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/708,074	05/08/2015	Steven H. Rempell	XPR.002US0C1

CONFIRMATION NO. 8396

POA ACCEPTANCE LETTER

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707



Date Mailed: 07/24/2015

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 07/16/2015.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/eruga/



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 14/708,074, 05/08/2015, 2447, 960, XPR.002US0C1, 24, 2

CONFIRMATION NO. 8396

UPDATED FILING RECEIPT

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707



Date Mailed: 07/24/2015

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Steven H. Rempell, Novato, CA;
David Chrobak, Clayton, CA;
Ken Brown, San Martin, CA;

Applicant(s)

Express Mobile, Inc., Novato, CA;

Power of Attorney: The patent practitioners associated with Customer Number 40280

Domestic Priority data as claimed by applicant

This application is a CON of 12/936,395 11/03/2010 PAT 9063755
which is a 371 of PCT/US2009/039695 04/06/2009
which claims benefit of 61/123,438 04/07/2008
and claims benefit of 61/113,471 11/11/2008
and claims benefit of 61/166,651 04/03/2009

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access - A proper Authorization to Permit Access to Application by Participating Offices (PTO/SB/39 or its equivalent) has been received by the USPTO.

If Required, Foreign Filing License Granted: 05/15/2015

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/708,074**

Projected Publication Date: 11/05/2015

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

Preliminary Class

709

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number
14/708,074

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A
TOTAL CLAIMS (37 CFR 1.16(j))	24 minus 20 = *	4
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2 minus 3 = *	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

SMALL ENTITY	
RATE(\$)	FEE(\$)
N/A	70
N/A	300
N/A	360
x 40 =	160
x 210 =	0.00
	0.00
	0.00
TOTAL	890

OTHER THAN SMALL ENTITY	
RATE(\$)	FEE(\$)
N/A	
N/A	
N/A	
TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED - PART II

AMENDMENT A	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(j))	*	Minus **	=
Independent (37 CFR 1.16(h))	*	Minus ***	=
Application Size Fee (37 CFR 1.16(s))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			

SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OTHER THAN SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

AMENDMENT B	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(j))	*	Minus **	=
Independent (37 CFR 1.16(h))	*	Minus ***	=
Application Size Fee (37 CFR 1.16(s))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			

SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OTHER THAN SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)					
Application Information					
Application Number	14/708,074	Confirmation Number	8396	Filing Date	2015-05-08
Attorney Docket Number (optional)	XPR.002USOC1	Art Unit	2447	Examiner	
First Named Inventor	Steven H. Rempell				
Title of Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES				
<p>Attention: Office of Petitions</p> <p>An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See <u>37 CFR 1.102(c)(1)</u> and MPEP 708.02 (IV).</p> <p>APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.</p> <p>A grantable petition requires one of the following items:</p> <p>(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or</p> <p>(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.</p>					
Name of Inventor who is 65 years of age, or older					
Given Name	Middle Name	Family Name	Suffix		
Steven	H.	Rempell			
<p>A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.</p> <p>Select (1) or (2) :</p>					
<p><input type="radio"/> (1) I am an inventor in this application and I am 65 years of age, or more.</p> <p><input checked="" type="radio"/> (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.</p>					
Signature	/Steven R. Vosen/		Date (YYYY-MM-DD)	2015-07-16	
Name	Steven R. Vosen		Registration Number	45186	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/708,074	05/08/2015	Steven H. Rempell	XPR.002US0C1

CONFIRMATION NO. 8396

FORMALITIES LETTER

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707



Date Mailed: 05/18/2015

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
- The application search fee must be submitted.
- The application examination fee must be submitted.
- Additional claim fees of \$ 320 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Surcharge as set forth in 37 CFR 1.16(f) must be submitted.

The surcharge is due for any one of:

- late submission of the basic filing fee, search fee, or examination fee,
- late submission of inventor's oath or declaration,
- filing an application that does not contain at least one claim on filing, or
- submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required within **TWO MONTHS** from the date of this Notice to avoid abandonment is/are itemized below. Small entity discount is in effect. If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- \$ 70 basic filing fee.
- \$ 70 surcharge.
- \$ 300 search fee.
- \$ 360 examination fee.
- \$ 320 for 8 total claims over 20.

- \$(0) previous unapplied payment amount.
- \$ 1120 TOTAL FEE BALANCE DUE.

Items Required To Avoid Processing Delays:

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

A new inventor's oath or declaration that identifies this application (e.g., by Application Number and filing date) is required. The inventor's oath or declaration does not comply with 37 CFR 1.63 in that it:

- does not state that the above-identified application was made or authorized to be made by the person executing the oath or declaration.

Steven H. Rempell

David Chrobak

Ken Brown

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web, including a copy of this Notice and selecting the document description "Applicant response to Pre-Exam Formalities Notice".
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/fhadera/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</p> <p><input type="checkbox"/> Declaration Submitted With Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(f)) required)</p>	Attorney Docket Number	XPR.002US0C1
	First Named Inventor	Steven H. Rempell
	COMPLETE IF KNOWN	
	Application Number	14/708,074
	Filing Date	May 8, 2015
	Art Unit	2447
	Examiner Name	

SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

The attached application,

OR

United States Application Number or PCT International application number 14/708,074 filed on May 8, 2015

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

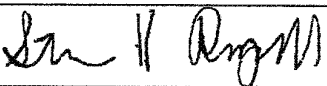
In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:	<input checked="" type="checkbox"/>	The address associated with Customer Number:	40280	OR	<input type="checkbox"/>	Correspondence address below
Name						
Address						
City			State		Zip	
Country		Telephone		Email		
WARNING:						
<p>Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: <i>Patent Application Files</i>. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT-TM-10, System name: <i>Deposit Accounts and Electronic Funds Transfer Profiles</i>.</p>						
LEGAL NAME OF SOLE OR FIRST INVENTOR:						
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)						
Steven H. Rempell						
Inventor's Signature				Date (Optional)		
						
Residence: City		State		Country		
Novato		CA		US		
Mailing Address						
38 Washington Street						
City		State		Zip		Country
Novato		CA		94947		US
<input checked="" type="checkbox"/> Additional inventors are being named on the _____ supplemental sheet(s) PTO/AIA/10 attached hereto						

[Page 2 of 2]

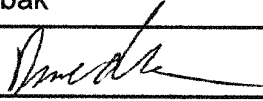

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL SHEET FOR DECLARATION

ADDITIONAL INVENTOR(S)

Supplemental Sheet (for PTO/AIA/08,09)

Page 3 of 3

Legal Name of Additional Joint Inventor, if any:			
<i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i>			
David Chobak			
Inventor's Signature 			Date (Optional)
Residence: City Clayton	State CA	Country US	
Mailing Address 38 Washington Street			
City Novato	State CA	Zip 94947	Country US
Legal Name of Additional Joint Inventor, if any:			
<i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i>			
Ken Brown			
Inventor's Signature 			Date (Optional)
Residence: City San Martin	State CA	Country US	
Mailing Address 38 Washington Street			
City Novato	State CA	Zip 94947	Country US
Legal Name of Additional Joint Inventor, if any:			
<i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i>			
Inventor's Signature			Date (Optional)
Residence: City	State	Country	
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE
REGISTERED PRACTITIONERS**

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B or equivalent) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5. If the Power of Attorney by Applicant form is not accompanied by this transmittal form or an equivalent, the Power of Attorney will not be recognized in the application.

Application Number	14/708,074
Filing Date	May 8, 2015
First Named Inventor	Steven H. Rempell
Title	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
Art Unit	2447
Examiner Name	
Attorney Docket Number	XPR.002US0C1

SIGNATURE of Applicant or Patent Practitioner

Signature	/Steven R. Vosen/	Date	July 16, 2015
Name	Steven R. Vosen	Telephone	(510) 280-2984
Registration Number	45,186		

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications.

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in the attached transmittal letter.

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

40280

OR

I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

Name	Registration Number	Name	Registration Number

Please recognize or change the correspondence address for the application identified in the attached transmittal letter to:

The address associated with the above-mentioned Customer Number.

OR

The address associated with Customer Number:

40280

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

I am the Applicant:

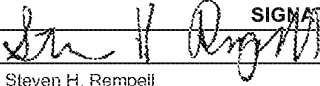
Inventor or Joint Inventor

Legal Representative of a Deceased or Legally Incapacitated Inventor

Assignee or Person to Whom the Inventor is Under an Obligation to Assign

Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document)

SIGNATURE of Applicant for Patent

Signature		Date	July 15, 2015
Name	Steven H. Rempel	Telephone	(415) 899-9469
Title and Company	CEO of Express Mobile, Inc.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms for more than one signature, see below *.

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Patent Application Fee Transmittal

Application Number:	14708074			
Filing Date:	08-May-2015			
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES			
First Named Inventor/Applicant Name:	Steven H. Rempell			
Filer:	Steven R Vosen/Christine Chan			
Attorney Docket Number:	XPR.002US0C1			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	70	70
Utility Search Fee	2111	1	300	300
Utility Examination Fee	2311	1	360	360
Pages:				
Claims:				
Claims in excess of 20	2202	4	40	160
Miscellaneous-Filing:				
Late Filing Fee for Oath or Declaration	2051	1	70	70

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				960

Electronic Acknowledgement Receipt

EFS ID:	22939488
Application Number:	14708074
International Application Number:	
Confirmation Number:	8396
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0C1
Receipt Date:	16-JUL-2015
Filing Date:	08-MAY-2015
Time Stamp:	18:00:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$960
RAM confirmation Number	4640
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0C1_Transmittal_Form.pdf	177254 49934501438d70c1096625296f61c4b18ebf5689	no	1
Warnings:					
Information:					
2		XPR002US0C1_Prelim_Amt_B_v3.pdf	94871 14290223bd5b3d29d87b084aaea1c652a750a402	yes	9
Multipart Description/PDF files in .zip description					
		Document Description	Start	End	
		Preliminary Amendment	1	1	
		Specification	2	2	
		Claims	3	7	
		Applicant Arguments/Remarks Made in an Amendment	8	9	
Warnings:					
Information:					
3	Applicant Response to Pre-Exam Formalities Notice	XPR002US0C1_Notice_to_File_Missing_Parts_2015_05_18.pdf	2098331 1efef1106620b95e105f54e8e1ae8eca67d7c8db	no	2
Warnings:					
Information:					
4	Oath or Declaration filed	XPR002US0C1_Declaration_signed-signed-signed.pdf	484269 5b70f1aacd310acc20e11d9a9f924d415b870b85	no	3
Warnings:					
Information:					
5	Petition to make special based on Age/ Health	XPR002US0C1_Petition_Based_on_Age.pdf	67916 10c16e0606d7f3b4e4249e81d3370a436522c435	no	1
Warnings:					
Information:					

6	Power of Attorney	XPR002US0C1_POA_SIGNED.pdf	256412	no	2
			7d1439f5ae37819a9318e1c6507fc63088825fdf		
Warnings:					
Information:					
7	Fee Worksheet (SB06)	fee-info.pdf	38846	no	2
			d039281dfea32e067f70b2fc136bdd370a4f512		
Warnings:					
Information:					
Total Files Size (in bytes):				3217899	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	14/708,074
	Filing Date	May 8, 2015
	First Named Inventor	Steven H. Rempell
	Art Unit	2447
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	XPR.002US0C1
Total Number of Pages in This Submission		

ENCLOSURES <i>(Check all that apply)</i>				
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declaration (3 pgs.)		
<table border="1" style="width: 100%;"> <tr> <td style="width: 150px;">Remarks</td> <td>This Response is in reply to the Notice to File Missing Parts of NonProvisional Application that was mailed on May 18, 2015.</td> </tr> </table>			Remarks	This Response is in reply to the Notice to File Missing Parts of NonProvisional Application that was mailed on May 18, 2015.
Remarks	This Response is in reply to the Notice to File Missing Parts of NonProvisional Application that was mailed on May 18, 2015.			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature	/Steven R. Vosen/		
Printed name	Steven R. Vosen		
Date	July 16, 2015	Reg. No.	45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rempell et al.

Application No.: 14/708,074

Filed: May 8, 2015

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON
MOBILE DEVICES

Group Art Unit: 2447

Examiner: TBD

Docket No.: XPR.002US0C1

PRELIMINARY AMENDMENT "B"

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

The following amendments are made prior to the examination of the present application, where:

Amendments to the Specification begin on the following page of this paper;

Amendments to the Claims are reflected in the **Listing of Claims** and begin on the page following the **Amendments to the Specification**; and

Remarks/Arguments begin on the page following the **Amendments to the Claims**.

Preliminary Amendment "B: for Appl'n. No. 14/708,074

Amendments to the Specification

Please replace the Title of the Application with the following Title:

SYSTEMS AND METHODS FOR INTEGRATING WIDGETS ON MOBILE
DEVICES

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A system for generating code to provide content on a display of a device, said system comprising:

computer memory storing a databaseregistry of:

a) symbolic names required for evoking one or more web servicescomponents each related to a set of inputs and outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, where each symbolic name has an associated data format class type corresponding to a subclass of User Interface (UI) objects that support the data format type of the symbolic name, and has a preferred UI object, and

b) the address of the web service;

an authoring tool configured to:

define ~~ana~~ UI object for presentation on the display,

~~select a~~ where said defined UI object corresponds to the web component of a web service included in said databaseregistry selected from the group consisting of an input of the web service and an output of the web service, where each defined UI object is either: 1) selected by a user of the authoring tool; or 2) automatically selected by the system as the preferred UI object corresponding to the symbolic name of a web component selected by a user of the authoring tool,

~~associate said object with said selected component, and~~

access said computer memory to select the symbolic name corresponding to the web component of the defined UI object,

associate the selected symbolic name with the defined UI object, where the selected symbolic name is only available to UI objects that support the defined data format associated with that symbolic name, and

produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-specific independent code; and a Player, where said Player is a device-dependent code, such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides said-selected component on the one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device-- to present an output value in the defined UI object.

Claim 2 (Currently Amended): The system of claim 1, where said ~~database~~registry includes definitions of input and ~~or~~ output related to said web service.

Claim 3 (Currently Amended): The system of claim 1, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 4 (Currently Amended): The system of claim 1, where said UI object is an input field for a chat.

Claim 5 (Currently Amended): The system of claim 1, where said UI object is an input field for a web service.

Claim 6 (Currently Amended): The system of claim 1, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 7 (Currently Amended): The system of claim 1, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 8 (Original): The system of claim 1, where said authoring tool is further configured to:

define a phone field or list; and

generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.

Claim 9 (Original): The system of claim 1, where said authoring tool is further configured to:

define a SMS field or list; and

generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.

Claim 10 (Currently Amended): The system of Claim 1,

where said code includes ~~two~~three or more codes, where one of said ~~two~~three or more codes is device specific, and where ~~one~~two of said ~~two~~three or more codes is device independent.

Claim 11 (Original): The system of claim 1, where said code is provided over said network.

Claim 12 (Currently Amended): A method ~~for~~of displaying content on a display of a device utilizing a ~~database~~registry of one or more web services-components related to inputs and outputs of a web service obtainable over a network, where each web component includes a plurality of symbolic names of inputs and outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service, and a Player, where said Player is a device-dependent code, said method comprising:

defining ~~an~~a user interface (UI) object for presentation on the display;

~~selecting a-, where said UI object corresponds to a web component of a web service included in said database registry selected from the group consisting of an input of the web service and an output of the web service, and where each defined UI object is either: 1) selected by a user of the authoring tool; or 2) automatically selected by the system as the preferred UI object corresponding to the symbolic name of a web component selected by a user of the authoring tool;~~

~~selecting a symbolic name from said web component corresponding to the defined UI object, where the selected symbolic name has an associated data format class type corresponding to a subclass of User Interface (UI) objects that support the data format type of the symbolic name, and has a preferred UI object;~~

~~associating said object with said the selected components symbolic name with the defined UI object; and~~

~~producing an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code,~~

~~such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides said selected component on the display of the device one or more input values associated with an input symbolic name to an input of defined UI object,~~

~~1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,~~

~~2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,~~

~~3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.~~

Claim 13 (Currently Amended): The method of claim 12, where said ~~database registry~~ includes definitions of input and/or output related to said web service.

Claim 14 (Currently Amended): The method of claim 12, where said ~~web~~ component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Preliminary Amendment “B: for Appl'n. No. 14/708,074

Claim 15 (Currently Amended): The method of claim 12, where said UI object is an input field for a chat.

Claim 16 (Currently Amended): The method of claim 12, where said UI object is an input field for a web service.

Claim 17 (Currently Amended): The method of claim 12, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 18 (Currently Amended): The method of claim 12, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 19 (Original): The method of claim 12, further comprising:
defining a phone field or list; and
generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.

Claim 20 (Original): The method of claim 12, further comprising:
defining a SMS field or list; and
generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.

Claim 21 (Currently Amended): The method of Claim 12, ~~where and such that said code includes two or more codes, where one of said two or more codes is~~ Player interprets dynamically received, device-specific, and where one of said two or more codes in device ~~independent~~ values of the web component defined in the Application.

Claim 22 (Currently Amended): The method of claim 12, further comprising:
providing said ~~code~~ Application and Player over said network.

Claims 23- 28 (Canceled).

Claim 29 (New): The system of Claim 1, wherein said defined UI object corresponds to a widget.

Claim 30 (New): The method of Claim 12, wherein said UI object corresponds to a widget.

REMARKS

This Amendment is submitted prior to Examination of the Claims, wherein Claims 1-7, 10, 12-18, 21-22 are amended. Claims 23-28 are canceled. New Claims 29 and 30 are presented. **Claims 1-22, 29 and 30 are pending.** Applicants respectfully submit that the pending claims are allowable.

Claim Amendments

Claims 1-7, 10, 12-18, 21 and 22 are amended and Claims 23-28 are canceled.

Claims 1 and 12 are amended to recite that the defined UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service, where each defined UI object is either: 1) selected by a user of the authoring tool; or 2) automatically selected by the system as the preferred UI object corresponding to the symbolic name of a web component selected by a user of the authoring tool. The claims thus recite that that the UI objects are either user selected or automatically selected. This feature is described in paragraph [0155] of the application with reference to element 319c of the figures.

The other amendments of Claims 1-7, 10, 12-18, 21 and 22 are identical to amendment to the claims made in the issued parent of this application, US. Patent No. 9,063,755. Support for these amendments may be found in the file history of that patent.

No new matter has been introduced by any of these amendments.

New Claims

New Claims 29 and 30 depend on amended Claims 1 and 12, respectively, and recite that the UI object may be a widget. Support for these amendments is found, for example, in Paragraph [0081].

No new matter has been introduced by any of these amendments.

Preliminary Amendment "B: for Appl'n. No. 14/708,074

Applicant respectfully submits that the application is in condition for allowance and action to that end is respectfully solicited. If the Examiner should feel that a telephone interview would be productive in resolving any issues in the case, please telephone the undersigned at the number listed below.

Respectfully submitted,

July 16, 2015

1563 Solano Ave., #206
Berkeley, CA 94705
Tel: (510) 841-4711; Fax: (510) 280-2984

/Steven R. Vosen/
Steven R. Vosen
Registration No. 45,186

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 14/708,074	Filing Date 05/08/2015	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (j), or (m))	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 = *		x \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 = *		x \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	05/08/2015	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total (37 CFR 1.16(i))	* 28	Minus	** 28 = 0	x \$40 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3 = 0	x \$210 =	0
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
					TOTAL ADD'L FEE	0

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	07/16/2015	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total (37 CFR 1.16(i))	* 24	Minus	** 28 = 0	x \$40 =	0
	Independent (37 CFR 1.16(h))	* 2	Minus	***3 = 0	x \$210 =	0
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
					TOTAL ADD'L FEE	0

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/SHARAIN MORELAND/

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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 14/708,074, 05/08/2015, 2447, 0.00, XPR.002US0C1, 28, 3

CONFIRMATION NO. 8396

FILING RECEIPT

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707



Date Mailed: 05/18/2015

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Steven H. Rempell, Novato, CA;
David Chrobak, Clayton, CA;
Ken Brown, San Martin, CA;

Applicant(s)

Express Mobile, Inc., Novato, CA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 12/936,395 11/03/2010
which is a 371 of PCT/US2009/039695 04/06/2009
which claims benefit of 61/123,438 04/07/2008
and claims benefit of 61/113,471 11/11/2008
and claims benefit of 61/166,651 04/03/2009

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/708,074**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

Preliminary Class

709

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number
14/708,074

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A
TOTAL CLAIMS (37 CFR 1.16(j))	28 minus 20 = *	8
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 = *	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

SMALL ENTITY	
RATE(\$)	FEE(\$)
N/A	70
N/A	300
N/A	360
x 40 =	320
x 210 =	0.00
	0.00
	0.00
TOTAL	1050

OTHER THAN SMALL ENTITY	
RATE(\$)	FEE(\$)
N/A	
N/A	
N/A	
TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED - PART II

AMENDMENT A	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(j))	*	Minus **	=
Independent (37 CFR 1.16(h))	*	Minus ***	=
Application Size Fee (37 CFR 1.16(s))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			

SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OTHER THAN SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

AMENDMENT B	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(j))	*	Minus **	=
Independent (37 CFR 1.16(h))	*	Minus ***	=
Application Size Fee (37 CFR 1.16(s))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			

SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OTHER THAN SMALL ENTITY	
RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.



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Table with 4 columns: APPLICATION NUMBER (14/708,074), FILING OR 371(C) DATE (05/08/2015), FIRST NAMED APPLICANT (Steven H. Rempell), ATTY. DOCKET NO./TITLE (XPR.002US0C1)

CONFIRMATION NO. 8396

FORMALITIES LETTER



Date Mailed: 05/18/2015

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
The application search fee must be submitted.
The application examination fee must be submitted.
Additional claim fees of \$ 320 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
Surcharge as set forth in 37 CFR 1.16(f) must be submitted.

The surcharge is due for any one of:

- late submission of the basic filing fee, search fee, or examination fee,
late submission of inventor's oath or declaration,
filing an application that does not contain at least one claim on filing, or
submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required within TWO MONTHS from the date of this Notice to avoid abandonment is/are itemized below. Small entity discount is in effect. If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- \$ 70 basic filing fee.
\$ 70 surcharge.
\$ 300 search fee.
\$ 360 examination fee.
\$ 320 for 8 total claims over 20.

- \$(0) previous unapplied payment amount.
- \$ 1120 TOTAL FEE BALANCE DUE.

Items Required To Avoid Processing Delays:

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

A new inventor's oath or declaration that identifies this application (e.g., by Application Number and filing date) is required. The inventor's oath or declaration does not comply with 37 CFR 1.63 in that it:

- does not state that the above-identified application was made or authorized to be made by the person executing the oath or declaration.

Steven H. Rempell
David Chrobak
Ken Brown

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be mailed to:

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Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web, including a copy of this Notice and selecting the document description "Applicant response to Pre-Exam Formalities Notice".
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/fhadera/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<p>UTILITY PATENT APPLICATION TRANSMITTAL</p> <p><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i></p>	<p><i>Attorney Docket No.</i> XPR.002US0C1</p>
	<p><i>First Inventor</i> Steven H. Rempell</p>
	<p><i>Title</i> SYSTEMS AND METHODS FOR PRESENT</p>
	<p><i>Express Mail Label No.</i></p>

<p style="text-align: center;">APPLICATION ELEMENTS</p> <p style="text-align: center;"><i>See MPEP chapter 600 concerning utility patent application contents.</i></p>	<p>ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450</p>
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<p>1. <input type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>55</u>] Both the claims and abstract must start on a new page <i>(For information on the preferred arrangement, see MPEP 608.01(a))</i></p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>18</u>]</p> <p>5. Oath or Declaration [Total Sheets <u>3</u>]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> A copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>) <input type="checkbox"/> Landscape Table on CD</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, items a. – c. are required)</i></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> Paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	<p style="text-align: center;">ACCOMPANYING APPLICATION PARTS</p> <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) Name of Assignee _____</p> <p>10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (PTO/SB/08 or PTO-1449) <input type="checkbox"/> Copies of citations attached</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 12/936,395.....

Prior application information: Examiner Xuyang Xia Art Unit: 2143

19. CORRESPONDENCE ADDRESS

The address associated with Customer Number: 40280 OR Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Email	

Signature	/Steven R. Vosen/	Date	May 8, 2015
Name (Print/Type)	Steven R. Vosen	Registration No. (Attorney/Agent)	45,186

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SYSTEMS AND METHODS FOR PROGRAMMING MOBILE DEVICES

TECHNICAL FIELD

[0001] The present invention generally relates to providing software for mobile devices, and more particularly to a method and system for authoring Applications for devices.

BACKGROUND ART

[0002] Internet-connected mobile devices are becoming ever more popular. While these devices provide portability to the Internet, they generally do not have the capabilities of non-mobile devices including computing, input and output capabilities.

[0003] In addition, the mobility of the user while using such devices provides challenges and opportunities for the use of the Internet. Further, unlike non-mobile devices, there are a large number of types of devices and they tend to have a shorter lifetime in the marketplace. The programming of the myriad of mobile devices is a time-consuming and expensive proposition, thus limiting the ability of service providers to update the capabilities of mobile devices.

[0004] Thus there is a need in the art for a method and apparatus that permits for the efficient programming of mobile devices. Such a method and apparatus should be easy to use and provide output for a variety of devices.

DISCLOSURE OF INVENTION

[0005] In certain embodiments, a system is provided to generate code to provide content on a display of a platform. The system includes a database of web services obtainable over a network and an authoring tool. The authoring tool is configured to define an object for presentation on the display, select a component of a web service included in said database, associate said object with said selected component, and produce code that, when executed on the platform, provides said selected component on the display of the platform.

[0006] In certain other embodiments, a method is provided for providing information to platforms on a network. The method includes accepting a first code over the network, where said first code is platform-dependent; providing a second code over the network, where said second code is platform-independent; and executing said first code and said second code on the platform to provide web components obtained over the network.

[0007] In certain embodiments, a method for displaying content on a platform utilizing a database of web services obtainable over a network is provided. The method includes: defining an object for presentation on the display; selecting a component of a web service included in said

database; associating said object with said selected component; and producing code that, when executed on the platform, provides said selected component on the display of the platform.

[0008] In one embodiment, one of the codes is a Player, which is a thin client architecture that operates in a language that manages resources efficiently, is extensible, supports a robust application model, and has no device specific dependencies. In another embodiment, Player **P** is light weight and extends the operating system and/or virtual machine of the device to: Manage all applications and application upgrades, and resolve device, operating system, VM and language fragmentation.

[0009] In another embodiment, one of the codes is an Application that is a device independent code that interpreted by the Player.

[0010] These features together with the various ancillary provisions and features which will become apparent to those skilled in the art from the following detailed description, are attained by the system and method of the present invention, preferred embodiments thereof being shown with reference to the accompanying drawings, by way of example only, wherein:

BRIEF DESCRIPTION OF DRAWINGS

[0011] FIG. 1A is an illustrative schematic of one embodiment of a system including an authoring platform and a server for providing programming instructions to a device over a network;

[0012] FIG. 1B is schematic of an alternative embodiment system for providing programming instructions to device over a network;

[0013] FIG. 2A is a schematic of an embodiment of system illustrating the communications between different system components;

[0014] FIG.2B is a schematic of one embodiment of a device illustrating an embodiment of the programming generated by authoring platform;

[0015] FIGS. 3A and 3B illustrate one embodiment of a publisher interface as it appears, for example and without limitation, on a screen while executing an authoring tool;

[0016] FIG. 3C illustrates an embodiment of the Events Tab'

[0017] FIG. 3D illustrates one embodiment of an Animation Tab;

- [0018] FIG. 3E illustrates one embodiment of Bindings Tab;
- [0019] FIG. 3F illustrates one embodiment of a pop-up menu for adding web components;
- [0020] FIG. 4A shows a publisher interface having a layout on a canvas; and FIG. 4B shows a device having the resulting layout on a device screen;
- [0021] FIG. 5 shows a display of launch strips;
- [0022] FIG. 6A is a display of a Channel Selection List;
- [0023] FIG. 6B is a display of a Widget Selection List;
- [0024] FIG. 6C is a display of a Phone List;
- [0025] FIG. 7 shows a display of a mash-up;
- [0026] FIG. 8 is a schematic of an embodiment of a push capable system;
- [0027] FIG. 9 is a schematic of an alternative embodiment of a push capable system;
- [0028] FIG. 10 is a schematic of one embodiment of a feed collector;
- [0029] FIG. 11 is a schematic of an embodiment of a Mobile Content Gateway;
- [0030] FIG. 12 is a schematic of one embodiment of a system that includes a response director, a user agent database, an IP address database, and a file database; and
- [0031] FIG. 13 is a schematic of another embodiment of a system that includes a response director, a user agent database, an IP address database, and a file database.
- [0032] Reference symbols are used in the Figures to indicate certain components, aspects or features shown therein, with reference symbols common to more than one Figure indicating like components, aspects or features shown therein.

MODE(S) FOR CARRYING OUT THE INVENTION

[0033] Figure 1A is an illustrative schematic of one embodiment of a system **100** including an authoring platform **110** and a server **120** for providing programming instructions to a device **130** over a network **N**. In one embodiment, device **130** is a wireless device, and network **N** includes wireless communication to the device. Alternatively, system **100** may provide access over network **N** to other information, data, or content, such as obtainable as a web service over the

Internet. In general, a user of authoring platform **110** may produce programming instructions or files that may be transmitted over network **N** to operate device **130**, including instructions or files that are sent to device **130** and/or server **120**. The result of the authoring process is also referred to herein, and without limitation, as publishing an Application.

[0034] Embodiments include one or more databases that store information related to one or more devices **130** and/or the content provided to the devices. It is understood that such databases may reside on any computer or computer system on network **N**, and that, in particular, the location is not limited to any particular server, for example.

[0035] Device **130** may be, for example and without limitation, a cellular telephone or a portable digital assistant, includes a network interface **131**, a memory **133**, a processor **135**, a screen **137**, and an input device **139**. Network interface **131** is used by device **130** to communication over a wireless network, such as a cellular telephone network, a WiFi network or a WiMax network, and then to other telephones through a public switched telephone network (PSTN) or to a satellite, or over the Internet. Memory **133** includes programming required to operate device **130** (such as an operating system or virtual machine instructions), and may include portions that store information or programming instructions obtained over network interface **131**, or that are input by the user (such as telephone numbers or images from a device camera (not shown)). In one embodiment screen **137** is a touch screen, providing the functions of the screen and input device **139**.

[0036] Authoring platform **110** includes a computer or computer system having a memory **111**, a processor **113**, a screen **115**, and an input device **117**. It is to be understood that memory **111**, processor **113**, screen **115**, and input device **117** are configured such a program stored in the memory may be executed by the processor to accept input from the input device and display information on the screen. Further, the program stored in memory **111** may also instruct authoring platform **110** to provide programming or information, as indicated by the line labeled “A” and to receive information, as indicated by the line labeled “B.”

[0037] Memory **111** is shown schematically as including a stored program referred to herein, and without limitation, as an authoring tool **112**. In one embodiment, authoring tool **112** is a graphical system for designing the layout of features as a display that is to appear on screen **137**. One example of authoring tool **112** is the CDER™ publishing platform (Express Mobile, Inc., Novato, CA).

[0038] In another embodiment, which is not meant to limit the scope of the present invention, device **130** may include an operating system having a platform that can interpret certain routines. Memory **111** may optionally include programming referred to herein, and without limitation, as routines **114** that are executable on device **130**.

[0039] Routines **114** may include device-specific routines - that is, codes that are specific to the operating system, programming language, or platform of specific devices **130**, and may include, but are not limited to, Java, Windows Mobile, Brew, Symbian OS, or Open Handset Alliance (OHA). Several examples and embodiments herein are described with reference to the use of Java. It is to be understood that the invention is not so limited, except as provided in the claims, and that one skilled in the art could provide Players for devices using routines provided on a platform. Thus as an example, routines **114** may include Java API's and an authoring tool System Development Kit (SDK) for specific devices **130**.

[0040] Server **120** is a computer or computer system that includes a network interface **121**, a memory **123**, and a processor **125**. Is to be understood that network interface **121**, memory **123**, and processor **125** are configured such that a program stored in the memory may be executed by the processor to: accept input and/or provide output to authoring platform **110**; accept input and/or provide output through network interface **121** over network **N** to network interface **131**; or store information from authoring platform **110** or from device **130** for transmission to another device or system at a later time.

[0041] In one embodiment, authoring platform **110** permits a user to design desired displays for screen **137** and actions of device **130**. In other words, authoring platform **110** is used to program the operation of device **130**. In another embodiment, authoring platform **110** allows a user to provide input for the design of one or more device displays and may further allow the user to save the designs as device specific Applications. The Applications may be stored in memory **123** and may then be sent, when requested by device **130** or when the device is otherwise accessible, over network **N**, through network interface **130** for storage in memory **133**.

[0042] In an alternative embodiment, analytics information from devices **130** may be returned from device **130**, through network **N** and server **120**, back to authoring platform **110**, as indicated by line **B**, for later analysis. Analytics information includes, but is not limited to, user demographics, time of day, and location. The type of analytic content is only limited by which listeners have been activated for which objects and for which pages. Analytic content may include, but is not limited to, player-side page view, player-side forms-based content, player-side user interactions, and player-side object status.

[0043] Content server **140** is a computer or computer system that includes a network interface **141**, a memory **143**, and a processor **145**. It is to be understood that network interface **141**, memory **143**, and processor **145** are configured such that a stored program in the memory may be executed by the processor to accept requests **R** from device **130** and provide content **C** over a network, such as web server content the Internet, to device **130**.

[0044] Figure 1B is schematic of an alternative embodiment system **100** for providing programming instructions to device **130** over a network **N** that is generally similar to the system of FIG. 1A. The embodiment of FIG. 1B illustrates that system **100** may include multiple servers **120** and/or multiple devices **130**.

[0045] In the embodiment of FIG. 1B, system **100** is shown as including two or more servers **120**, shown illustratively and without limitation as servers **120a** and **120b**. Thus some of the programming or information between authoring platform **110** and one or more devices **130** may be stored, routed, updated, or controlled by more than one server **120**. In particular, the systems and methods described herein may be executed on one or more server **120**.

[0046] Also shown in FIG. 1B are a plurality of devices **130**, shown illustratively and without limitation as device **130-1**, **130-1**, ... **130-N**. System **100** may thus direct communication between individual server(s) **120** and specific device(s) **130**.

[0047] As described subsequently, individual devices **130** may be provided with program instructions which may be stored in each device's memory **133** and where the instructions are executed by each device's processor **135**. Thus, for example, server(s) **120** may provide device(s) **130** with programming in response to the input of the uses of the individual devices. Further, different devices **130** may be operable using different sets of instructions, that is having one of a variety of different "device platforms." Differing device platforms may result, for example and without limitation, to different operating systems, different versions of an operating system, or different versions of virtual machines on the same operating system. In some embodiments, devices **130** are provided with some programming from authoring system **100** that is particular to the device.

[0048] In one embodiment, system **100** provides permits a user of authoring platform **110** to provide instructions to each of the plurality of devices **130** in the form of a device- or device-platform specific instructions for processor **135** of the device, referred to herein and without limitation as a "Player," and a device-independent program, referred to herein and without limitation as an "Application" Thus, for example, authoring platform **110** may be used to

generate programming for a plurality of devices **130** having one of several different device platforms. The programming is parsed into instructions used by different device platforms and instructions that are independent of device platform. Thus in one embodiment, device **130** utilizes a Player and an Application to execute programming from authoring platform **110**. A device having the correct Player is then able to interpret and be programmed according to the Application.

[0049] In one alternative embodiment, the Player is executed the first time by device **130** (“activated”) through an Application directory. In another alternative embodiment, the Player is activated by a web browser or other software on device **130**. In yet another alternative embodiment, Player is activated through a signal to device **130** by a special telephone numbers, such as a short code.

[0050] When the Application and the Player are provided to memory **133**, the functioning of device **130** may occur in accordance with the desired programming. Thus in one embodiment, the Application and Player includes programming instructions which may be stored in memory **133** and which, when executed by processor **135**, generate the designed displays on screen **137**. The Application and Player may also include programming instructions which may be stored in memory **133** and which provide instructions to processor **135** to accept input from input device **139**.

[0051] Authoring tool **112** may, for example, produce and store within memory **111** a plurality of Players (for different devices **130**) and a plurality of Applications for displaying pages on all devices. The Players and Applications are then stored on one or more servers **120** and then provided to individual devices **130**. In general, Applications are provided to device **130** for each page of display or a some number of pages. A Player need be provided once or updated as necessary, and thus may be used to display a large number of Applications. This is advantageous for the authoring process, since all of the device-dependent programming is provided to a device only once (or possibly for some small number of upgrades), permitting a smaller Application, which is the same for each device **130**.

[0052] Thus, for example and without limitation, in one embodiment, the Player transforms device-independent instructions of the Application into device-specific instructions that are executable by device **130**. Thus, by way of example and without limitation, the Application may include Java programming for generating a display on screen **137**, and the Player may interpret the Java and instruct processor **135** to produce the display according to the Application for execution on a specific device **130** according to the device platform. The Application may in

general include, without limitation, instructions for generating a display on screen **137**, instructions for accepting input from input device **139**, instructions for interacting with a user of device **130**, and/or instructions for otherwise operating the device, such as to place a telephone call.

[0053] The Application is preferably code in a device-independent format, referred to herein and without limitation as a Portable Description Language (PDL). The device's Player interprets or executes the Application to generate one or more "pages" ("Applications Pages") on a display as defined by the PDL. The Player may include code that is device-specific - that is, each device is provided with a Player that is used in the interpretation and execution of Applications. Authoring tool **112** may thus be used to design one or more device-independent Applications and may also include information on one or more different devices **130** that can be used to generate a Player that specific devices may use to generate displays from the Application.

[0054] In one embodiment, system **100** provides Players and Applications to one server **120**, as in FIG. 1A. In another embodiment, system **100** provides Players to a first server **120a** and Applications to a second server **120b**, as in FIG. 1B.

[0055] In one embodiment, authoring tool **112** may be used to program a plurality of different devices **130**, and routines **114** may include device-specific routines. In another embodiment, the Player is of the type that is commonly referred to as a "thin client" – that is, software for running on the device as a client in client-server architecture with a device network which depends primarily on a central server for processing activities, and mainly focuses on conveying input and output between the user and the server.

[0056] In one embodiment, authoring platform **110** allows user to arrange objects for display on screen. A graphical user interface ("GUI," or "UI") is particularly well suited to arranging objects, but is not necessary. The objects may correspond to one or more of an input object, an output object, an action object, or may be a decorative display, such as a logo, or background color or pattern, such as a solid or gradient fill. In another embodiment, authoring platform **110** also permits a user to assign actions to one or more of an input object, an output object, or an action object. In yet another embodiment, authoring platform **110** also permits a user to bind one or more of an input object, an output object, or an action object with web services or web components, or permits a user to provide instructions to processor **135** to store or modify information in memory **133**, to navigate to another display or service, or to perform other actions, such as dialing a telephone number.

[0057] In certain embodiments, the applicant model used in developing and providing Applications is a PDL. The PDL can be conceptually viewed as a device, operating system and virtual machine agnostic representation of Java serialized objects. In certain embodiments, the PDL is the common language for authoring tool **112**, the Application, and Player. Thus while either designing the Application with the authoring tool **112**, or programming with the SDK, the internal representation of the programming logic is in Java. In one embodiment the SDK is used within a multi-language software development platform comprising an IDE and a plug-in system to extend it, such as the Eclipse Integrated Development Environment (see, for example, <http://www.eclipse.org/>). At publish time the Java code is translated into a PDL. This translation may also occur in real-time during the execution of any Web Services or backend business logic that interacts with the user.

[0058] One embodiment for compacting data that may be used is described in co-pending U.S. Patent No. 6,546,397 to Rempell (“Rempell”), the contents of which are incorporated herein by reference. In that patent the compressed data is described as being a database. The terminology used here is a PDL, that is the “internal database” of Rempell is equivalent to the PDL of the present Application.

[0059] The use of a PDL, as described in Rempell, permits for efficient code and data compaction. Code, as well as vector, integer and Boolean data may be compacted and then compressed resulting in a size reduction of 40 to 80 times that of the original Java serialized objects. This is important not only for performance over the network but for utilizing the virtual memory manager of the Player more efficiently. As an example, the reassembled primitives of the Java objects may first undergo logical compression, followed by LZ encoding.

[0060] The use of a PDL also provides virtual machine and operating system independence. Since the reassembled primitives of the Application no longer have any dependencies from the original programming language (Java) that they were defined in. The PDL architecture takes full advantage of this by abstracting all the virtual machine and/or operating system interfaces from the code that processes the PDL.

[0061] In one embodiment, the PDL is defined by the means of nested arrays of primitives. Accordingly, the use of a PDL provides extensibility and compatibility, with a minimal amount of constraints in extending the Player seamlessly as market demands and device capabilities continue to grow. Compatibility with other languages is inherent based on the various Player abstraction implementations, which may be, for example and without limitation, Java CDC, J2SE or MIDP2 implementations.

[0062] In one embodiment, the architecture of Player **P** includes an abstraction interface that separates all device, operating system and virtual machine dependencies from the Player's Application model business logic (that is, the logic of the server-side facilities) that extend the Application on the Player so that it is efficiently integrated into a comprehensive client/server Application. The use of an abstraction interface permits the more efficient porting to other operating systems and virtual machines and adding of extensions to the Application model so that a PDL can be implemented once and then seamlessly propagated across all platform implementations. The Application model includes all the currently supported UI objects and their attributes and well as all of the various events that are supported in the default Player. Further, less robust platforms can be augmented by extending higher end capabilities inside that platform's abstraction interface implementation.

[0063] In one embodiment, authoring platform **110** provides one or more pages, which may be provided in one Application, or a plurality of Applications, which are stored in memory **123** and subsequently provided to memory **133**. In certain embodiments, the Application includes instructions **R** to request content or web services **C** from content server **140**. Thus, for example and without limitation, the request is for information over the network via a web service, and the request **R** is responded to with the appropriate information for display on device **130**. Thus, for example, a user may request a news report. The Application may include the layout of the display, including a space for the news, which is downloaded from content server **140** for inclusion on the display. Other information that may be provided by content server **140** may include, but is not limited to, pages, Applications, multimedia, and audio.

[0064] Figure 2A is a schematic of a system **200** of an embodiment of system **100** illustrating the communications between different system components. System includes a response director **210**, a web component registry **220**, and a web service **230**. System **200** further includes authoring platform **110**, server **120**, device **130** and content server **140** are which are generally similar to those of the embodiments of FIGS. 1A and 1B, except as explicitly noted.

[0065] Response director **210** is a computer or computer system that may be generally similar to server **120** including the ability to communicate with authoring platform **110** and one or more devices **130**. In particular, authoring platform **110** generates one or more Players (each usable by certain devices **130**) which are provided to response director **210**. Devices **130** may be operated to provide response director **210** with a request for a Player and to receive and install the Player. In one embodiment, device **130** provides response director **210** with device-specific information including but not limited to make, model, and/or software version of the device. Response

director **210** then determines the appropriate Player for the device, and provides the device with the Player over the network.

[0066] Web service **230** is a plurality of services obtainable over the Internet. Each web service is identified and/or defined as an entry in web component registry **230**, which is a database, XML file, or PDL that exists on a computer that may be a server previously described or another server **120**. Web component registry **230** is provided through server **120** to authoring platform **110** so that a user of the authoring platform may bind web services **230** to elements to be displayed on device **130**, as described subsequently.

[0067] In one embodiment, authoring platform **110** is used in conjunction with a display that provides a WYSIWYG environment in which a user of the authoring platform can produce an Application and Player that produces the same display and the desired programming on device **130**. Thus, for example, authoring tool **112** provides a display on screen **115** that corresponds to the finished page that will be displayed on screen **137** when an Application is intercepted, via a Player, on processor **135** of device **130**.

[0068] Authoring platform **110** further permits a user of the authoring platform to associate objects, such as objects for presenting on screen **137**, with components of one or more web services **230** that are registered in web component registry **220**. In one embodiment, information is provided in an XML file to web component registry **220** for each registered components of each web service **230**. Web component registry **220** may contain consumer inputs related to each web service **230**, environmental data such as PIM, time or location values, persistent variable data, outputs related to the web service, and/or optional hinting for improving the user's productivity.

[0069] A user of authoring platform **110** of system **200** may define associations with web services as WebComponent Bindings. In one embodiment, authoring platform **110** allows a user to associate certain objects for display that provide input or output to components of web service **230**. The associated bindings are saved as a PDL in server **120**.

[0070] In one embodiment, an XML web component registry **220** for each registered web service **230** is loaded into authoring platform **110**. The user of system **200** can then assign components of any web service **230** to an Application without any need to write code. In one embodiment, a component of web service **230** is selected from authoring platform **110** which presents the user with WYSIWYG dialog boxes that enable the binding of all the inputs and outputs of component of web service **230** to a GUI component of the Application as will be

displayed on screen **137**. In addition, multiple components of one or more web service **230** can be assigned to any Object or Event in order to facilitate mashups. These Object and/or Event bindings, for each instance of a component of any web service **230**, are stored in the PDL. The content server **140** handles all communication between device **130** and the web service **230** and can be automatically deployed as a web application archive to any content server.

[0071] Device **130**, upon detecting an event in which a component of a web service **230** has been defined, assembles and sends all related inputs to content server **240**, which proxies the request to web service **230** and returns the requested information to device **130**. The Player on device **130** then takes the outputs of web service **230** and binds the data to the UI components in the Application, as displayed on screen **137**.

[0072] In one embodiment, the mechanism for binding the outputs of the web service to the UI components is through symbolic references that matches each output to the symbolic name of the UI component. The outputs, in one embodiment, may include meta-data which could become part of the inputs for subsequent interactions with the web service.

[0073] For example, if a user of authoring platform **110** wants to present an ATOM feed on device **130**, they would search through a list of UI Components available in the authoring platform, select the feed they want to use, and bind the output of the feed summary to a textbox. The bindings would be saved into the PDL on server **120** and processed by device **130** at runtime. If the ATOM feed does not exist a new one can be added to the web component registry that contains all the configuration data required, such as the actual feed URL, the web component manager URL, and what output fields are available for binding.

[0074] In another embodiment, components of web services **230** are available either to the user of authoring platform **110** or otherwise accessible through the SDK and Java APIs of routines **114**. System **200** permits an expanding set of components of web services **230** including, but not limited to: server pages from content server **120**; third-party web services including, but not limited to: searching (such through Google or Yahoo), maps (such as through MapQuest and Yahoo), storefronts (such as through ThumbPlay), SMS share (such as through clickatel), stock quotes, social networking (such as through FaceBook), stock quotes, weather (such as through Accuweather) and/or movie trailers. Other components include web services for communication and sharing through chats and forums and rich messaging alerts, where message alerts are set-up that in turn could have components of Web Services **230** defined within them, including the capture of consumer generated and Web Service supplied rich media and textual content.

[0075] System **200** also permits dynamic binding of real-time content, where the inputs and outputs of XML web services are bound to GUI components provided on screen **137**. Thus, for example, a user of authoring platform **110** may bind attributes of UI Objects to a particular data base field on a Server. When running the Application, the current value in the referenced data base will be immediately applied. During the Application session, any other real time changes to these values in the referenced data base will again be immediately displayed.

[0076] As an example of dynamic binding of real-time content, an RSS feeds and other forms of dynamic content may be inserted into mobile Applications, such as device **130**, using system **200**. Authoring platform **110** may include a “RSS display” list which permits a user to select RSS channels and feeds from an extensible list of available dynamic content. Meta data, such as titles, abstracts and Images can be revealed immediately by the user as they traverse this RSS display list, bringing the PC experience completely and conveniently to mobile devices **130**. In addition, Authoring platform **110** may include a dialog box that dynamically links objects to data and feeds determined by RSS and chat databases. Any relevant attribute for a page view and/or object can be dynamically bound to a value in a server-side database. This includes elements within complex objects such as: any icon or text element within a graphical list; any icon within a launch strip; any feature within any geographical view of a GIS service object; and/or any virtual room within a virtual tour.

[0077] As an example of third-party web services **230** that may be provided using system **200**, a user of authoring platform **110** can place, for example, Yahoo maps into device **130** by binding the required component of the Yahoo Maps Web Service, such as Yahoo Map’s Inputs and/or Outputs to appropriate Objects of authoring platform **110**. System **200** also provides binding to web services for text, image and video searching by binding to components of those web services.

[0078] In one embodiment, an Application for displaying on device **130** includes one or more Applications Pages, each referred to herein as an “XSP,” that provides functionality that extends beyond traditional web browsers. The XSP is defined as a PDL, in a similar manner as any Application, although it defines a single page view, and is downloaded to the Player dynamically as required by the PDL definition of the Application. Thus, for example, while JSPs and ASPs, are restricted to the functionality supported by the web browser, the functionality of XSPs can be extended through authoring platform **110** having access to platform dependent routines **114**, such as Java APIs. Combined with dynamic binding functionality, an XSP, a page can be saved as a page object in an author’s “pages” library, and then can be dynamically populated with real-time

content simultaneously as the page is downloaded to a given handset Player based on a newly expanded API. XSP Server Pages can also be produced programmatically, but in most cases authoring platform **110** will be a much more efficient way to generate and maintain libraries of dynamically changing XSPs.

[0079] With XSPs, Applications Pages that have dynamic content associated with them can be sent directly to device **130**, much like how a web browser downloads an HTML page through an external reference. Without XSPs, content authors would have to define each page in the Application. With XSPs, no pages need to be defined. Thus, for example, in a World Cup Application, one page could represent real-time scores that change continuously on demand. With polling (for example, a prompt to the users asking who they predict will win a game), a back-end database would tabulate the information and then send the results dynamically to the handsets. With a bar chart, the Application would use dynamic PDL with scaling on the fly. For example, the server would recalibrate the bar chart for every ten numbers.

[0080] Other combinations of components of web services **230** include, but are not limited to, simultaneous video chat sessions, inside an integrated page view, with a video or television station; multiple simultaneous chat sessions, each with a designated individual and/or group, with each of the chat threads visible inside an integrated page view.

[0081] Another extension of an XSP is a widget object. Widgets can be developed from numerous sources including, but not limited to, authoring platform **110**, a Consumer Publishing Tool, and an XML to Widget Conversion Tool where the SDK Widget Libraries are automatically populated and managed, or Widget Selection Lists that are available and can be populated with author defined Icons.

APPLICATIONS, PLAYERS, AND PROCESSING IN A DEVICE

[0082] Figure 2B is a schematic of one embodiment of a device **130** illustrating an embodiment of the programming generated by authoring platform **110**. Memory **133** may include several different logical portions, such as a heap **133a**, a record store **133b** and a filesystem (not shown).

[0083] As shown in FIG. 2B, heap **133a** and record store **133b** include programming and/or content. In general, heap **133a** is readily accessible by processor **135** and includes, but is not limited to portions that include the following programming: a portion **133a1** for virtual machine compliant objects representing a single Page View for screen **137**; a portion **133a2** for a Player; a portion **133a3** for a virtual machine; and a portion **133a4** for an operating system.

[0084] Record store **133b** (or alternatively the filesystem) includes, but is not limited to, portions **133b1** for Applications and non-streaming content, which may include portions **133a2** for images, portions **133a4** for audio, and/or portions **133a5** for video. and portions **133b2** for non-Application PDLs, such as a Master Page PDL for presenting repeating objects, and Alerts, which are overlaid on the current page view. Other content, such as streaming content may be provided from network interface **131** directly to the Media Codec of device **130** with instructions from Player on how to present the audio or video.

[0085] In one embodiment, the Player includes a Threading Model and a Virtual Memory Manager. The Threading Model first manages a queue of actions that can be populated based on Input/Output events, Server-side events, time-based events, or events initiated by user interactions. The Threading Model further manages the simultaneous execution of actions occurring at the same time. The Virtual Memory Manager includes a Logical Virtual Page controller that provides instructions from the record store to the heap, one page at time. Specifically, the Virtual Memory Manager controls the transfer of one of the Application Pages and its virtual machine compliant objects into portion **133a1** as instructions readable by the Player or Virtual Machine. When the Player determines that a new set of instructions is required, the information (such as one Application Page is retrieve from the Record store, converted into virtual machine compliant objects (by processor **135** and according to operation by the Player, Virtual Machine, etc). and stored in heap **133a**. Alternatively, the Player may augment virtual machine compliant objects with its own libraries for managing user interactions, events, memory, etc.

[0086] The connection of portions **133a1**, **133a2**, **133a3**, **133a4**, record store **133b** and processor **135** are illustrative of the logical connection between the different types of programming stored in Heap **133a** and record store **133b**, that is, how data is processed by processor **135**.

[0087] The Player determines which of the plurality of Application Pages in portion **133b1** is required next. This may be determined by input actions from the Input Device **139**, or from instructions from the current Application Page. The Player instructs processor **135** to extract the PDF from that Applications Page and store it in portion **133a1**. The Player then interprets the Application Page extracted from PDL which in turn defines all of the virtual machine compliant Objects, some of which could have attributes that refer to images, audio, and/or video stored in portions **133a3**, **133a4**, **133a5**, respectively.

[0088] The Virtual Machine in portion **133a3** processes the Player output, the Operating System in portion **133a3** processes the Virtual Machine output which results in machine code that is processed by the Operating System in portion **133a4**.

[0089] In another embodiment, the Player is a native program that interacts directly with the operating system.

EMBODIMENTS OF A PUBLISHING ENVIRONMENT

[0090] In one embodiment, authoring platform **110** includes a full-featured authoring tool **112** that provides a what-you-see-is-what-you-get (WYSIWYG) full featured editor. Thus, for example, authoring tool **112** permits a user to design an Application by placing objects on canvas **305** and optionally assigning actions to the objects and save the Application. System **100** then provides the Application and Player to a device **130**. The Application as it runs on device **130** has the same look and operation as designed on authoring platform **110**. In certain embodiments, authoring platform **110** is, for example and without limitation, a PC-compatible or a Macintosh computer.

[0091] Authoring platform **110** produces an Application having one or more Applications Pages, which are similar to web pages. That is, each Applications Page, when executed on device **130** may, according to its contents, modify what is displayed on screen **137** or cause programming on the device to change in a manner similar to how web pages are displayed and navigated through on a website.

[0092] In one embodiment, authoring tool **112** allows a user to place one or more objects on canvas **305** and associate the objects with an Applications Pages. Authoring platform **110** maintains a database of object data in memory **111**, including but not limited to type of object, location on which page, and object attributes. The user may add settings, events, animations or binding to the object, from authoring tool **112**, which are also maintained in memory **111**. Authoring tool **112** also allows a user to define more than one Applications Page.

[0093] In another embodiment, authoring tool **112**, provides Java programming functions of the Java API for specific devices **130** as pull-down menus, dialog boxes, or buttons. This permits a user of authoring platform **110** to position objects that, after being provided as an Application to device **130**, activate such Java functions on the device.

[0094] In certain embodiments, authoring platform **110**, as part of system **100**, permits designers to include features of advanced web and web services Applications for access by users

of device **130**. Some of the features of advanced web and web services include, but are not limited to: slide shows, images, video, audio, animated transitions, multiple chats, and mouse interaction; full 2-D vector graphics; GIS (advanced LBS), including multiple raster and vector layers, feature sensitive interactions, location awareness, streaming and embedded audio/video, virtual tours, image processing and enhancement, and widgets. In other embodiments the features are provided for selection in authoring platform **110** through interactive object libraries.

[0095] In certain embodiments, authoring platform **110**, as part of system **100**, allows the inclusion of child objects which may eventually be activated on device **130** by the user of the device or by time. The uses of the child objects on device **130** include, but are not limited to: mouse over (object selection), hover and fire events and launching of object-specific, rich-media experiences.

[0096] In certain other embodiments, authoring platform **110**, as part of system **100**, provides advanced interactive event models on device **130**, including but not limited to: user-, time- and/or location-initiated events, which allow content developers to base interactivity on specific user interactions and/or instances in time and space; timelines, which are critical for timing of multiple events and for animations when entering, on, or exiting pages of the Application; waypoints, which act similar to key frames, to allow smooth movement of objects within pages of the Application. Waypoints define positions on a page object's animation trajectory. When an object reaches a specific waypoint other object timelines can be initiated, creating location-sensitive multiple object interaction, and/or audio can be defined to play until the object reaches the next waypoint.

[0097] Authoring platform **110** may also define a Master Page, which acts as a template for an Applications Page, and may also define Alert Pages, which provide user alerts to a user of device **130**.

[0098] In certain embodiments, authoring platform **110**, as part of system **100**, provides full style inheritance on device **130**. Thus, for example and without limitation, both master page inheritance (for structural layout inheritance and repeating objects) and object styles (for both look and feel attribute inheritance) are supported. After a style has been defined for an object, the object will inherit the style. Style attributes include both the look and the feel of an object, including mouse interaction, animations, and timelines. Each page may include objects that may be a parent object or a child object. A child object is one that was created by first selecting a parent object, and then creating a child object. Child objects are always part of the same drawing layer as its parent object, but are drawn first, and are not directly selectable when running the Docket Number XPR.002WO0

Application. A parent object is any object that is not a child object, and can be selected when running the Application.

[0099] As an example, the user of authoring tool **112** may create various text objects on canvas **305** using a style that sets the font to red, the fonts of these objects will be red. Suppose user of authoring tool **112** changes the font color of a specific button to green. If later, the user of authoring tool **112** changes the style to blue; all other text objects that were created with that style will become blue except for the button that had been specifically set to green.

[0100] In certain other embodiments, authoring platform **110** provides page view, style, object, widget and Application template libraries. Authoring platform **110** may provide templates in private libraries (available to certain users of the authoring platform) and public libraries (available to all users of the authoring platform). Templates may be used to within authoring platform **110** to define the look and feel of the entire Application, specific pages, or specific slide shows and virtual tours as seen on device **130**.

[0101] Figures 3A and 3B illustrate one embodiment of a publisher interface **300** as it appears, for example and without limitation, on screen **115** while executing authoring tool **112**. In one embodiment, publisher interface **300** includes a Menu bar **301**, a Tool bar **303**, a Canvas **305**, a Layer Inspector **307** having subcomponents of a page/object panel **307a**, an object style panel **307b**, and a page alert panel **307c**, and a Resource Inspector **309**.

[0102] In general, publisher interface **300** permits a user of authoring platform **110** to place objects on canvas **305** and then associate properties and/or actions to the object, which are stored in the Application. As described subsequently, publisher interface **300** permits a user to program a graphical interface for the screen **137** of device **130** on screen **115** of authoring platform **110**, save an Application having the programming instructions, and save a Player for the device. The intended programming is carried out on device **130** when the device, having the appropriate device platform Player, receives and executes the device-independent Application.

[0103] Thus, for example, authoring tool **112** maintains, in memory **111**, a list of every type of object and any properties, actions, events, or bindings that may be assigned to that object. As objects are selected for an Application, authoring tool **112** further maintains, in memory **111**, a listing of the objects. As the user selects objects, publisher interface **300** provides the user with a choice of further defining properties, actions, events, or bindings that may be assigned to each particular object, and continues to store the information in memory **111**.

[0104] In one embodiment, publisher interface **300** is a graphical interface that permits the placement and association of objects in a manner typical of, for example, vector graphics editing programs (such as Adobe Illustrator). Objects located on canvas **305** placed and manipulated by the various commands within publisher interface **300** or inputs such as an input device **117** which may be a keyboard or mouse. As described herein, the contents of canvas **305** may be saved as an Application that, through system **100**, provide the same or a similar placement of objects on screen **137** and have actions defined within publisher interface **300**. Objects placed on canvas **305** are intended for interaction with user of device **130** and are referred to herein, without limitation, as objects or UI (user interface) objects. In addition, the user of interface **300** may assign or associate actions or web bindings to UI objects placed on canvas **305** with result in the programming device **130** that cause it to respond accordingly.

[0105] Objects include, but are not limited to input UI objects, response UI objects. Input UI objects include but are not limited to: text fields (including but not limited to alpha, numeric, phone number, or SMS number); text areas; choice objects (including but not limited to returning the selected visible string or returning a numeric hidden attribute); single item selection lists (including but not limited to returning the selected visible string or returning a numeric hidden attribute); multi item selection lists (including but not limited to returning all selected items (visible text string or hidden attribute) or cluster item selection lists (returning the hidden attributes for all items).

[0106] Other input UI objects include but are not limited to: check boxes; slide show (including but not limited to returning a numeric hidden attribute, returning a string hidden attribute, or returning the hidden attributes for all slides); and submit function (which can be assigned to any object including submit buttons, vectors, etc.).

[0107] Response UI Objects may include, but are not limited to: single line text objects, which include: a text Field (including but not limited to a URL, audio URL, or purchase URL), a text button, a submit button, or a clear button. Another response UI objects include: a multiple line text object, which may include a text area or a paragraph; a check box; an image; a video; a slide show (with either video or image slides, or both); choice objects; list objects; or control lists, which control all the subordinate output UI objects for that web component. Control list objects include, but are not limited to: list type or a choice type, each of which may include a search response list or RSS display list.

[0108] As a further example of objects that may be used with authoring tool **112**, Table I lists Data Types, Preferred Input, Input Candidates, Preferred Output and Output Candidates for one embodiment of an authoring tool.

Data Types	Preferred Input	Input Candidates	Preferred Output	Output Candidates
boolean	Check Box	Check Box	Check Box	Check Box
Int	Text Field (integer)	Text Field (integer) Text Field (Phone #) Text Field (SMS #) Choice List (single select)	Text Field (integer)	Text Field (integer) Text Field (Phone #) Text Field (SMS #) Choice List (single select) Text Button
String	Text Field (Alpha)	Any	Text Field (Alpha)	Any
multilineString	Text Area	Text Area	Text Area	Text Area Paragraph
ImageURL	N/A	N/A	Image	Image Slide Show
VideoURL	N/A	N/A	Video	Video Slide Show
List	Single Item List	Single Item List Multi-Select List Complex List Choice Slide Show	Single Item List	Any List Type Any Choice Type (see Complex List Specification)
ComplexList	Complex List	Single Item List Multi-Select List Complex List	Single Item List	Any List Type (see Complex List Specification)
Slideshow	Slide Show	Slide Show	Slide Show	Slide Show
SearchResponseList	N/A	N/A	Search Response List	Search Response List Control List Complex List Choice
RSSList	N/A	N/A	RSS Display List	RSS Display List Control List Complex List Choice
SingleSelectionList	Choice	Choice Complex List	Choice	Choice Complex List
MultiSelectionList	Multi-Selection List	Multi-Selection List	Multi-Selection List	Multi-Selection List
ServiceActivation	Submit Button	Any	N/A	N/A
ChannelImageURL	N/A	N/A	Image	Image Video Slide Show
ChannelDescription	N/A	N/A	Text Area	Text Area
				Paragraph Text Field Text Button List Choice

ChannelTitle	N/A	N/A	Text Field	Text Field Text Button Paragraph Text Area List Choice
URL			Text Field (URL request)	Text Field (URL request)
Audio URL			Text Field (Audio URL request)	Text Field (Audio URL request)
Purchase URL			Text Field (Purchase URL request)	Text Field (Purchase URL request)
Image Data			Image	Image Slide Show
Image List Data			Slide Show	Slide Show Image
Persistent Variable	N/A	N/A	N/A	N/A
Pipeline Multiple Select	Multi-select List	Multi-select List Complex List Slide Show	N/A	N/A
Phone Number	Text Field (numeric type)	Text Field Text Button	Text Field (numeric type)	Text Field Text Button
Hidden Attribute	Complex List	Complex List Slide Show	Complex List	Complex List Slide Show
Collection List	N/A	N/A	Slide Show	Complex List Slide Show

Table I. One embodiment of supported objects

[0109] In general, publisher interface **300** permits a user to define an Application as one or more Applications Pages, select UI objects from Menu bar **301** or Tool bar **303** and arrange them on an Applications Page by placing the objects canvas **305**. An Application Page is a page that is available to be visited through any navigation event. Application Pages inherit all the attributes of the Master Page, unless that attribute is specifically changed during an editing session.

[0110] Authoring platform **110** also stores information for each UI object on each Application Page of an Application. Layer Inspector **307** provides lists of Applications Pages, UI objects on each Applications Page, and Styles, including templates. Objects may be selected from canvas **305** or Layer Inspector **307** causing Resource Inspector **309** to provide lists of various UI objects attributes which may be selected from within the Resource Inspector. Publisher interface **300** also permits a user to save their work as an Application for layer transfer and operation of device **130**. Publisher interface **300** thus provides an integrated platform for designing the look and operation of device **130**.

[0111] The information stored for each UI object depends, in part, on actions which occur as the result of a user of device **130** selecting the UI object from the device. UI objects include, but

are not limited to: navigational objects, such as widget or channel launch strips or selection lists; message objects for communicating, such as a multiple chat, video chat, phone and/or SMS lists or fields or a pop-up alert; text fields or areas; check boxes; pull down menus; selection lists and buttons; pictures; slide shows; video or LBS maps; shapes or text defined by a variety of tools; a search response; or an RSS display.

[0112] In certain embodiments, publisher interface **300** permits a user to assign action to UI objects, including but not limited to, programming of the device **130** or a request for information over network **N**. In one embodiment, for example and without limitation, publisher interface **300** has a selection to bind a UI object to a web service - that is, associate the UI object or a manipulation or selection of UI object with web services. Publisher interface **300** may also include many drawing and text input functions for generating displays that may be, in some ways, similar to drawing and/or word processing programs, as well as toolbars and for zooming and scrolling of a workspace.

[0113] Each UI object has some form, color, and display location associate with it. Further, for example and without limitation, UI objects may have navigational actions (such as return to home page), communications actions (such as to call the number in a phone number field), or web services (such as to provide and/or retrieve certain information from a web service). Each of the these actions requires authoring platform **110** to store the appropriate information for each action. In addition, UI objects may have associated parent or child objects, default settings, attributes (such as being a password or a phone number), whether a field is editable, animation of the object, all of which may be stored by authoring platform **110**, as appropriate.

[0114] Menu bar **301** provides access features of publisher interface **300** through a series of pull-down menus that may include, but are not limited to, the following pull-down menus: a File menu **301a**, an Edit menu **301b**, a View menu **301c**, a Project menu **301d**, an Objects menu **301e**, an Events menu **301f**, a Pages menu **301g**, a Styles menu **301h**, and a Help menu **301i**.

[0115] File menu **301a** provides access to files on authoring platform **110** and may include, for example and without limitation, selections to open a new Application or master page, open a saved Application, Application template, or style template, import a page, alert, or widget, open library objects including but not limited to an image, video, slide show, vector or list, and copying an Application to a user or to Server **120**.

[0116] Edit menu **301b** may include, but is not limited to, selections for select, cut, copy, paste, and edit functions.

[0117] View menu **301c** may include, but is not limited to, selections for zooming in and out, previewing, canvas **305** grid display, and various palette display selections.

[0118] Project menu **301d** may include, but is not limited to, selections related to the Application and Player, such as selections that require a log in, generate a universal Player, generate server pages, activate server APIs and extend Player APIs. A Universal Player will include all the code libraries for the Player, including those that are not referenced by the current Application. Server APIs and Player APIs logically extend the Player with Server-side or device-side Application specific logic.

[0119] Objects menu **301e** includes selections for placing various objects on canvas **305** including, but not limited to: navigation UI objects, including but not limited to widget or channel launch strips or selection lists; message-related UI objects, including but not limited to multiple chat, video chat, phone and/or SMS lists or fields, or a pop-up alert; shapes, which provides for drawing tools; forms-related objects, including but not limited to text fields; scrolling text box, check box, drop-down menu, list menu, submit button or clear button; media-related UI objects such as pictures, slide shows, video or LBS maps; text-related UI objects such as buttons or paragraphs; and variables, including but not limited to time, date and audio mute control.

[0120] Events menu **301f** includes selections for defining child objects, mouse events, animations or timelines.

[0121] Pages menu **301g** includes selection for handling multi-page Applications, and may include selections to set a master page, delete, copy, add or go to Applications Pages.

[0122] Styles menu **301h** includes selections to handle styles, which are the underlying set of default appearance attributes or behaviors that define any object that is attached to a style. Styles are a convenient way for quickly creating complex objects, and for changing a whole collection of objects by just modifying their common style. Selections of Styles menu **301h** include, but not limited to, define, import, or modify a style, or apply a template. Help menu **301i** includes access a variety of help topics.

[0123] Tool bar **303** provides more direct access to some of the features of publisher interface **300** through a series of pull-down menus. Selections under tool bar **303** may include selections to:

- control the look of publisher interface **300**, such as a Panel selection to control the

for hiding or viewing various panels on publisher interface **300**;

[0124] control the layout being designed, such as an Insert Page selection to permit a user to insert and name pages;

[0125] control the functionality of publisher interface **300**, such as a Palettes selection to choose from a variety of specialized palettes, such as a View Palette for zooming and controlling the display of canvas **305**, a Command Palette of common commands, and Color and Shape Palettes;

[0126] place objects on canvas **305**, which may include selections such as: a Navigation selection to place navigational objects, such as widget or channel launch strips or selection lists), a Messages selection to place objects for communicating, such as a multiple chat, video chat, phone and/or SMS lists or fields, or a pop-up alert, a Forms selection to place objects such as text fields or areas, check boxes, pull down menus, selection lists, and buttons, a Media selection to place pictures, slide shows, video or LBS maps, and a Shapes selection having a variety of drawing tools, a Text selection for placing text, a search response, or an RSS display, and Palettes.

[0127] In one embodiment, Tool bar **303** includes a series of pull-down menus that may include, but are not limited to, items from Menu bar **301** organized in the following pull-down menus: a Panel menu **303a**, an Insert Page menu **303b**, a Navigation menu **303c**, a Messages menu **303d**, a Forms menu **303e**, a Media menu **303f**, a Shapes menu **303g**, a Text menu **303h**, and a Palettes menu **303i**.

[0128] Panel menu **303a** permits a user of authoring platform **110** to change the appearance of interface **300** by, controlling which tools are on the interface or the size of canvas **305**. Insert Page menu **303b** permits a user of authoring platform **110** to open a new Application Page. Navigation menu **303c** displays a drop down menu of navigational-related objects such as a widget or channel launch strip or selection list. Messages menu **303d** displays a drop down menu of messaging-related objects such as multiple chat, video chat, phone or SMS lists or fields, and pop-up alerts. Forms menu **303e** displays a drop down menu of forms-related objects including, but not limited to, a text field, a text area, a check box, a drop down menu, a selection list, a submit button, and a clear button. Media menu **303f** displays a drop down menu of media-related objects including, but not limited to, a picture, slide show, video or LBS map. Shapes menu **303g** displays a drop down menu of draw tools, basic shapes, different types of lines and arrows and access to a shape library. Text menu **303j** displays a drop down menu of text-related objects,

including but not limited to a text button, paragraph, search response, RSS display and variables such as time and date.

[0129] Palettes menu **301i** includes a selection of different palettes that can be moved about publisher interface **300**, where each palette has specialized commands for making adjustments or associations to objects easier. Palettes include, but are not limited to: a page view palette, to permit easy movement between Applications Pages; a view palette, to execute an Application or zoom or otherwise control the viewing of an Application; a commands palette having editing commands; a color palette for selection of object colors; and a shapes palette to facilitate drawing objects.

[0130] Layer inspector **307** permits a user of publisher interface **300** to navigate, select and manipulate UI objects on Applications Pages. Thus, for example, a Page/objects panel **307a** of layer inspector **307** has a listing that may be selected to choose an Applications Pages within an Application, and UI objects and styles within an Applications Page. An Object styles panel **307b** of layer inspector **307** displays all styles on the Applications Page and permits selection of UI objects for operations to be performed on the objects.

[0131] Thus, for example, when objects from Menu bar **301** or Tool bar **303** are placed on canvas **305**, the name of the object appears in Page/objects panel **307a**. Page/objects panel **307a** includes a page display **307a1** and an objects display **307a2**. Page display **307a1** includes a pull down menu listing all Applications Pages of the Application, and objects display **307a2** includes a list of all objects in the Applications Page (that is, objects on canvas **305**).

[0132] In general, page/objects panel **307a** displays various associations with a UI object and permits various manipulations including, but not limited to, operations for parent and child objects that are assigned to a page, and operations for object styles, and permits navigating between page types and object styles, such as switching between the master page and Application pages and deselecting object styles and alerts, opening an Edit Styles Dialog Box and deselecting any master, Application or alert page, or selecting an alert page and deselecting any Master Page or Application Page. A parent or child object can also be selected directly from the Canvas. In either case, the Resource Inspector can then be used for modifying any attribute of the selected object.

[0133] Examples of operations provided by page/objects panel **307a** on pages include, but are not limited to: importing from either a user's private page library or a public page library; deleting a page; inserting a new page, inheriting all the attributes of the Master Page, and placing

the new page at any location in the Page List; editing the currently selected page, by working with an Edit Page Dialog Box. While editing all the functions of the Resource Inspector **309** are available, as described subsequently, but are not applied to the actual page until completing the editing process.

[0134] Examples of operations provided by of page/objects panel **307a** on objects, which may be user interface (UI) objects, include but are not limited to: changing the drawing order layer to: bring to the front, send to the back, bring to the front one layer, or send to the back one layer; hiding (and then reshowing) selected objects to show UI objects obstructed by other UI Objects, delete a selected UI Page Object, and editing the currently selected page, by working with a Edit Page Dialog Box.

[0135] Object styles panel **307b** of layer inspector **307** displays all styles on the Applications Page and permits operations to be performed on objects, and is similar to panel **307a**. Examples of operations provided by object style panel **307b** include, but are not limited to: importing from either a user's private object library or a public object library; inserting a new object style, which can be inherited from a currently selected object, or from a previously defined style object; and editing a currently selected object style by working with an Edit Style Dialog Box.

[0136] Style attributes can be assigned many attributes, including the look, and behavior of any object that inherits these objects. In addition, List Layout Styles can be created or changed as required. A layout style can define a unbounded set of Complex List Layouts, including but not limited to: the number of lines per item in a list, the number of text and image elements and their location for each line for each item in the last, the color and font for each text element, and the vertical and horizontal offset for each image and text element.

[0137] Alerts Panel **307c** provides a way of providing alert pages, which can have many of the attributes of Application Pages, but they are only activated through an Event such as a user interaction, a network event, a timer event, or a system variable setting, and will be superimposed onto whatever is currently being displayed. Alert Pages all have transparent backgrounds, and they function as a template overlay, and can also have dynamic binding to real time content.

[0138] Resource inspector **309** is the primary panel for interactively working with UI objects that have been placed on the Canvas **305**. When a UI object is selected on Canvas **305**, a user of authoring platform **110** may associate properties of the selected object by entering or selecting from resource inspector **309**. In one embodiment, resource inspector **309** includes five tab

selections: Setting Tab **309a**, Events Tab **309b**, Animation Tab **309c**, Color Tab **309d** which includes a color palette for selecting object colors, and Bindings Tab **309e**.

[0139] Settings Tab **309a** provides a dialog box for the basic configuration of the selected object including, but not limited to, name, size, location, navigation and visual settings. Depending upon the type of object, numerous other attributes could be settable. As an example, the Setting Tab for a Text Field may include dialog boxes to define the text field string, define the object style, set the font name, size and effects, set an object name, frame style, frame width, text attributes (text field, password field, numeric field, phone number, SMS number, URL request).

[0140] As an example of Setting Tab **309a**, FIG. 3B shows various selections including, but not limited to, setting **309a1** for the web page name, setting **309a2** for the page size, including selections for specific devices **130**, setting **309a3** indicating the width and height of the object, and setting **309a4** to select whether background audio is present and to select an audio file.

[0141] Figure 3C illustrates an embodiment of the Events Tab **309b**, which includes all end user interactions and time based operations. The embodiment of Events Tab **309b** in FIG. 3C includes, for example and without limitation, an Events and Services **309b1**, Advanced Interactive Settings **309b2**, Mouse State **309b3**, Object Selected Audio Setting **309b4**, and Work with Child Objects and Mouse Overs button **309b5**.

[0142] Events and Services **309b1** lists events and services that may be applied to the selected objects. These include, but are not limited to, going to external web pages or other Applications pages, either as a new page or by launching a new window, executing an Application or JavaScript method, pausing or exiting, placing a phone call or SMS message, with or without single or multiple Player download, show launch strip, or go back to previous page. Examples of events and services include, but are not limited to those listed in Table II

Goto External Web Page replacing Current Frame	ChoiceObject : Remove Icon from Launch Strip
Goto External Web Page Launched in a New Window	Goto a specific Internal Web Page with Alert. "Backend Synchronization"
Goto a specific Internal Web Page	Goto Widget Object
Goto the next Internal Web Page	Generate Alert. "With a Fire Event"
Goto External Web Page replacing the Top Frame	Send SMS Message from Linked Text Field
Execute JavaScript Method	Toggle Alert. "Display OnFocus, Hide OffFocus"
Pause/Resume Page Timeout	Execute an Application with Alert. "With a Fire Event"
Execute an Application	Goto Logical First Page
Goto a specific Internal Web Page with setting starting slide	Generate Alert with Backend Synchronization
Exit Application	Send SMS Message with Share (Player Download)
Exit Player	Place PhoneCall from linked Text Field with Share (Player Download)
Place PhoneCall from linked Text Field	Send IM Alert from linked Text Field or Text Area
Text Field/Area: Send String on FIRE	Set and Goto Starting Page
ChoiceObject : Add Icon to Launch Strip	Populate Image
Text Field/Area: Send String on FIRE or Numeric Keys	Preferred Launch Strip

Table II. Events and Services

[0143] Advanced Interactive Settings **309b2** include Scroll Activation Enabled, Timeline Entry Suppressed, Enable Server Listener, Submit Form, Toggle Children on FIRE, and Hide Non-related Children, Mouse State **309b3** selections are Selected or Fire. When Mouse State Selected is chosen, Object Selected Audio Setting **309b4** of Inactive, Play Once, Loop, and other responses are presented. When Mouse State Fire is chosen, Object Selected Audio Setting **309b4** is replaced with FIRE Audi Setting, with appropriate choices presented.

[0144] When Work with Child Objects and Mouse Overs button **309b5** is selected, a Child Object Mode box pops up, allowing a user to create a child object with shortcut to Menu bar **301** actions that may be used define child objects.

[0145] Figure 3D illustrates one embodiment of an Animation Tab **309c**, which includes all animations and timelines. The Color Tab includes all the possible color attributes, which may vary significantly by object type.

[0146] Animation Tab **309c** includes settings involved in animation and timelines that may be associated with objects. One embodiment of Animation Tab **309c** is shown, without limitation, in Figure 3D, and is described, in Rempell (“Rempell”).

[0147] A Color Tab **309d** includes a color palette for selecting object colors.

[0148] Bindings Tab **309e** is where web component operations are defined and dynamic binding settings are assigned. Thus, for example, a UI object is selected from canvas **305**, and a web component may be selected and configured from the bindings tab. When the user’s work is saved, binding information is associated with the UI object that will appear on screen **137**.

[0149] Figure 3E illustrates one embodiment of Bindings Tab and includes, without limitation, the following portions: Web Component and Web Services Operations **309e1**, Attributes Exposed list **309e2**, panel **309e3** which includes dynamic binding of server-side data base values to attributes for the selected object, Default Attribute Value **309e4**, Database Name **309e5**, Table Name **309e6**, Field Name **309e7**, Channel Name **309e8**, Channel Feed **309e9**, Operation **309e10**, Select Link **309e11**, and Link Set checkbox **309e12**.

[0150] Web Component and Web Services Operations **309e1** includes web components that may be added, edited or removed from a selected object. Since multiple web components can be added to the same object, any combination of mash-ups of 3rd party web services is possible. When the “Add” button of Web Component and Web Services Operations **309e1** is selected, a pop-up menu **319**, as shown in Figure 3F, appears on publisher interface **300**. Pop-up menu **319** includes, but is not limited to, the options of: Select a Web Component **319a**; Select Results Page **319b**; Activation Options **319c**; Generate UI Objects **319d**; and Share Web Component **319e**.

[0151] The Select a Web Component **319a** portion presents a list of web components. As discussed herein, the web components are registered and are obtained from web component registry **220**.

[0152] Select Results Page **319b** is used to have the input and output on different pages - that is, when the Results page is different from Input page. The default selected results page is either the current page, or, if there are both inputs and outputs, it will be set provisionally to the next page in the current page order, if one exists.

[0153] Activation Options **319c** include, if there are no Input UI Objects, a choice to either “Preload” the web component, similar to how dynamic binding, or have the web component executed when the “Results” page is viewed by the consumer.

[0154] Generate UI Objects **319c**, if selected, will automatically generate the UI objects. If not selected, then the author will bind the Web Component Inputs and Results to previously created UI Objects.

[0155] Share Web Component **319e** is available and will become selected under the following conditions: 1) Web Component is Selected which already has been used by the current Application; or 2) the current Input page is also a “Result” page for that Web component. This permits the user of device **130**, after viewing the results, to extend the Web Component allowing the user to make additional queries against the same Web Component. Examples of this include, but are not limited to, interactive panning and zooming for a Mapping Application, or additional and or refined searches for a Search Application.

[0156] Dynamic Binding permits the binding of real time data, that could either reside in a 3rd party server-side data base, or in the database maintained by Feed Collector **1010** for aggregating live RSS feeds, as described subsequently with reference to FIG. 10.

[0157] Referring again to FIG. 3E, Attributes Exposed list **309e2** are the attributes available for the selected object that can be defined in real time through dynamic binding.

[0158] Panel **309e3** exposes all the fields and tables associated with registered server-side data bases. In one embodiment, the user would select an attribute from the “Attributes Exposed List” and then select a data base, table and field to define the real time binding process. The final step is to define the record. If the Feed Collector data base is selected, for example, then the RSS “Channel Name” and the “Channel Feed” drop down menus will be available for symbolically selected the record. For other data bases the RSS “Channel Name” and the “Channel Feed” drop down menus are replaced by a “Record ID” text field.

[0159] Default Attribute Value **309e4** indicates the currently defined value for the selected attribute. It will be overridden in real time based on the dynamic linkage setting.

[0160] Database Name **309e5** indicates which server side data base is currently selected.

[0161] Table Name **309e6** indicates which table of the server side data base is currently selected.

[0162] Field Name **309e7**, indicates which field form the selected table of the server side data base is currently selected.

[0163] Channel Name **309e8** indicates a list of all the RSS feeds currently supported by the Feed Collector. This may be replaced by “Record ID” if a data base other than the Feed Collector **1010** is selected.

[0164] Channel Feed **309e9** indicates the particular RSS feed for the selected RSS Channel. Feed Collector **1010** may maintain multiple feeds for each RSS channel.

[0165] Operation **309e10**, as a default operation, replaces the default attribute value with the real time value. In other embodiments this operation could be append, add, subtract, multiply or divide.

[0166] Select Link **309e11** a button that, when pressed, creates the dynamic binding. Touching the “Select Link” will cause the current data base selections to begin the blink in some manner, and the “Select Link” will change to “Create Link”. The user could still change the data base and attribute choices. Touching the “Create Link” will set the “Link Set” checkbox and the “Create Link” will be replaced by “Delete Link” if the user wishes to subsequently remove the link. When the application is saved, the current active links are used to create the SPDL.

[0167] Link Set checkbox **309e12** indicates that a link is currently active.

[0168] An example of the design of a display is shown in Figures 4A and 4B according to the system **100**, where FIG. 4A shows publisher interface **300** having a layout **410** on canvas **305**, and FIG. 4B shows a device **130** having the resulting layout **420** on screen **137**. Thus, for example, authoring platform **110** is used to design layout **410**. Authoring platform **110** then generates an Application and a Player specific to device **130** of FIG. 4B. The Application and Player are thus used by device **130** to produce layout **420** on screen **137**.

[0169] As illustrated in FIG. 4A, a user has placed the following on canvas **305** to generate layout **410**: text and background designs **411**, a first text input box **413**, a second text input box **415**, and a button **417**. As an example which is not meant to limit the scope of the present invention, layout **410** is screen prompts a user to enter a user name in box **413** and a password in box **415**, and enter the information by clicking on button **417**.

[0170] In one embodiment, all UI objects are initially rendered as Java objects on canvas **305**. When the Application is saved, the UI objects are transformed into the PDL, as described subsequently.

[0171] Thus, for example, layout **410** may be produced by the user of authoring platform **110** selecting and placing a first Text Field as box **413** then using the Resource Inspector **309** portion of interface **300** to define its attributes.

DEVICE USER EXPERIENCE

[0172] Systems **100** and **200** provide the ability for a very large number of different types of user experiences. Some of these are a direct result of the ability of authoring platform **110** to bind UI objects to components of web services. The following description is illustrative of some of the many types of experiences of using a device **130** as part of system **100** or **200**.

[0173] Device **130** may have a one or more of a very powerful and broad set of extensible navigation objects, as well as object- and pointer-navigation options to make it easy to provide a small mobile device screen **137** with content and to navigate easily among page views, between Applications, or within objects in a single page view of an Application.

[0174] Navigation objects include various types of launch strips, various intelligent and user-friendly text fields and scrolling text boxes, powerful graphical complex lists, as well as Desktop-level business forms. In fact, every type of object can be used for navigation by assigning a navigation event to it. The authoring tool offers a list of navigation object templates, which then can be modified in numerous ways.

Launch Strips and Graphical List Templates Launch Strips

[0175] Launch strips may be designed by the user of authoring platform **110** with almost no restrictions. They can be stationary or appear on command from any edge of the device, their size, style, audio feedback, and animations can be freely defined to create highly compelling experiences.

[0176] Figure 5 shows a display **500** of launch strips which may be on displayed canvas **305** or on screen **137** of device **130** having the proper Player and Application. Display **501** includes a portal-type Launch Strip **501** and a channel-type Launch Strip **502**, either one of which may be included for navigating the Application.

[0177] Launch Strip **501** includes UI objects **501a**, **501b**, **501c**, **501d**, and **501e** that that becomes visible from the left edge of the display, when requested. UI objects **501a**, **501b**, **501c**, **501d**, and **501e** are each associated, through resource inspector **309** with navigational instructions, including but not limited to navigating to a different Applications Page, or

requesting web content. When the Applications Page, having been saved by authoring platform **110** and transferred to display **130**, is executed on device **130**, a user of the device may easily navigate the Application.

[0178] Launch Strip **502** includes UI objects **502b**, **502c**, **502d**, and **503e** that that becomes visible from the bottom of the display, when requested. UI objects **501a**, **501b**, **501c**, **501d**, and **501e** are each associated, through resource inspector **309** with navigational instructions, including but not limited to navigating to a different Applications Page, or requesting web content. Launch Strip **502** also includes UI objects **502a** and **503g**, which include the graphic of arrows, and which provide access to additional navigation objects (not shown) when selected by a user of device **130**. Launch strip **502** may also include sound effects for each channel when being selected, as well as popup bubble help.

[0179] Additional navigational features are illustrated in Figure 6A as a display of a Channel Selection List **601a**, in Figure 6B as a display of a Widget Selection List **601b**, and in Figure 6C as display of a Phone List **601c**. Lists **601a**, **601b**, and **601c** may be displayed on canvas **305** or on screen **137** of device **130** having the proper Player and Application. As illustrated, graphical lists **601a**, **601b**, and **601c** may contain items with many possible text and image elements. Each element can be defined at authoring time and/or populated dynamically through one or more Web Service **250** or API. Assignable Navigation Events. All objects, and/or all elements within an object, can be assigned navigation events that can be extended to registered web services or APIs. For example, a Rolodex-type of navigation event can dynamically set the starting slide of the targeted page view (or the starting view of a targeted Application).

[0180] In the embodiment of FIGS. 6A, 6B, and 6C, each list **601a**, **601b**, and **601c** has several individual entries that are each linked to specific actions. Thus Channel Selection List **601a** shows three objects, each dynamically linked to a web service (ESPN, SF 49ers, and Netflix) each providing a link to purchase or obtain items from the Internet. Widget Selection List **601b** includes several objects presenting different widgets for selecting. Phone List **601c** includes a list phone number objects of names that, when selected by a user of device **130** cause the number to be dialed Entries in Phone List **601c** may be generated automatically from either the user's contact list that is resident on the device, or though a dynamic link to any of user's chosen server-side facilities such as Microsoft Outlook, Google Mail, etc. In one embodiment, Phone List **601c** may be generated automatically using a web component assigned to the Application, which would automatically perform those functions.

[0181] In another embodiment, authoring platform **110** allows a navigation selection of objects with a Joy Stick and/or Cursor Keys in all 4 directions. When within a complex object the navigation system automatically adopts to the navigation needs for that object. For coordinate sensitive objects such as geographical information services (GIS) and location-based services (LBS) or virtual tours a soft cursor appears. For Lists, scrolling text areas and chats, Launch strips, and slide shows the navigation process permits intuitive selection of elements within the object. Scroll bars and elevators are optionally available for feedback. If the device has a pointing mechanism then scroll bars are active and simulate the desktop experience.

Personalization and Temporal Adoption

[0182] System **100** and **200** permit for the personalization of device **130** by a variety of means. Specifically, what is displayed on screen **137** may depend on either adoption or customization. Adoption refers to the selection of choices, navigation options, etc. are based on user usage patterns. Temporal adoption permits the skins, choices, layouts, content, widgets, etc. to be further influenced by location (for example home, work or traveling) and time of day (including season and day of week). Customization refers to user selectable skins, choices, layouts, dynamic content, widgets, etc. that are available either through a customization on the phone or one that is on the desktop but dynamically linked to the user's other internet connected devices.

[0183] To support many personalization functions there must be a convenient method for maintaining, both within a user's session, and between sessions, memory about various user choices and events. Both utilizing a persistent storage mechanism on the device, or a database for user profiles on a server, may be employed.

[0184] Figure 7 shows a display **700** of a mash-up which may be on displayed canvas **305** or on screen **137** of device **130** having the proper Player and Application. Display **700** includes several object **701** that have been dynamically bound, including an indication of time **701a**, an indication of unread text messages **701b**, an RSS news feed **701c** (including 2 "ESPN Top Stories" **701c1** and **701c2**), components **701d** from two Web Services - a weather report ("The Weather Channel"), and a traffic report **701e** ("TRAFFIC.COM").

[0185] In assembling the information of display **700**, device **130** is aware of the time and location of the device - in this example the display is for a workday when a user wakes. Device **130** has been customized so that on a work day morning the user wishes to receive the displayed information. Thus in the morning, any messages received overnight would be flagged, the user's

favorite RSS sports feeds would be visible, today's weather forecast would be available, and the current traffic conditions between the user's home and office would be graphically depicted. User personalization settings may be maintained as persistent storage on device **130** when appropriate, or in a user profile which is maintained and updated in real-time in a server-side data base.

PUSH CAPABLE SYSTEMS

[0186] In another embodiment system **100** or **200** is a push-capable system. As an example, of such systems, short codes may be applied to cereal boxes and beverage containers, and SMS text fields can be applied to promotional websites. In either case, a user of device **130** can text the short code or text field to an SMS server, which then serves the appropriate Application link back to device **130**.

[0187] Figure 8 is a schematic of an embodiment of a push enabled system **800**. System **800** is generally similar to system **100** or **200**. Device **130** is shown as part of a schematic of a push capable system **800** in Figure 8. System **800** includes a website system **801** hosting a website **801**, a server **803** and a content server **805**. System **801** is connected to servers **803** and/or **805** through the Internet. Server **803** is generally similar to server **120**, servers **805** is generally similar to server **140**.

[0188] In one embodiment, a user sets up a weekly SMS update from website system **801**. System **801** provides user information to server **803**, which is an SMS server, when an update is ready for delivery. Server **803** provides device **130** with an SMS indication that the subscribed information is available and queries the user to see if they wish to receive the update. Website **801** also provides content server **805** with the content of the update. When a user of device **130** responds to the SMS query, the response is provided to content server **805**, which provides device **130** with updates including the subscribed content.

[0189] In an alternative embodiment of system **800**, server **803** broadcasts alerts to one or more devices **130**, such as a logical group of devices. The user is notified in real-time of the pending alert, and can view and interact with the message without interrupting the current Application.

[0190] Figure 9 is a schematic of an alternative embodiment of a push enabled system **900**. System **900** is generally similar to system **100**, **200**, or **800**. In system **900** a user requests information using an SMS code, which is delivered to device **130**. System **900** includes a promotional code **901**, a third-party server **903**, and content server **805**. Server **803** is connected to servers **803** and/or **805** through the Internet, and is generally similar to server **120**.

[0191] A promotional code **901** is provided to a user of device **130**, for example and without limitation, on print media, such as on a cereal box. The use of device **130** sends the code server **903**. Server **903** then notifies server **805** to provide certain information to device **130**. Server **805** then provides device **130** with the requested information.

DEVICE ROUTINES

[0192] Device routines **114** may include, but are not limited to: an authoring tool SDK for custom code development including full set of Java APIs to make it easy to add extensions and functionality to mobile Applications and tie Applications to back-end databases through the content server **140**; an expanding set of web services **250** available through the authoring tool SDK; a web services interface to SOAP/XML enabled web services; and an RSS/Atom and RDF feed collector **1010** and content gateway **1130**.

Authoring tool SDK for custom code development including full set of Java APIs

[0193] In one embodiment, authoring platform **110** SDK is compatible for working with various integrated development environments (IDE) and popular plug ins such as J2ME Polish. In one embodiment the SDK would be another plug in to these IDEs. A large and powerful set of APIs and interfaces are thus available through the SDK to permit the seamless extension of any Application to back end business logic, web services, etc. These interfaces and APIs may also support listeners and player-side object operations.

[0194] There is a large set of listeners that expose both player-side events and dynamically linked server side data base events. Some examples of player side events are: player-side time based event, a page entry event, player-side user interactions and player-side object status. Examples of server-side data base events are when a particular set of linked data base field values change, or some filed value exceeds a certain limit, etc.

[0195] A superset of all authoring tool functionality is available through APIs for layer-side object operations. These include, but are not limited to: page view level APIs for inserting, replacing, and or modifying any page object; Object Level APIs for modifying any attribute of existing objects, adding definitions to attributes, and adding, hiding or replacing any object.

Authoring tool SDK available Web Services

[0196] The APIs permit, without limit, respond, with or without relying on back-end business logic, that is, logic that what an enterprise has developed for their business, to any player-side

event or server-side dynamically linked data-base, incorporating any open 3rd party web service(s) into the response.

RSS/ATOM AND RDF FEED CONVERSION WEB SERVICE

[0197] Figure 10 is a schematic of one embodiment a system **1000** having a feed collector **1010**. System **1000** is generally similar to system **100**, **200**, **800**, or **900**. Feed collector **1010** is a server side component of system **100** that collects RSS, ATOM and RDF format feeds from various sources **1001** and aggregates them into a database **1022** for use by the Applications built using authoring platform **110**.

[0198] Feed collector **1010** is a standard XML DOM data extraction process, and includes Atom Populator Rule **1012**, RSS Populator Rule **1013**, RDF Populator Rule **1014**, and Custom Populator Rule **1016**, DOM XML Parsers **1011**, **1015**, and **1017**, Feed Processed Data Writer **1018**, Custom Rule Based Field Extraction **1019**, Rule-based Field Extraction **1020**, Channel Data Controller **1021**, and Database **1022**.

[0199] The feed collector is primarily driven by two sets of parameters: one is the database schema (written as SQL DDL) which defines the tables in the database, as well as parameters for each of the feeds to be examined. The other is the feed collection rules, written in XML, which can be used to customize the information that is extracted from the feeds. Each of the feeds is collected at intervals specified by the feed parameter set in the SQL DDL.

[0200] Feed collector **1010** accepts information from ATOM, RDF or RSS feed sources **1001**. Using a rules-based populator, any of these feeds can be logically parsed, with any type of data extraction methodology, either by using supplied rules, or by the author defining their own custom extraction rule. The rules are used by the parser to parse from the feed sources, and the custom rule base field extraction replaces the default rules and assembles the parsed information into the database

[0201] In particular, Atom Populator Rule **1012**, RSS Populator Rule **1013**, RDF Populator Rule **1014**, Custom Populator Rule **1016**, and DOM XML Parsers **1011**, **1015**, and **1017** are parse information from the feeds **1001**, and Feed Processed Data Writer **1018**, Custom Rule Based Field Extraction **1019**, Rule-based Field Extraction **1020**, and Channel Data Controller **1021**, supply the content of the feeds in Database **1022**, which is accessible through content server **140**.

[0202] Figure 11 is a schematic of an embodiment of a system **1100** having a Mobile Content Gateway **1130**. System **1100** is generally similar to system **100**, **200**, **800**, **900**, or **1000**. System **1100** includes an SDK **1131**, feed collector **1010**, database listener **1133**, transaction server **1134**, custom code **1135** generated from the SDK, Java APIs, Web Services **1137**, and PDL snippets compacted objects **1139**. System **1100** accepts input from Back End Java Code Developer **1120** and SOAP XML from Web Services **1110**, and provides dynamic content to server **140** and Players to devices **130**.

[0203] In one embodiment authoring platform **110** produces a Server-side PDL (SPDL) at authoring time. The SPDL resides in server **120** and provides a logical link between the Application's UI attributes and dynamic content in database **1022**. When a user of device **130** requests dynamic information, server **120** uses the SPDL to determine the link required to access the requested content.

[0204] In another embodiment Web Services **1137** interface directly with 3rd party Web Services **1110**, using SOAP, REST, JAVA, JavaScript, or any other interface for dynamically updating the attributes of the Application's UI objects.

XSP WEB PAGES AS A WEB SERVICE

[0205] In one embodiment, a PDL for a page is embedded within an HTML shell, forming one XSP page. The process of forming XSP includes compressing the description of the page and then embedding the page within an HTML shell.

[0206] In another embodiment, a PDL, which contains many individual page definitions, is split into separate library objects on the server, so that each page can be presented as a PDL as part of a Web Service.

[0207] Prior to compression the code has already been transformed so that there are no dependencies on the original programming language (Java), and the code and data have been reduced by 4 to 10 times.

[0208] Compression has two distinct phases. The first takes advantage of how the primitive representations had been assembled, while the second utilizes standard LZ encoding.

[0209] The final result is an overall reduction of 40 to 100 times the original size as represented by Java serialized objects.

[0210] One embodiment for compacting data that may be used is described in Rempell. In that patent the compressed data is described as being a database. The terminology used here is a PDL, that is the “internal database” of Rempell is equivalent to the PDL of the present Application.

[0211] In Rempell, a process for compacting a “database” (that is, generating a compact PDL) is described, wherein data objects, including but not limited to, multi media objects such as colors, fonts, images, sound clips, URLs, threads, and video, including multi level animation, transformation, and time line are compacted. As an extension to Rempell in all cases these objects are reduced and transformed to Boolean, integer and string arrays.

[0212] The compression technique involves storing data in the smallest arrays necessary to compactly store web page information. The technique also includes an advanced form of delta compression that reduces integers so that they can be stored in a single byte, as high water marks.

[0213] Thus, for example, the high water mark for different types of data comprising specific web site settings are stored in a header record as Boolean and integer variables and URL and color objects. Data that defines web page, paragraph, text button, and image style and text button, image and paragraph high watermark settings can be stored in one-dimensional arrays as Boolean, integer and string variables and URL, font, image or thread objects at. The URL, color, font, image and thread objects can also be created as required

[0214] Data that defines text button, image, paragraph, or other parent objects and paragraph line high watermark settings can be stored in two-dimensional arrays (by web page and by object number) as Boolean, integer, string, floating point variables and URLs. Again, the URL, color, font, image, audio clip, video clip, text area and thread objects can also be created as required. Data that defines a paragraph line and paragraph line segment high watermarks can be stored in three-dimensional arrays (by web page, by paragraph number, and by line number) as Boolean, integer or string variables. Again, the URL, color or font objects can be created as required. Data that defines a paragraph line segment can be stored into four-dimensional arrays (by web page, by paragraph number, by line number and by line number segment) as Boolean, integer or string variables or URL, color and font objects.

[0215] As a data field is added, changed or deleted, a determination is made as to whether a value for a given high watermark needs to be changed. If so, it is updated. As a specific method in the build engine is called, a determination is made on whether a feature flag needs to be set.

For example, if a particular JAVA method is called, which requires an instance of a certain JAVA Class to be executed by the run time engine, then that JAVA Class is flagged, as well as any supporting methods, variables and/or object definitions.

[0216] In one implementation, the header record, the style record, the web page record, and the object records, are carefully defined in a specific order, written in that order, and explicitly cast by object type when read by the run time engine. Exception handling can be implemented to recover from any errors. This helps assure that data integrity is maintained throughout the build and run time processes.

[0217] Also described in Rempell is the "run generation process." This is equivalent generating a Player in the present application. This process starts when the build process detects that the user is finished defining the web site (user has saved the web site and invokes the run generation process), and concludes with the actual uploading of all the necessary web site run time files to the user's server.

[0218] In one embodiment, the PDL includes a first record, a "Header" record, which contains can include the following information:

[0219] 1: A file format version number, used for upgrading database in future releases.

[0220] 2: The default screen resolution, in virtual pixels, for both the screen width and height. This is usually set to the web designer's screen resolution, unless overwritten by the user.

[0221] 3: Whether the Application is a web site.

[0222] 4: Virtual web page size settings. A calculation is performed by the build engine method, in order to calculate what the maximum web page length is, after reformatting all paragraphs on all internal web pages, based on the default screen resolution.

[0223] 5: Web page and styles high watermarks.

[0224] 6: The Websitename.

[0225] As new web pages or new objects are created by the user, or as text is added to or deleted from a paragraph, or as new styles are created or deleted, appropriate high watermarks are set, in order to show the current number of each of these entities. Thus, the values for the number of active web pages and the number of text button, image, paragraph or other styles are written as high watermarks in the header. The high watermarks for the number of text button,

image, paragraph or other objects that exist for each web page, the number of lines for each paragraph object, and the number of line segments for each paragraph line are written within the body of the PDL, and used as settings for each of the loops in the four-dimensional data structure. Because no structural limits are set on the number of web pages, objects per web page, styles, or paragraph size, these high watermarks greatly reduce the external database file size, and the time it takes for the run time engine to process the data stored in its database.

[0226] The settings for all paragraph, text button and image styles are then written as a style record based on their high watermark. This data includes Boolean and integer variables, and font and color objects, written as a one-dimensional array, based on the high watermark values for the number of styles that exist.

[0227] The body of the PDL is then written. All Boolean values are written inside a four-dimensional loop. The outside loop contains the Boolean values used to define web pages (i.e. a one-dimensional array definition) as well as the high watermarks for the number of text button, image, paragraph or other objects per web page, with the loop set at the high watermark which defines the number of existing web pages for this web site structure. The second level consists of three or more two dimensional loops with the loops set to the high watermarks defining the actual number of text button, image, and paragraph or other objects that appear on any given web page and contains the values used to define web page objects ((i.e. a two-dimensional array definition; web page number by object number). Included within the loop for paragraph objects are the high watermarks for the number of lines for each paragraph object. The third loop is set by the high watermark defining the actual number of paragraph lines that for all paragraphs on any web page and contains the values used to define paragraph lines (i.e. a three-dimensional array definition; web page number by object number by paragraph line.) Included within the loop for paragraph lines are the high watermarks for the number of line segments for each paragraph line. The inner most loop is set by the high watermarks defining the number of line segments per paragraph line and contains the values used to define paragraph line segments (i.e. a four-dimensional array definition; web page number by object number by paragraph line by paragraph line segment).

[0228] All integer values are written inside a four-dimensional loop. Their four loops are controlled by the same high watermark settings as used for the Boolean records, and they describe the same logical entities.

[0229] Multimedia objects are written inside a two-dimensional loop. They include URL, color, and font objects, and can include other types of objects. A URL object is the encoded form of a URL Address, used by a web browser or a JAVA method to access files and web addresses.

All multimedia objects must be serialized before they can be written. This means that the objects are converted into a common external definition format that can be understood by the appropriate deserialization technique when they are read back in and cast into their original object structure. The outside loop contains web page related objects, and the inner loop contains image, text button, paragraph, etc. related URL, color, and font objects. The outer loop is defined by the web page high watermark and the inner loops by the high watermarks for the actual number of text button, image, paragraph or other objects on a web page.

[0230] String records are written inside a four-dimensional loop. The outer loop may be empty. The second loop can include the string values for text button objects, audio and video filenames, and audio and video channel names. The third loop contains values for paragraph line related data, and the innermost loop contains the values for paragraph line segment definitions. The string records are controlled by the same high watermarks as those used for Boolean and integer records. String records are stored utilizing an appropriate field delimiter technology. In one implementation, a UTF encoding technology that is supported by JAVA is utilized.

[0231] Single and double floating-point, and long integer records are written inside a two-dimensional loop. The outer loop may be empty. The inner loop contains mathematical values required for certain animations and image processing algorithms. The single and double floating-point, and long integer records are controlled by the same high watermarks as those used for Boolean and integer records.

[0232] In one embodiment, a versionizing program analyzes the feature flags, and only those variable definitions, defined in the "Main" object class, relating to the object classes and methods that will be executed at run time, are extracted. All references to object classes that will be called at run time are extracted, creating the source code for the run engine "Main" object class that is ready for compilation.

[0233] All external image, video and audio files are resolved. The external references can be copied to designated directories, either on the user's local disk or file server. The file Pathnames can be changed to reflect these new locations. During the installation of the build tools, the necessary class libraries are either installed on the local system or made available on the server where the build tools can be optionally located. The necessary environmental variables are set to permit normal access to the required class libraries.

[0234] The customized run engine and a library of the referenced run time classes are compiled and converted into byte code. Finally, the run time engine for the web site is created.

The required set of class objects required at run time is flagged for inclusion into the CAB/JAR file.

[0235] Next, an HTML Shell File (HSF) is constructed. The first step of this process is to determine whether the dynamic web page and object resizing is desired by testing the Application setting. If the Application was a web page, and thus requiring dynamic web page and object resizing, virtual screen resolution settings are placed in an appropriate HTML compliant string. If the Application is a banner or other customized Application, the absolute values for the run time object (applet size) height and width are placed in an appropriate HTML compliant string as absolute width and height values.

[0236] An analysis is made for the background definition for the first internal web page. If a background pattern is defined, an appropriate HTML compliant string for setting the HTML "background" to the same background image is generated. If the first web page definition is a color instead, then the RGB values from those colors are converted to hexadecimal and an appropriate HTML compliant String is generated setting the "bgcolor" to the required hexadecimal value. This process synchronizes the web page background with the background that will be drawn by the web browser when it first interprets the HSF.

[0237] Thereafter, a JAVA method generates HTML and JavaScript compliant strings, that when executed by a web browser, generate additional sets of HTML and JavaScript compliant strings that are again executed by the web browser. More specifically, if the Application required dynamic web page and object resizing then JavaScript and HTML compliant strings are generated so that, when interpreted by the web browser at the time the HTML Shell File is initialized, the screen resolution sensing JAVA applet (SRS) will be executed. JavaScript code is generated in order to enable JavaScript to SRS applet communication. In one implementation, the code is generated by performing the following functions:

[0238] 1: Determine the current web browser type.

[0239] 2: Load the SRS from either a JAR or CAB File, based on web browser type.

[0240] 3: Enter a timing loop, interrogating when the SRS is loaded.

[0241] 4: When the SRS returns an "available" status, interrogate the SRS, which will return the current screen and window's actual height and width.

[0242] 5: Convert the virtual screen resolution settings into appropriate absolute screen width and height values.

[0243] Strings defining additional JavaScript code are generated that perform the following steps at the time the HSF is initialized by the web browser:

[0244] 1: Generate HTML compliant strings that set the run time engine's applet size to the appropriate values.

[0245] 2: Generate an HTML complaint string that contains a "param" definition for linking the run time engine to the PDL.

[0246] 3: Generate an HTML complaint string, dependent upon the type of web browser, which causes the current web browser to load either the JAR or the CAB File(s).

[0247] 4: Generate JavaScript Code compliant strings that create and dynamically write the applet size defining HTML strings utilizing the JavaScript "document.write" function. This dynamically created code causes the web browser to execute the run time engine, in the correctly sized window, from the correct JAR or CAB file, and linked to the external database.

[0248] The writing out the above-generated HTML and JavaScript compliant strings creates the HSF. The necessary security policy permissions are asserted, and a "Websitename".html file is created.

[0249] In one embodiment, the processes for creating the CAB and JAR Files is as follows. The image objects, if any, which were defined on the first internal web page are analyzed. If they are set to draw immediately upon the loading of the first web page, then they are flagged for compression and inclusion in the CAB and JAR Files. The feature flags are analyzed to determine which JAVA classes have been compiled. These class files are flagged for compression and inclusion in the library CAB and JAR Files. Strings that are BAT compliant definitions are created that will, when executed in DOS, create compressed CAB and JAR Files. These CAB and JAR Files contain the compressed versions of all necessary JAVA class files, image files, the "Websitename".class, customized run time engine file, and the "Websitename".dta database file. In one implementation of the invention, two BAT files are created. The first, when executed, will create a CAB/JAR file with the "Websitename".dta database file and the customized "main" run time engine, excluding all the image and button object animation, transformation, and image processing code. The second BAT file, when

executed, will create a CAB/JAR file with all the library of all the referenced image and button object animation, transformation, and image processing code.

[0250] The necessary security policy permissions for file creation are then asserted, and "Websitename".bat and "Websitenamelib".bat files are written. The "Websitename".bat and "Websitenamelib".bat files are then executed under DOS, creating compressed "Websitename".cab and "Websitenamelib".cab files and compressed "Websitename" jar and "Websitenamelib" jar files. The HTML Shell File and the JAR and CAB files are then, either as an automatic process, or manually, uploaded to the user's web site. This completes the production of an XSP page that may be accessed through a web browser.

DISPLAYING CONTENT ON A DEVICE

Decompression Management

[0251] Authoring platform **110** uses compaction to transform the code and data in an intelligent way while preserving all of the original classes, methods and attributes. This requires both an intelligent server engine and client (handset) Player, both of which fully understand what the data means and how it will be used.

[0252] The compaction technology described above includes transformation algorithms that deconstruct the logic and data into their most primitive representations, and then reassembles them in a way that can be optimally digested by further compression processing. This reassembled set of primitive representations defines the PDL of authoring platform **110**.

[0253] Prior to compression the code has already been transformed so that there are no dependencies on the original programming language (Java). The data is then compressed by first taking advantage of how the primitive representations had been assembled, and then by utilizing standard LZ encoding. The final result is an overall reduction of 40 to 100 times the original size as represented by Java serialized objects.

[0254] The Player, when preparing a page view for execution, decompresses and then regenerate the original objects, but this time in compliance with the programming APIs of device **130**. Specifically, device **130** operates on compacted image pages, one at a time. The cache manager retrieves, decompresses, and reassembles the compacted page images into device objects, which are then interpreted by device **130** for display on screen **137**.

Response Director

[0255] In one embodiment, system **100** includes a Response Director, which determines a user's handset, fetches the correct Application from different databases, and delivers a respective highly compressed Application in a PDL format over the air (OTA).

[0256] In one embodiment, the Response Director operates on a network connected computer to provide the correct Player to a given device based on the information the device sent to it. As an example, this may occur when a device user enters their phone number into some call-to-action web page. The response director is called and sends an SMS message to the device, which responds, beginning the recognition process.

[0257] Figure 12 illustrates one embodiment of a system **1200** that includes a response director **210**, a user agent database **1201**, an IP address database **1203**, and a file database **1205**. System **1200** is generally similar to system **100**, **200**, **800**, **900**, **1000**, or **1100**.

[0258] Databases **1201**, **1203**, and **1205** may reside on server **120**, **210**, or any computer system in communication with response director **210**. System **1200**, any mobile device can be serviced, and the most appropriate Application for the device will be delivered to the device, based on the characteristics of the device.

[0259] User agent database **1201** includes user agent information regarding individual devices **130** that are used to identify the operating system on the device. IP address database **1203** identifies the carrier/operator of each device **130**. File database **1205** includes data files that may operate on each device **130**.

[0260] The following is an illustrative example of the operation of response director **210**. First, a device **1300** generates an SMS message, which automatically sends an http:// stream that includes handset information and its phone number to response director **210**. Response director **210** then looks at a field in the http header (which includes the user agent and IP address) that identifies the web browser (i.e., the "User Agent"). The User Agent prompts a database lookup in user agent database **1201** which returns data including, but not limited to, make, model, attributes, MIDP 1.0 MIDP 2.0, WAP and distinguishes the same models from different countries. A lookup of the IP address in IP address **1203** identifies the carrier/operator.

[0261] File database **1205** contains data types, which may include as jad1, jad2, html, wml/wap2, or other data types, appropriate for each device **130**. A list of available Applications are returned to a decision tree, which then returns, to device **130**, the Application that is

appropriate for the respective device. For each file type, there is an attributes list (e.g., streaming video, embedded video, streaming audio, etc.) to provide enough information to determine what to send to the handset.

[0262] Response director **210** generates or updates an html or jad file populating this text file with the necessary device and network dependent parameters, including the Application dependent parameters, and then generate, for example, a CAB or JAD file which contains the necessary Player for that device. For example, the jad file could contain the operator or device type or extended device-specific functions that the player would then become aware of.

[0263] If there is an Application that has a data type that device **130** cannot support, for example, video, response director **210** sends an alternative Application to the handset, for example one that has a slide show instead. If the device cannot support a slide show, an Application might have text and images and display a message that indicates it does not support video.

[0264] Another powerful feature of response director **210** is its exposed API from the decision tree that permits the overriding of the default output of the decision tree by solution providers. These solution providers are often licensees who want to further refine the fulfillment of Applications and Players to specific devices beyond what the default algorithms provide. Solution providers may be given a choice of Applications and then can decide to use the defaults or force other Applications.

[0265] Authoring platform **110** automatically scales Applications at publishing time to various form factors to reduce the amount of fragmentation among devices, and the Response Director serves the appropriately scaled version to the device. For example, a QVGA Application will automatically scale to the QCIF form factor. This is important because one of the most visible forms of fragmentation resides in the various form factors of wireless, and particularly mobile, devices, which range from 128x128, 176x208, 240x260, 220x220, and many other customized sizes in between.

[0266] Figure 13 is a schematic of an embodiment of a system **1300**. System **1300** is generally similar to system **1200**. System **1300** is an overview of the entire Player fulfillment process, starting with the generation of players during the player build process.

[0267] System **1300** includes response director **210**, a device characteristics operator and local database **1301**, a player profile database **1303** and a player build process **1305**, which may be authoring platform **110**.

[0268] As an example of system **1300**, when response director **210** receives an SMS message from device **130**, the response director identifies the device characteristics operator and locale from database **1301** and a Player URL from database **1303** and provides the appropriate Player to the device.

[0269] In another embodiment, Player **P** extend the power of response director **210** by adapting the Application to the resources and limitations of any particular device. Some of these areas of adaptation include the speed of the device's microprocessor, the presence of device resources such as cameras and touch screens. Another area of adaptation is directed to heap, record store and file system memory constraints. In one embodiment, the Player will automatically throttle down an animation to the frame rate that the device can handle so that the best possible user experience is preserved. Other extensions include device specific facilities such as location awareness, advanced touch screen interactions, push extensions, access to advanced phone facilities, and many others

Memory Management

[0270] In one embodiment, Player **P** includes a logical page virtual memory manager. This architecture requires no supporting hardware and works efficiently with constrained devices. All page view images, which could span multiple Applications, are placed in a table as highly compacted and compressed code. A typical page view will range from 500 bytes up to about 1,500 bytes. (See, for example, the Rempell patent) When rolled into the heap and instantiated this code increases to the more typical 50,000 up to 250,000 bytes. Additional alert pages may also be rolled into the heap and superimposed on the current page view. Any changes to any page currently downloaded are placed in a highly compact change vector for each page, and rolled out when the page is discarded. Note that whenever an Application is visited that had previously been placed in virtual memory the Server is interrogated to see if a more current version is available, and, if so, downloads it. This means that Application logic can be changed in real-time and the results immediately available to mobile devices.

[0271] To operate efficiently with the bandwidth constraints of mobile devices, authoring platform **110** may also utilize anticipatory streaming and multi-level caching. Anticipatory streaming includes multiple asynchronous threads and IO request queues. In this process, the

current Application is scanned to determine if there is content that is likely to be required in as-yet untouched page views. Anticipatory streaming also looks for mapping Applications, where the user may zoom or pan next so that map content is retrieved prior to the user requesting it. For mapping applications, anticipatory streaming downloads a map whose size is greater than the map portal size on the device and centered within the portal. Any pan operation will anticipatory stream a section of the map to extend the view in the direction of the pan while, as a lower priority, bring down the next and prior zoom levels for this new geography. Zooming will always anticipatory stream the next zoom level up and down.

[0272] Multi-level caching determines the handset's heap through an API, and also looks at the record store to see how much memory is resident. This content is placed in record store and/or the file system, and may, if there is available heap, also place the content there as well. Multi-level caching permits the management of memory such that mobile systems best use limited memory resources. Multi-level caching is a memory management system with results similar to embedding, without the overhead of instantiating the content. In other words, with multi-level caching, handset users get an "embedded" performance without the embedded download. Note that when content is flagged as cacheable and is placed in persistent storage, a digital rights management (DRM) solution will be used.

[0273] One embodiment of each of the methods described herein is in the form of a computer program that executes on a processing system. Thus, as will be appreciated by those skilled in the art, embodiments of the present invention may be embodied as a method, an apparatus such as a special purpose apparatus, an apparatus such as a data processing system, or a carrier medium, e.g., a computer program product. The carrier medium carries one or more computer readable code segments for controlling a processing system to implement a method. Accordingly, aspects of the present invention may take the form of a method, an entirely hardware embodiment, an entirely software embodiment or an embodiment combining software and hardware aspects. Furthermore, the present invention may take the form of carrier medium (e.g., a computer program product on a computer-readable storage medium) carrying computer-readable program code segments embodied in the medium. Any suitable computer readable medium may be used including a magnetic storage device such as a diskette or a hard disk, or an optical storage device such as a CD-ROM.

[0274] It will be understood that the steps of methods discussed are performed in one embodiment by an appropriate processor (or processors) of a processing (i.e., computer) system executing instructions (code segments) stored in storage. It will also be understood that the

invention is not limited to any particular implementation or programming technique and that the invention may be implemented using any appropriate techniques for implementing the functionality described herein. The invention is not limited to any particular programming language or operating system. It should thus be appreciated that although the coding for programming devices has not been discussed in detail, the invention is not limited to a specific coding method. Furthermore, the invention is not limited to any one type of network architecture and method of encapsulation, and thus may be utilized in conjunction with one or a combination of other network architectures/protocols.

[0275] Reference throughout this specification to “one embodiment,” “an embodiment,” or “certain embodiments” means that a particular feature, structure or characteristic described in connection with the embodiment is included in at least one embodiment of the present invention. Thus, appearances of the phrases “in one embodiment,” “in an embodiment,” or “in certain embodiments” in various places throughout this specification are not necessarily all referring to the same embodiment. Furthermore, the particular features, structures or characteristics may be combined in any suitable manner, as would be apparent to one of ordinary skill in the art from this disclosure, in one or more embodiments.

[0276] Throughout this specification, the term “comprising” shall be synonymous with “including,” “containing,” or “characterized by,” is inclusive or open-ended and does not exclude additional, unrecited elements or method steps. “Comprising” is a term of art which means that the named elements are essential, but other elements may be added and still form a construct within the scope of the statement. “Comprising” leaves open for the inclusion of unspecified ingredients even in major amounts.

[0277] Similarly, it should be appreciated that in the above description of exemplary embodiments, various features of the invention are sometimes grouped together in a single embodiment, figure, or description thereof for the purpose of streamlining the disclosure and aiding in the understanding of one or more of the various inventive aspects. This method of disclosure, however, is not to be interpreted as reflecting an intention that the claimed invention requires more features than are expressly recited in each claim. Rather, as the following claims reflect, inventive aspects lie in less than all features of a single foregoing disclosed embodiment, and the invention may include any of the different combinations embodied herein. Thus, the following claims are hereby expressly incorporated into this Mode(s) for Carrying Out the Invention, with each claim standing on its own as a separate embodiment of this invention.

[0278] Thus, while there has been described what is believed to be the preferred embodiments of the invention, those skilled in the art will recognize that other and further modifications may be made thereto without departing from the spirit of the invention, and it is intended to claim all such changes and modifications as fall within the scope of the invention. For example, any formulas given above are merely representative of procedures that may be used. Functionality may be added or deleted from the block diagrams and operations may be interchanged among functional blocks. Steps may be added or deleted to methods described within the scope of the present invention.

We Claim:

1. A system for generating code to provide content on a display of a platform, said system comprising:
 - a database of web services obtainable over a network;
 - an authoring tool configured to:
 - define an object for presentation on the display,
 - select a component of a web service included in said database,
 - associate said object with said selected component, and
 - produce code that, when executed on the platform, provides said selected component on the display of the platform.
2. The system of Claim 1, where said database includes definitions of input and/or output related to said web service.
3. The system of Claim 1, where said component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.
4. The system of Claim 1, where said object is an input field for a chat.
5. The system of Claim 1, where said object is an input field for a web service.
6. The system of Claim 1, where said object is an input field usable to obtain said component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.
7. The system of Claim 1, where said component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.
8. The system of Claim 1, where said authoring tool is further configured to:
 - define a phone field or list; and
 - generate code that, when executed on the platform, allows a user to supply a phone number to said phone field or list.
9. The system of Claim 1, where said authoring tool is further configured to:
 - define a SMS field or list; and
 - generate code that, when executed on the platform, allows a user to supply an SMS address to said SMS field or list.
10. The system of Claim 1, where said code includes two or more codes, where one of said two or more codes is platform specific, and where one of said two or more codes is platform independent.
11. The system of Claim 1, where said code is provided over said network.

12. A method for displaying content on a platform utilizing a database of web services obtainable over a network, said method comprising:
 - defining an object for presentation on the display;
 - selecting a component of a web service included in said database;
 - associating said object with said selected component; and
 - producing code that, when executed on the platform, provides said selected component on the display of the platform.
13. The method of Claim 12, where said database includes definitions of input and/or output related to said web service.
14. The method of Claim 12, where said component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.
15. The method of Claim 12, where said object is an input field for a chat.
16. The method of Claim 12, where said object is an input field for a web service.
17. The method of Claim 12, where said object is an input field usable to obtain said component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.
18. The method of Claim 12, where said component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.
19. The method of Claim 12, further comprising:
 - defining a phone field or list; and
 - generating code that, when executed on the platform, allows a user to supply a phone number to said phone field or list.
20. The method of Claim 12, further comprising:
 - defining a SMS field or list; and
 - generating code that, when executed on the platform, allows a user to supply an SMS address to said SMS field or list.
21. The method of Claim 12, where said code includes two or more codes, where one of said two or more codes is platform specific, and where one of said two or more codes in platform independent.
22. The method of Claim 12, further comprising:
 - providing said code over said network.
23. A method for providing information to a platform on a network, said method comprising:
 - accepting a first code over the network, where said first code is platform-dependent;

providing a second code over the network, where said second code is platform-independent; and

executing said first code and said second code on the platform to provide web components obtained over the network.

24. The method of Claim 23, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.
25. The method of Claim 23, where said component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.
26. The method of Claim 23, where said first code and said second code are generated using an authoring tool.
27. The method of Claim 23, where said first code is a Player.
28. The method of Claim 23, where said second code is an Application.

SYSTEMS AND METHODS FOR PROGRAMMING MOBILE DEVICES

ABSTRACT

Embodiments of a system and method are described for generating and distributing programming to mobile devices over a network. Devices are provided with Players specific to each device and Applications that are device independent. Embodiments include a full-featured WYSIWYG authoring environment, including the ability to bind web components to objects.

+

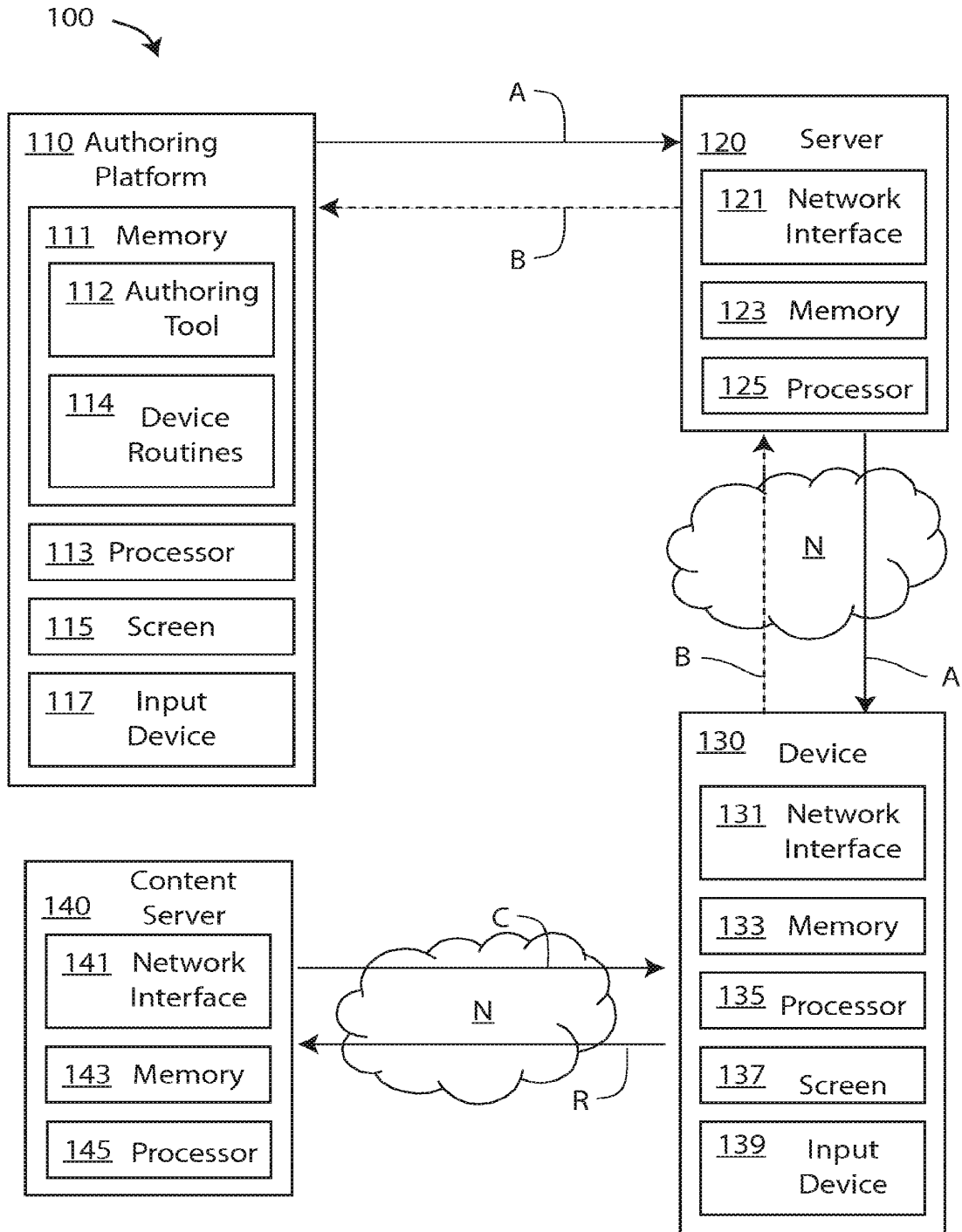


FIG. 1A

+

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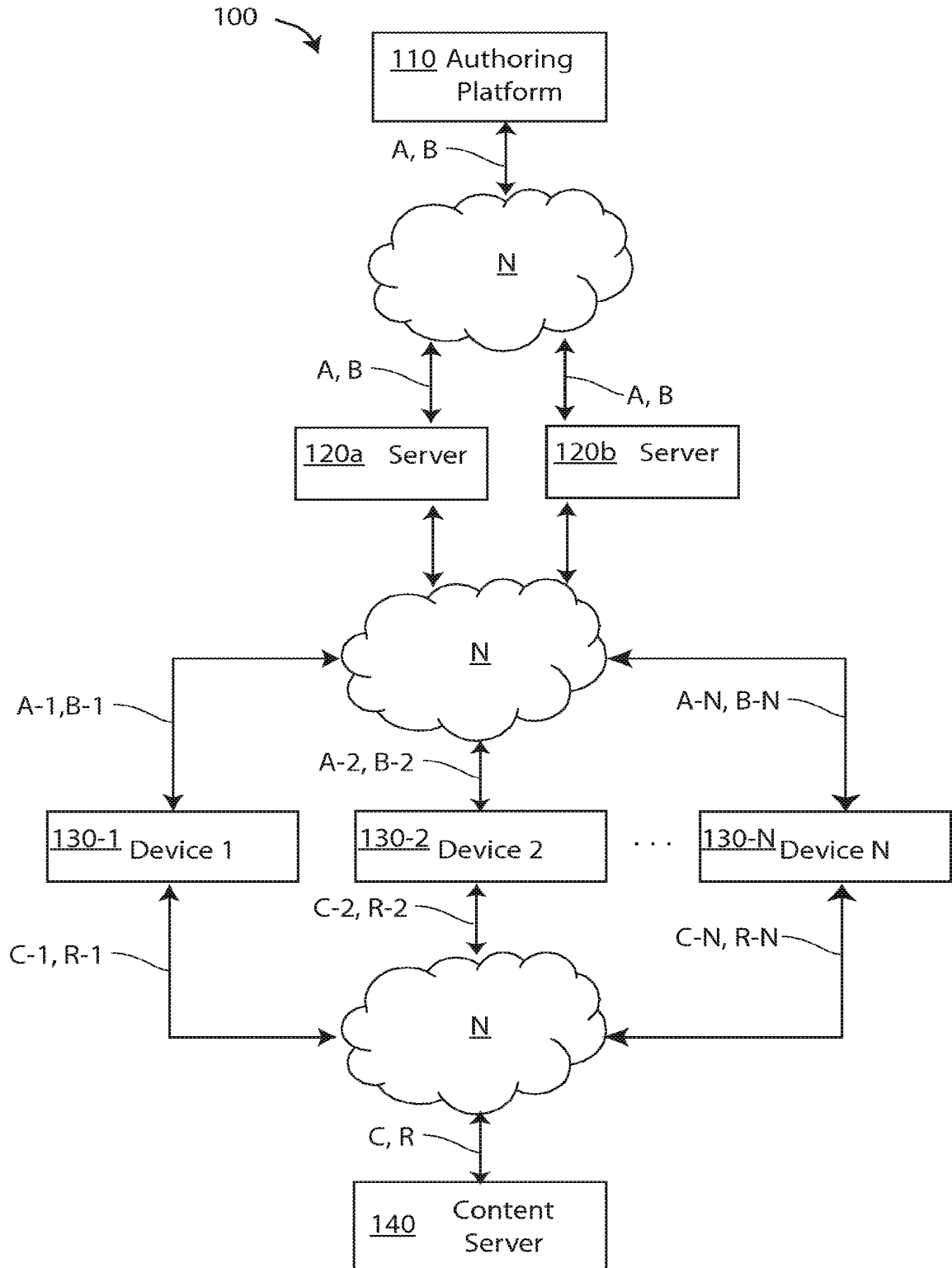


FIG. 1B

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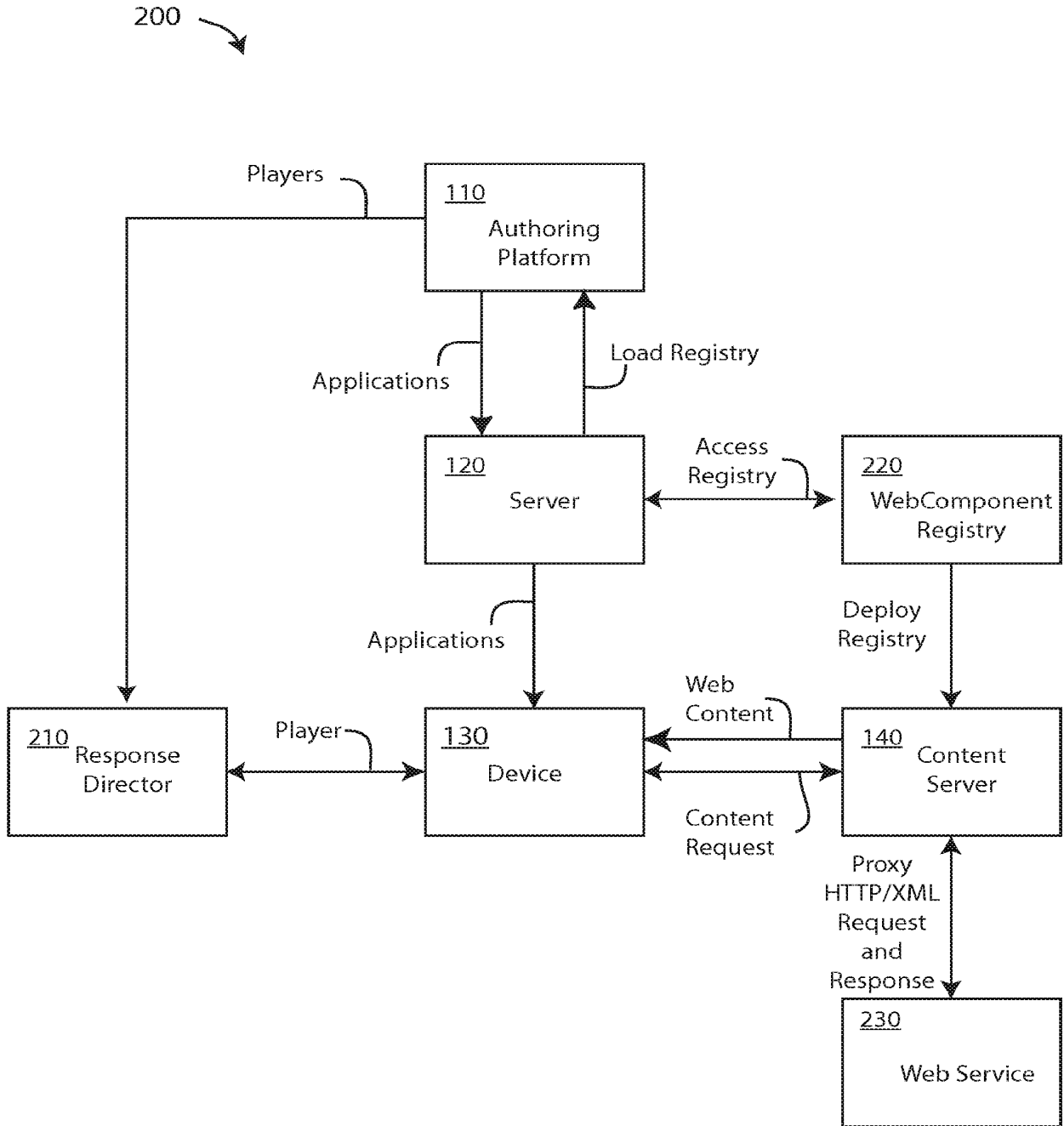


FIG. 2A

+

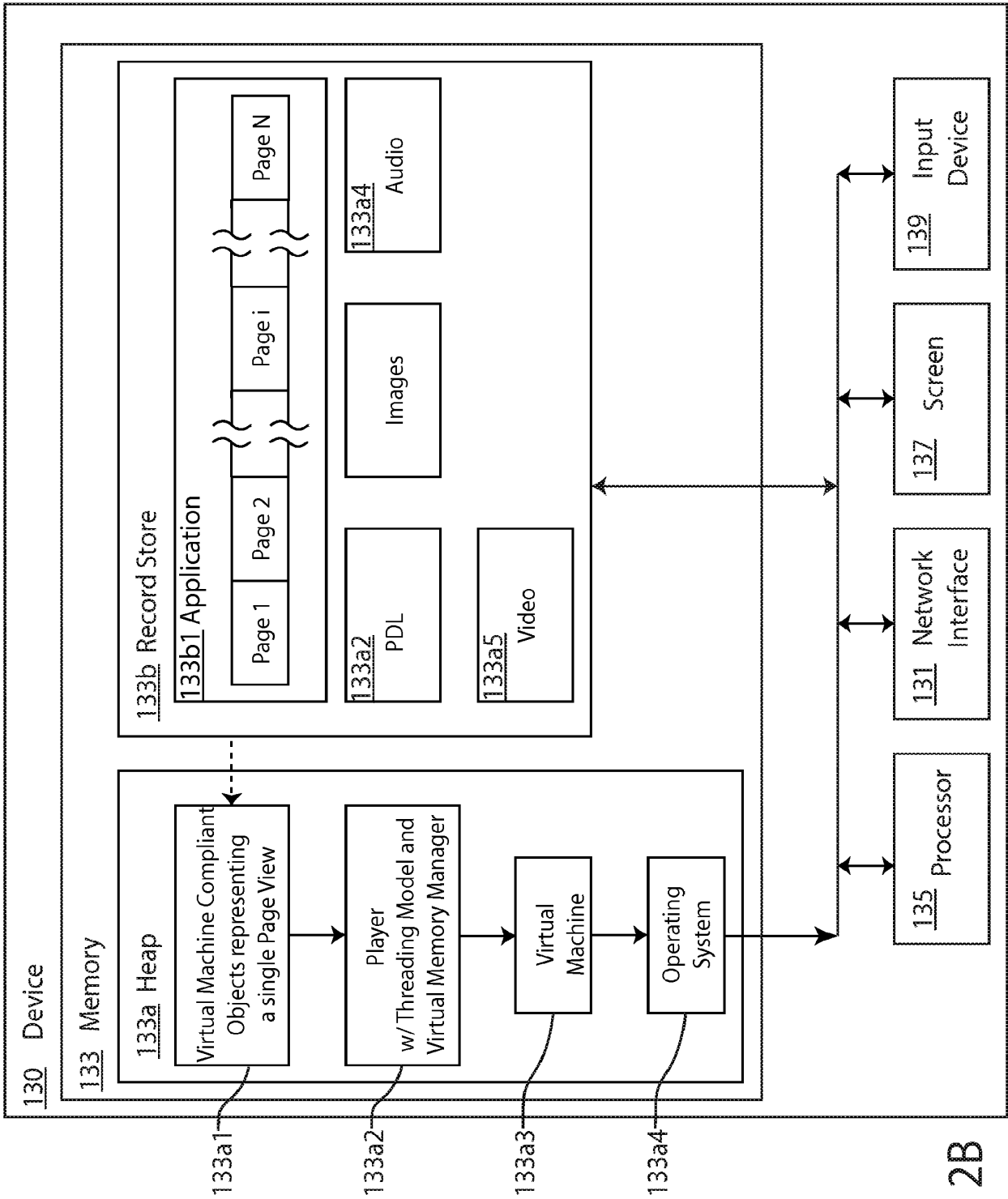
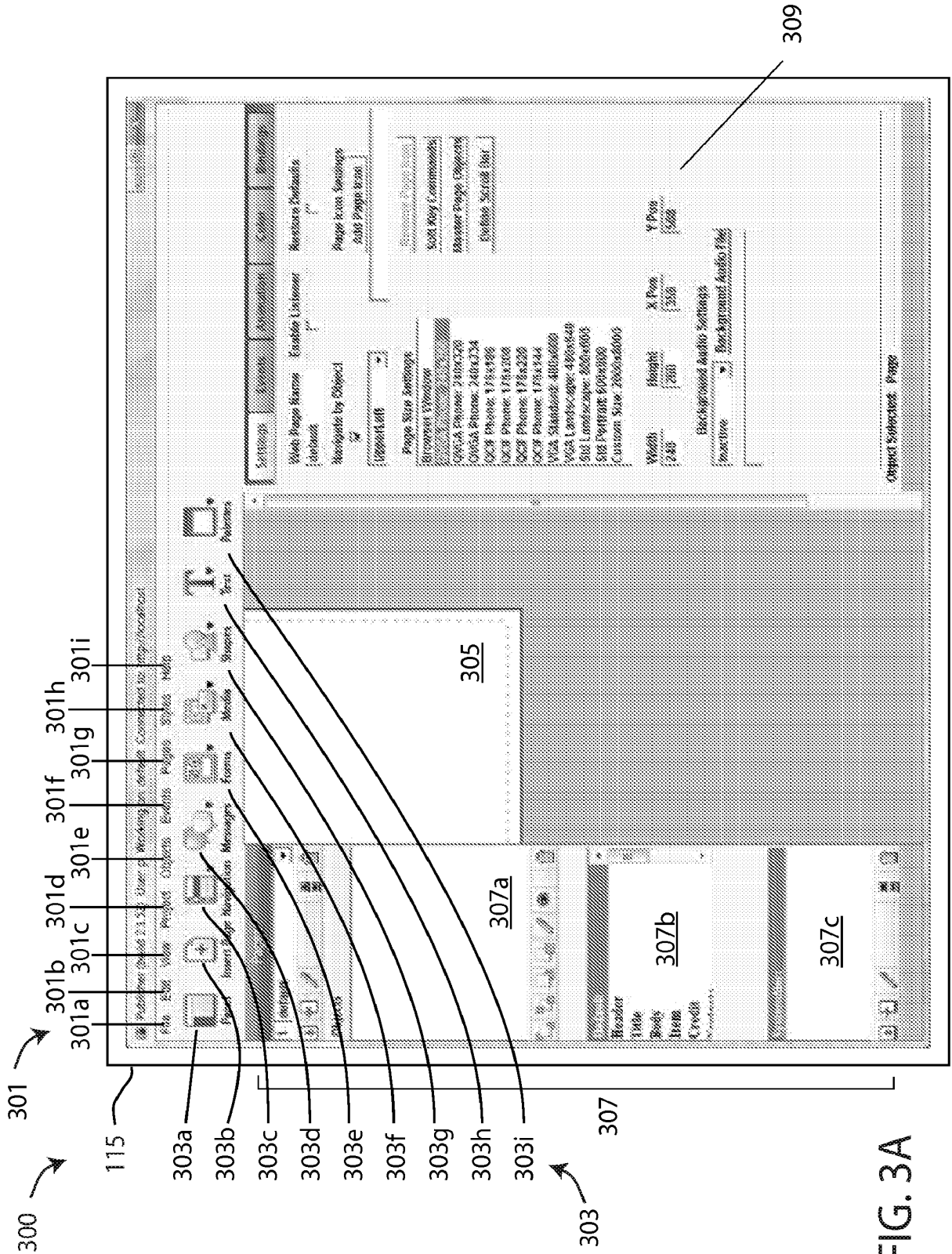


FIG. 2B



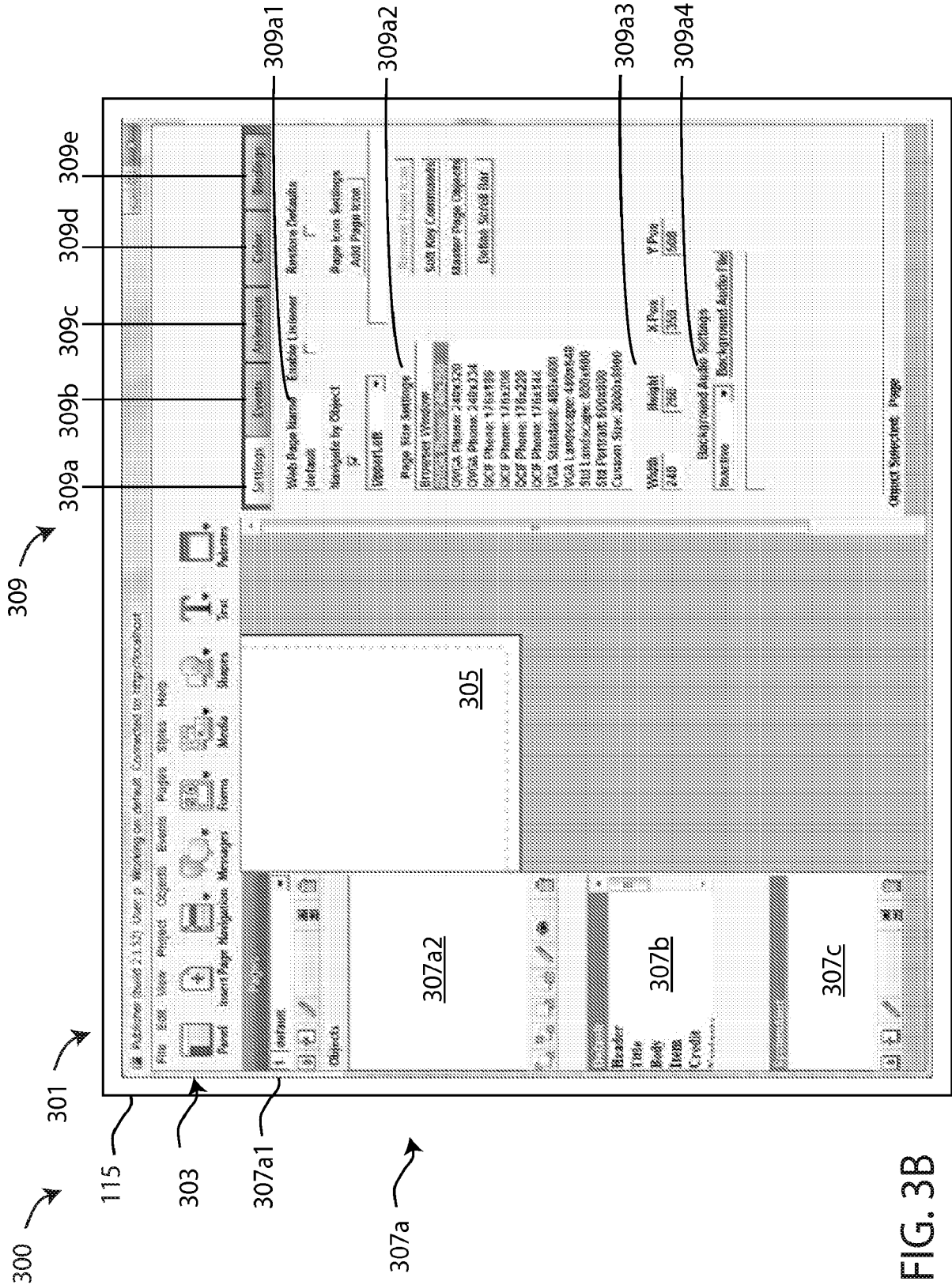


FIG. 3B



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309b

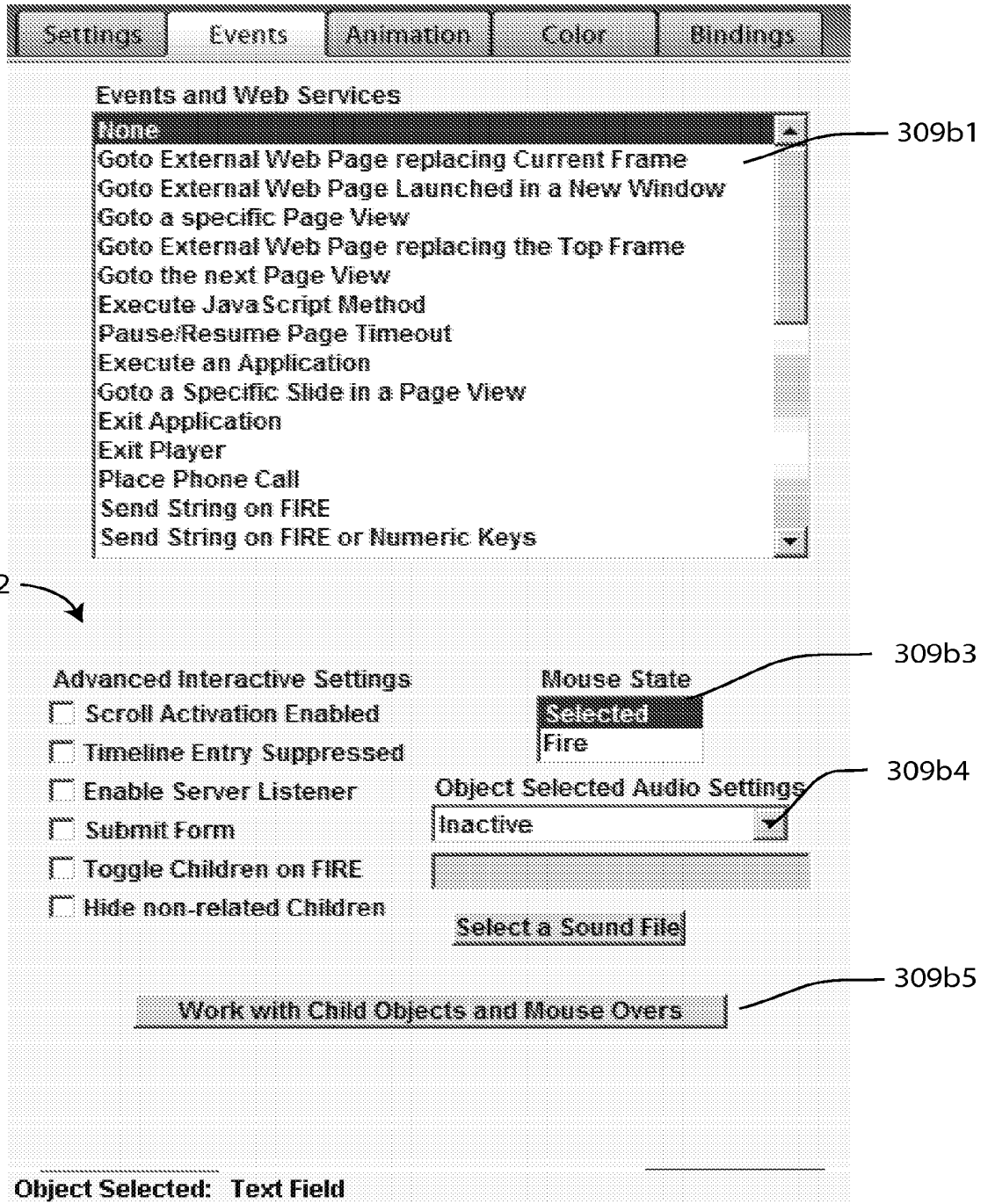


FIG. 3C



309c

Settings Events Animation Color Bindings

Activate Object Entry Timeline Specifications

Timeline Delay (Sec) [0] [0] Direction [None] Movement [None] Duration (Sec) [2] [0] Frames [10]

Specifications for this Object's Entry Animation Audio Track

[inactive] [Entry Audio File]

Object Animation Specifications

Delay (Sec)	Direction	Movement	Duration (Sec)	Frames
0	None	None	0	1
1	Scroll Left	Fade	1	2
2	Scroll Right	Fade In	2	3
3	Custom	Fade Out	3	4
4	Multi-Point		4	5
5	Seek Cursor		5	6
6	Attach		6	7
7	Deposit		7	8
8	Send Home		8	9
9	Carom N		9	10
10	Carom NE		10	11

Pathname for this Object's Animation Audio Track

[inactive] [Main Audio File]

Animation Cycles [1] Custom Zoom % [0] Avoid Cursor Dampen Anim.

Object Exit Timeline Specifications

Activate Delay (Sec) [0] [0] Direction [None] Movement [None] Duration (Sec) [2] [0] Frames [10]

Specifications for this Object's Exit Animation Audio Track

[inactive] [Exit Audio File]

FIG. 3D



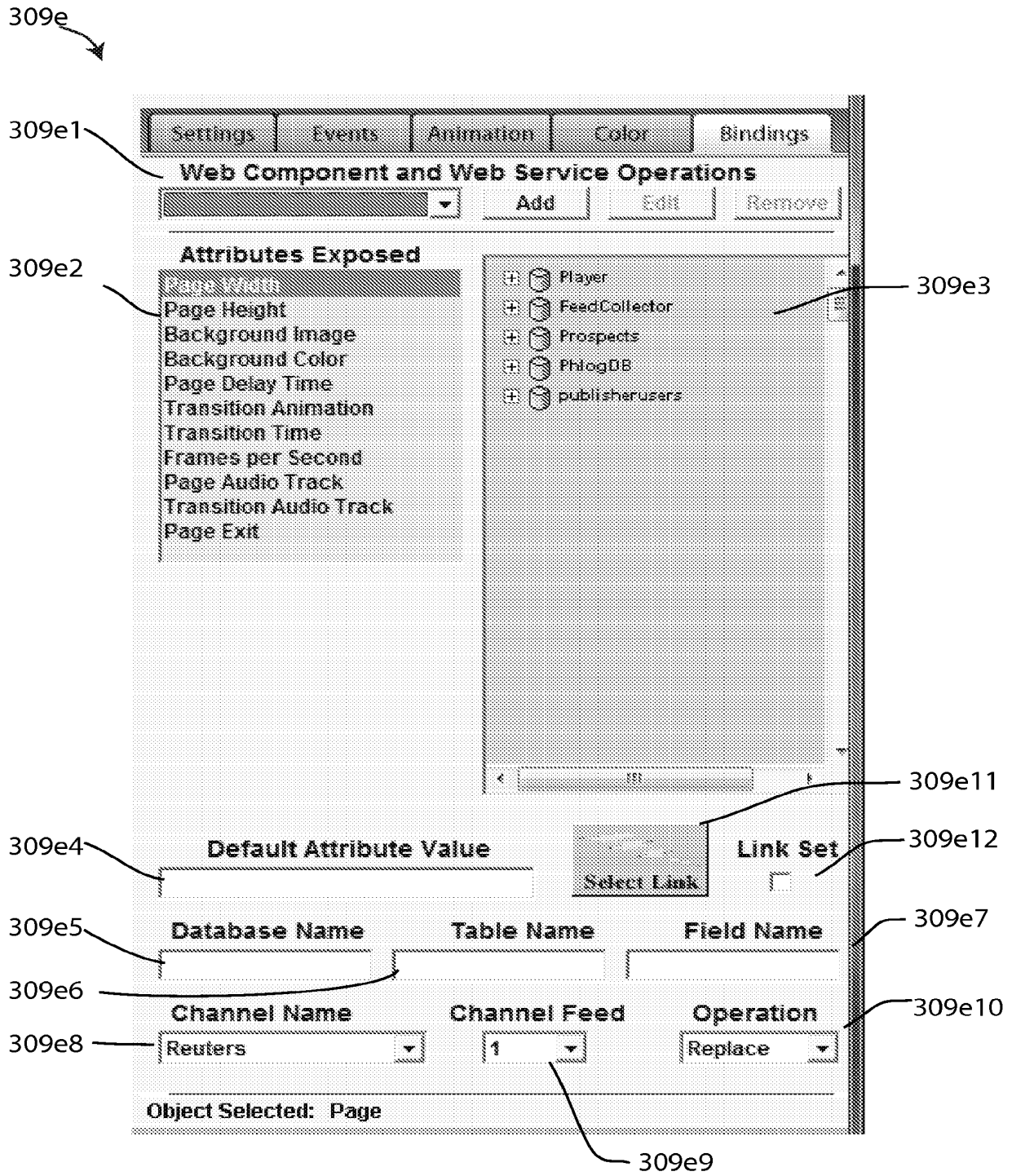


FIG. 3E



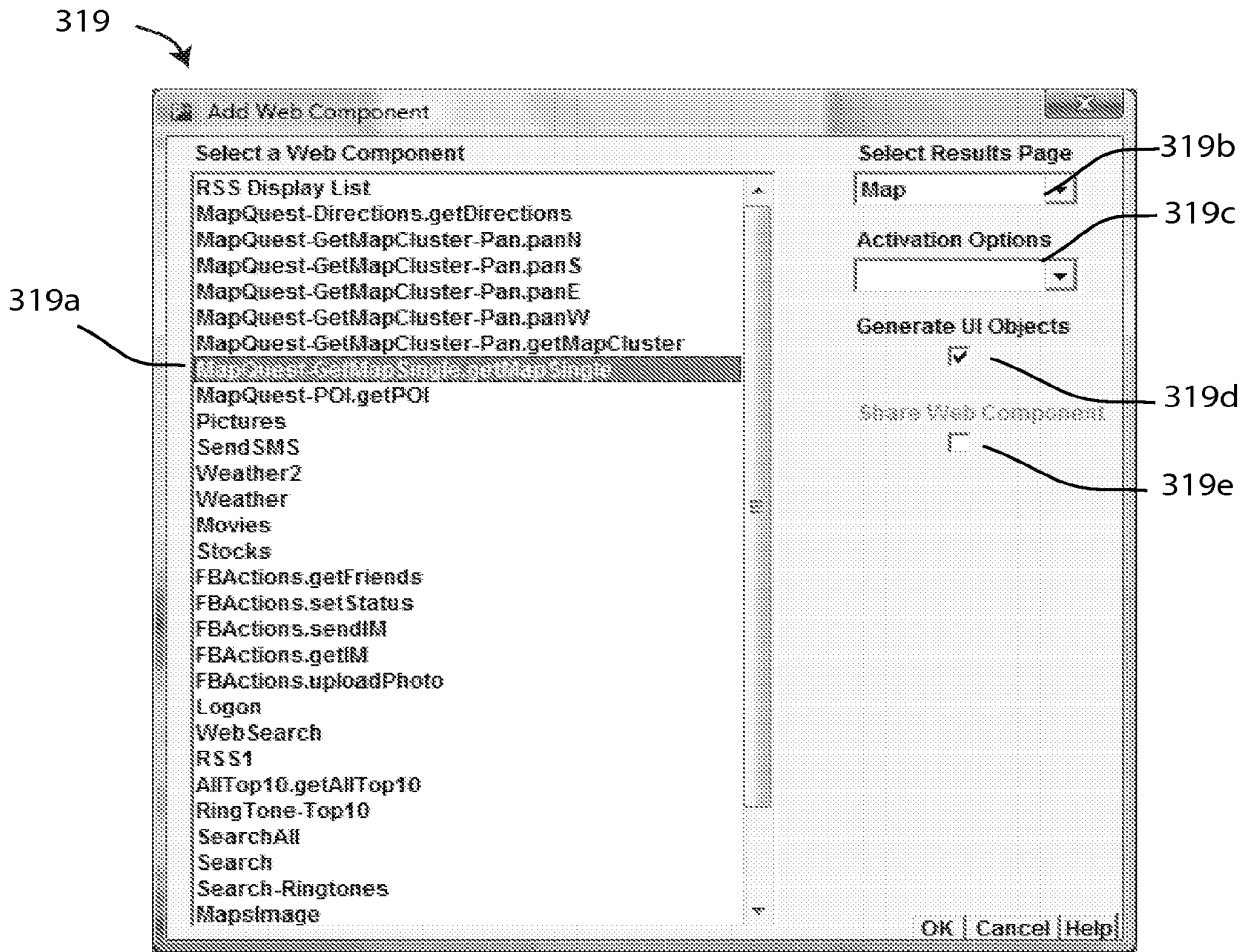


FIG. 3F



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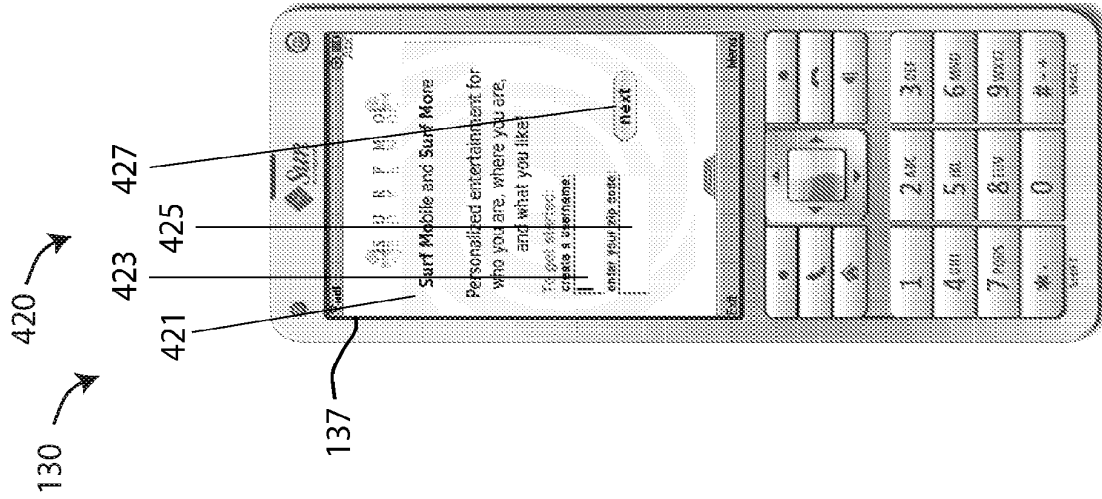


FIG. 4B

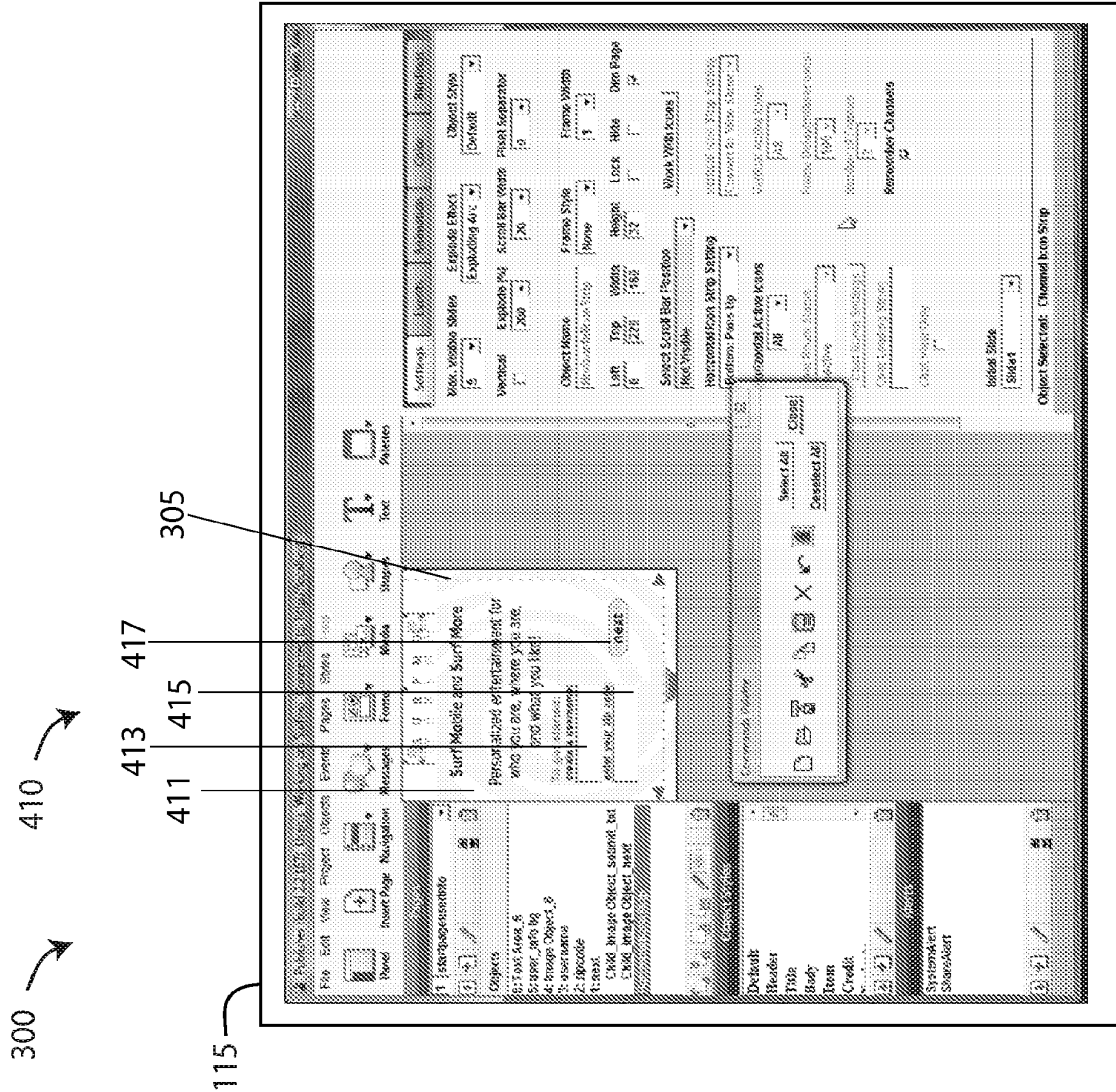
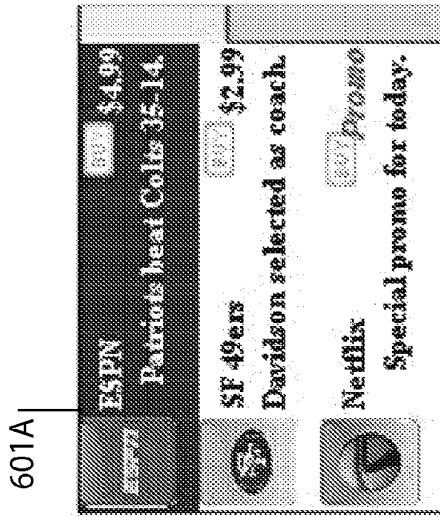


FIG. 4A

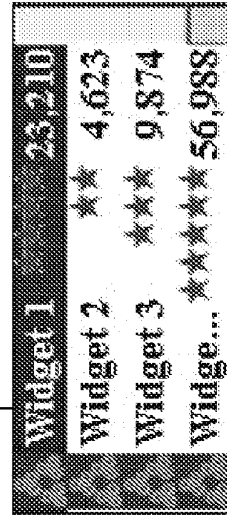
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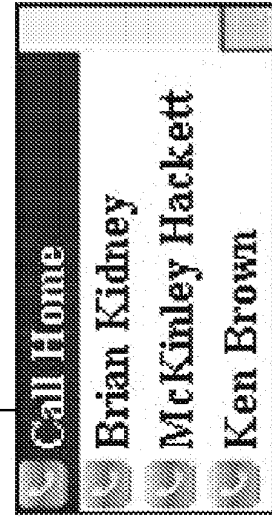
601A

FIG. 6A



601B

FIG. 6B



601C

FIG. 6C

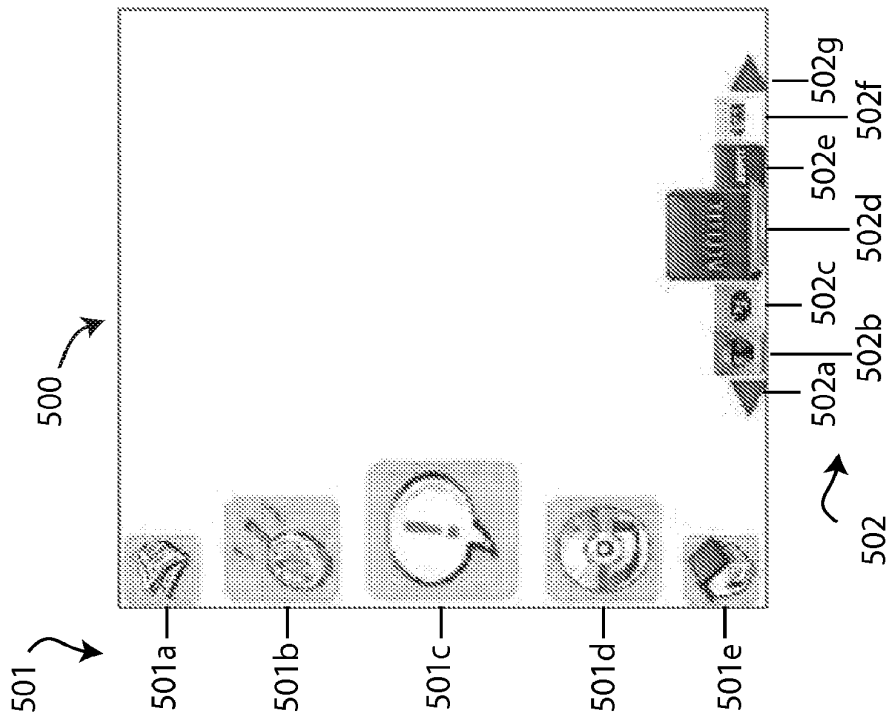


FIG. 5

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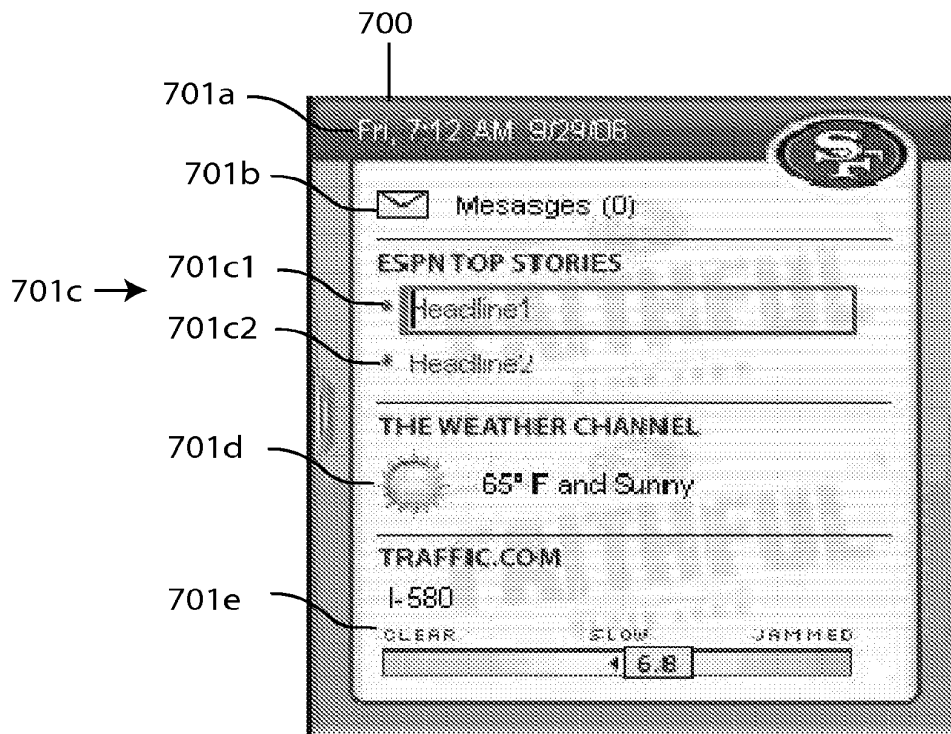


FIG. 7



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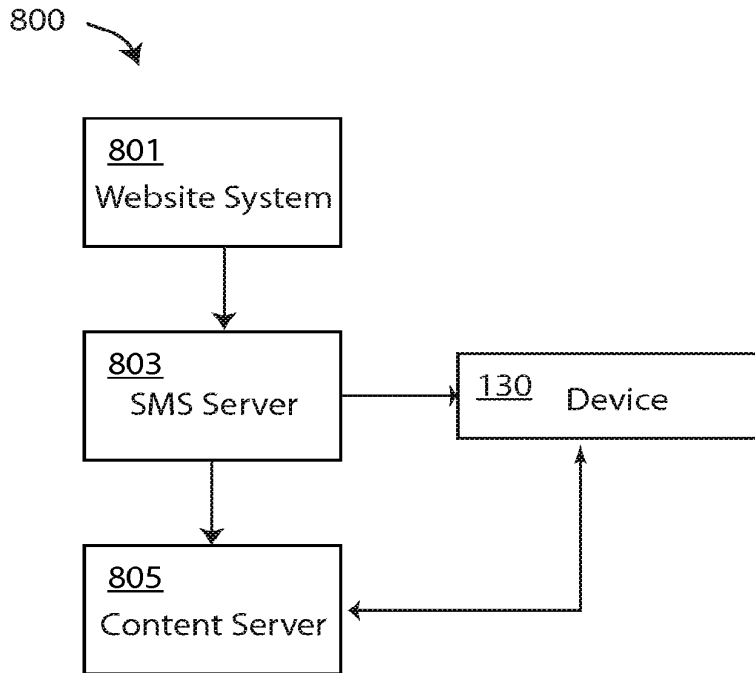


FIG. 8

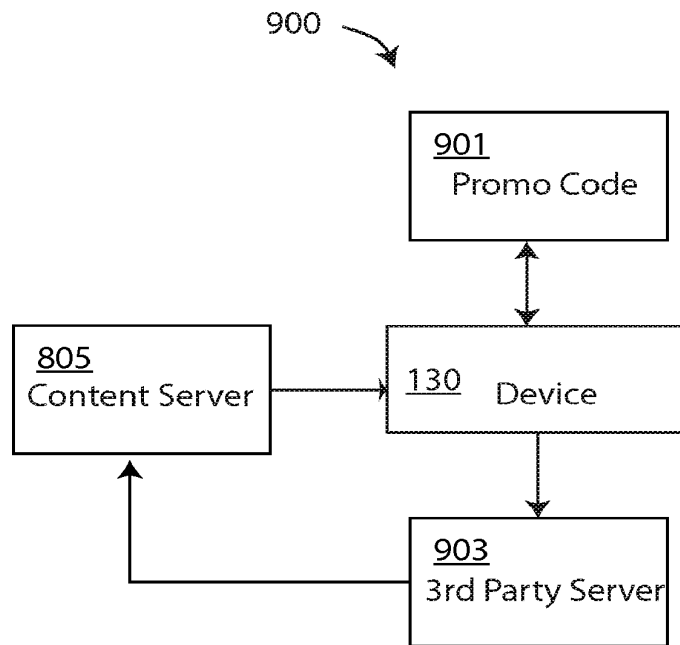


FIG. 9

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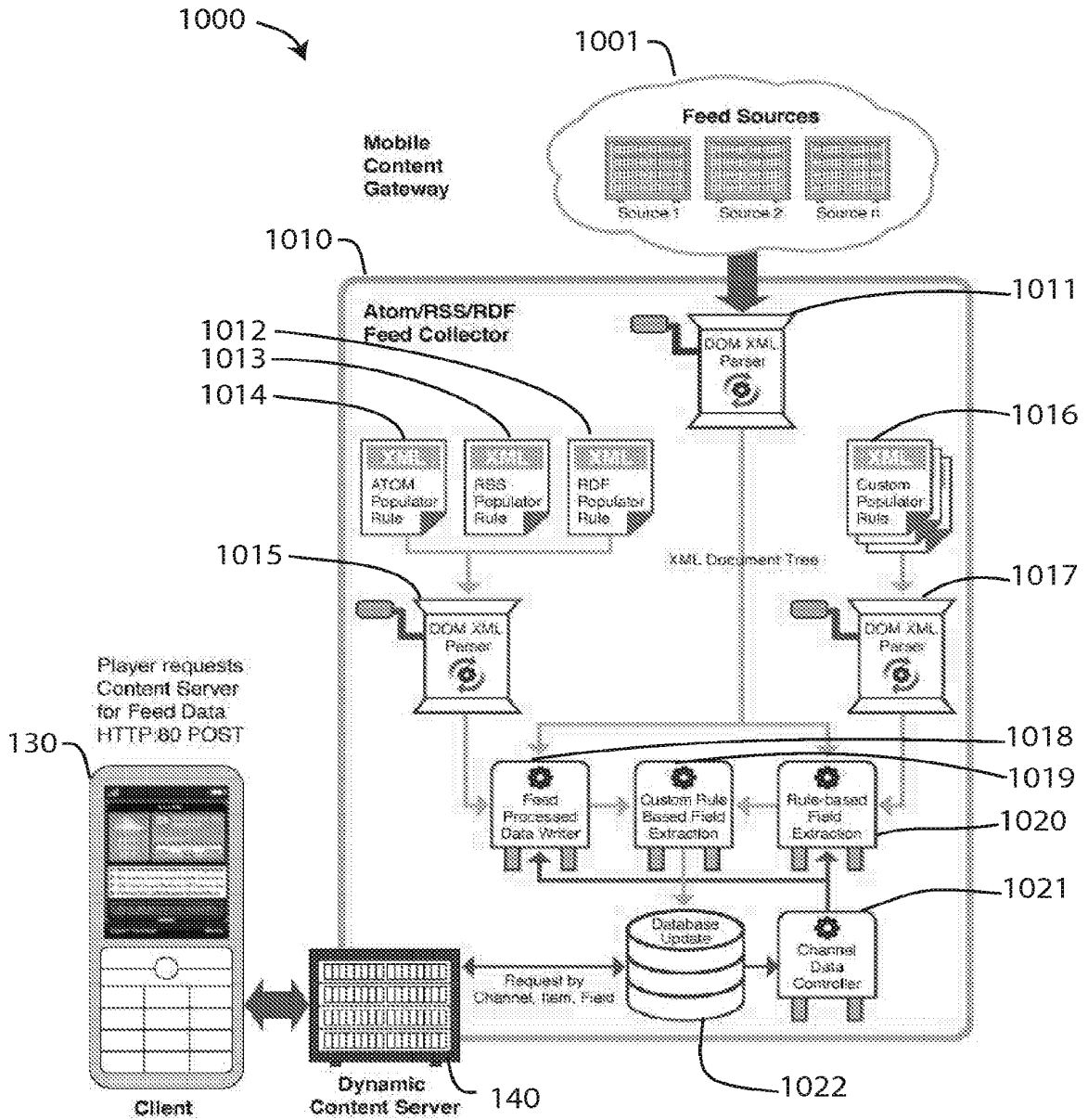


FIG. 10



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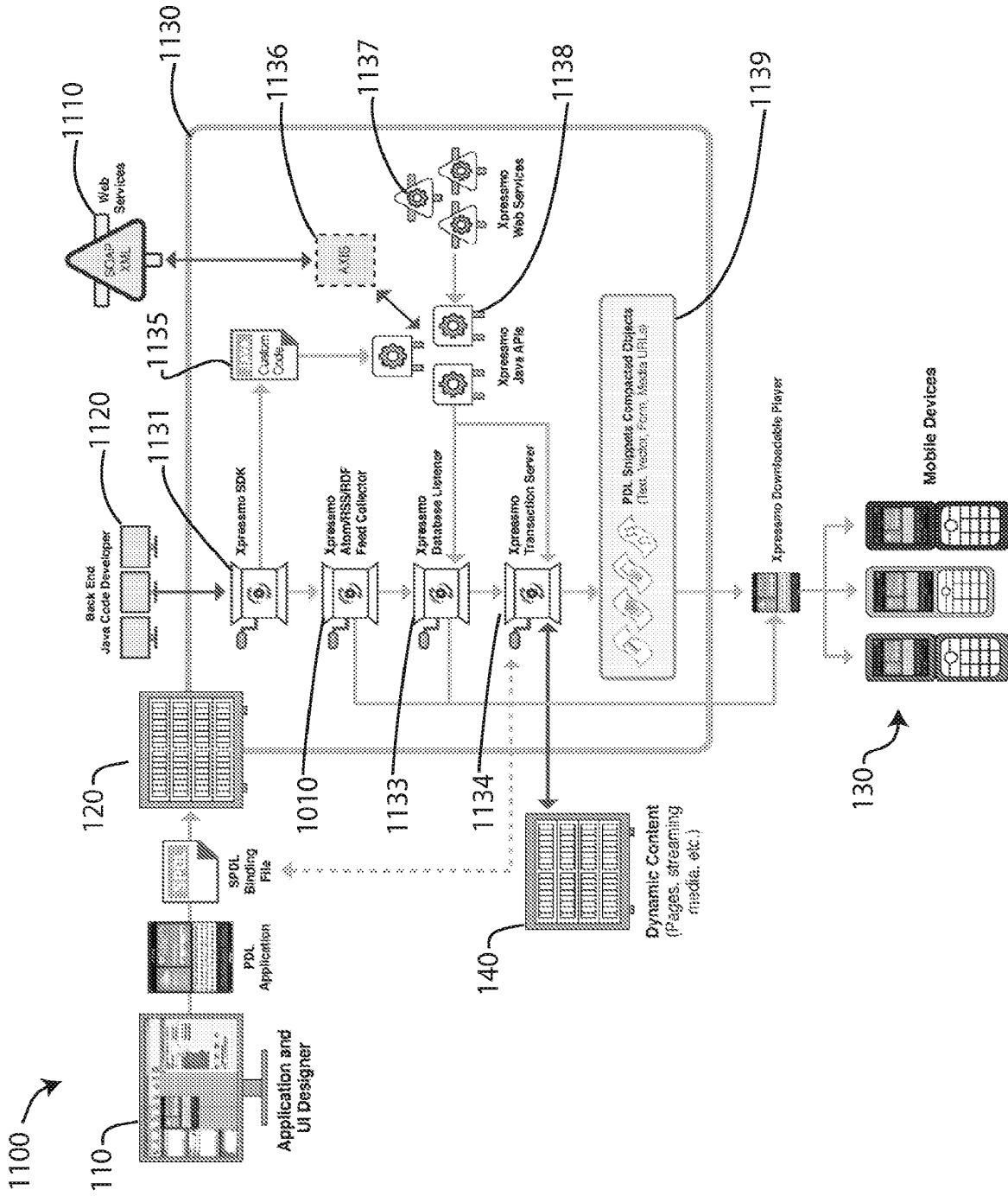


FIG. 11

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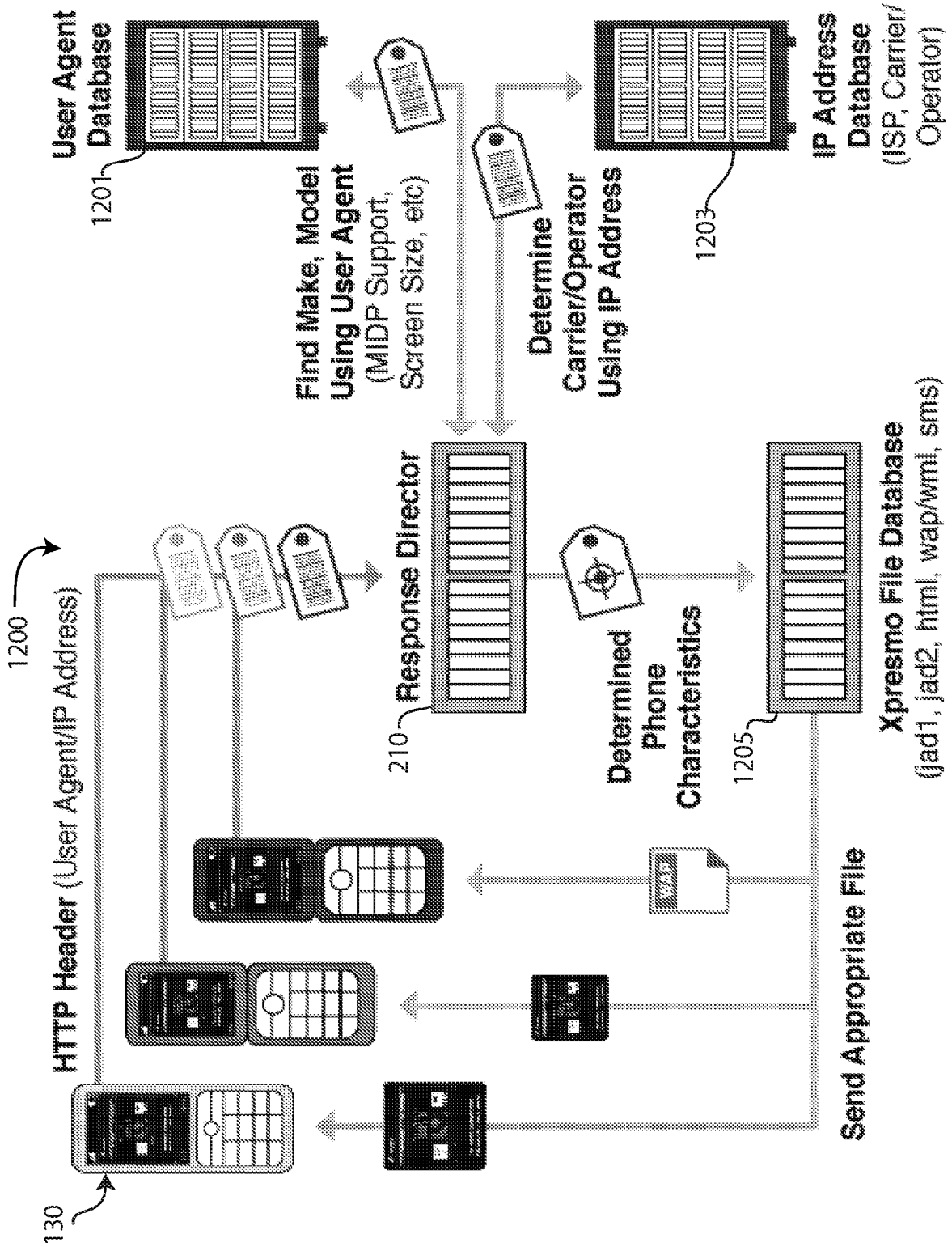


FIG. 12

+

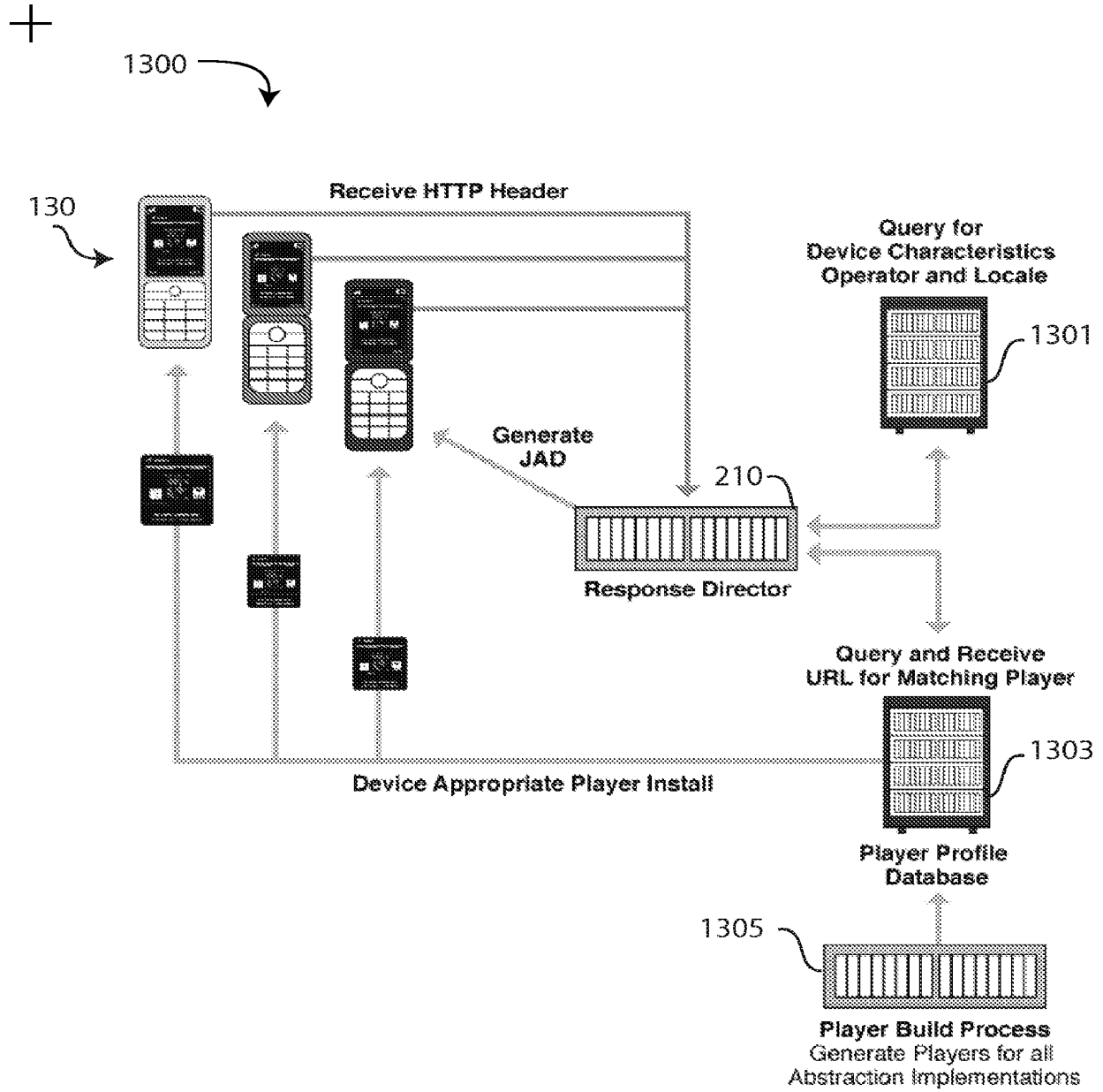


FIG. 13

PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION	ATTORNEY DOCKET NO. <u>XPR.002US0</u>
---	--

As a below named inventor, I hereby declare that:
 My residence/post office address and citizenship are as stated below next to my name;
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

The specification of which is attached hereto unless the following box is checked:
 (X) was filed on April 6, 2009 as an International Application Serial Number: PCT/US2009/039695 and was amended on September 30, 2010.
 I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority
 I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

Provisional Application
 I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE
61/166,651	April 3, 2009
61/113,471	November 11, 2008
61/123,438	April 7, 2008

U.S. Priority Claim
 I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

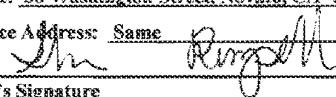
APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

POWER OF ATTORNEY:
 As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Steven Vosen, Reg. No. 45186

Send Correspondence to: Steven Vosen 1563 Solano Ave., #206 Berkeley, CA 94707	Direct Telephone Calls To: Steven Vosen 510-841-4711
--	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Steven Rempell **Citizenship:** US
Residence: 38 Washington Street, Novato, CA USA 94947
Post Office Address: Same
 Inventor's Signature:  Date: 9/20/2010


DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. XPR.002US0

Full Name of Inventor: David Chrobak Citizenship: US

Residence: 11 Mt. Tamalpais Drive, Clavton, CA 94517 USA

Post Office Address: Same

 Date 9/30/2010

Full Name of Inventor: Ken Brown Citizenship: US

Residence: 2485 Church Avenue, San Martin, CA 95046 USA

Post Office Address: Same

Inventor's Signature Date

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. XPR.002US0

Full Name of Inventor: David Chrobak

Citizenship: US

Residence: 11 Mt. Tamalpais Drive, Clayton, CA 94517 USA

Post Office Address: Same

Inventor's Signature _____


Date _____

Full Name of Inventor: Ken Brown

Citizenship: US

Residence: 2485 Church Avenue, San Martin, CA 95046 USA

Post Office Address: Same

Inventor's Signature 

Date 2010.09.30

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XPR.002US0C1
		Application Number	
Title of Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

<input type="checkbox"/> Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--

Inventor Information:

Inventor 1					<input type="button" value="Remove"/>
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Steven	H.	Rempell		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Novato	State/Province	CA	Country of Residence ⁱ	US
Mailing Address of Inventor:					
Address 1	38 Washington Street				
Address 2					
City	Novato	State/Province	CA		
Postal Code	94947	Country ⁱ	US		
Inventor 2					<input type="button" value="Remove"/>
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	David		Chrobak		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Clayton	State/Province	CA	Country of Residence ⁱ	US
Mailing Address of Inventor:					
Address 1	11 Mt. Tamalpais Ct.				
Address 2					
City	Clayton	State/Province	CA		
Postal Code	94517	Country ⁱ	US		
Inventor 3					<input type="button" value="Remove"/>
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Ken		Brown		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XPR.002US0C1	
		Application Number		
Title of Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES			

City	San Martin	State/Province	CA	Country of Residence	US
------	------------	----------------	----	----------------------	----

Mailing Address of Inventor:

Address 1	2485 Church Avenue				
Address 2					
City	San Martin	State/Province	CA		
Postal Code	95046	Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					<input type="button" value="Add"/>

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).					
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.					
Customer Number	40280				
Email Address	svosen@phdpatents.com	<input type="button" value="Add Email"/>		<input type="button" value="Remove Email"/>	

Application Information:

Title of the Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES				
Attorney Docket Number	XPR.002US0C1	Small Entity Status Claimed <input checked="" type="checkbox"/>			
Application Type	Nonprovisional				
Subject Matter	Utility				
Suggested Class (if any)		Sub Class (if any)			
Suggested Technology Center (if any)					
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)			

Publication Information:

<input type="checkbox"/> Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/> Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XPR.002US0C1	
		Application Number		
Title of Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES			
Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)	
Customer Number	40280			

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status	Pending	<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	
	Continuation of	12/936395	2010-11-03	
Prior Application Status	Expired	<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	
12/936395	a 371 of international	PCT/US2009/039695	2009-04-06	
Prior Application Status	Expired	<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	
PCT/US2009/039695	non provisional of	61/123438	2008-04-07	
Prior Application Status	Expired	<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	
PCT/US2009/039695	non provisional of	61/113471	2008-11-11	
Prior Application Status	Expired	<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	
PCT/US2009/039695	non provisional of	61/166651	2009-04-03	
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.				<input type="button" value="Add"/>

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

<input type="button" value="Remove"/>			
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Priority Claimed
			<input type="radio"/> Yes <input checked="" type="radio"/> No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			
<input type="button" value="Add"/>			

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XPR.002US0C1
		Application Number	
Title of Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		

Authorization to Permit Access:

<input checked="" type="checkbox"/> Authorization to Permit Access to the Instant Application by the Participating Offices
<p>If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.</p> <p>In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.</p> <p>In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.</p>

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.		
Applicant 1		<input type="button" value="Remove"/>
<p>If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.</p>		
		<input type="button" value="Clear"/>
<input checked="" type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint Inventor
<input type="radio"/> Person to whom the inventor is obligated to assign.	<input type="radio"/> Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
<input type="text"/>		
Name of the Deceased or Legally Incapacitated Inventor : <input type="text"/>		
If the Applicant is an Organization check here. <input checked="" type="checkbox"/>		
Organization Name	Express Mobile, Inc.	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XPR.002US0C1
		Application Number	
Title of Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		

Mailing Address Information:			
Address 1	38 Washington Street		
Address 2			
City	Novato	State/Province	CA
Country ⁱ	US	Postal Code	94947
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			<input type="button" value="Add"/>

Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.				
Assignee 1				
Complete this section only if non-applicant assignee information is desired to be included on the patent application publication in accordance with 37 CFR 1.215(b). Do not include in this section an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest), as the patent application publication will include the name of the applicant(s).				
				<input type="button" value="Remove"/>
If the Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee Data may be generated within this form by selecting the Add button.				<input type="button" value="Add"/>

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	XPR.002US0C1
		Application Number	
Title of Invention	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications					
Signature	/Steven R. Vosen/		Date (YYYY-MM-DD)	2015-05-08	
First Name	Steven	Last Name	Vosen	Registration Number	45186
Additional Signature may be generated within this form by selecting the Add button.				<input type="button" value="Add"/>	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Steven H. Rempell, David Chrobak and Ken BrownApplication No./Patent No.: TBD Filed/Issue Date: _____Titled: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICESExpress Mobile, Inc. _____, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest in;
2. an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
3. the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 024341, Frame 0039, or for which a copy therefore is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

- As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Steven R. Vosen/

May 8, 2015

Signature

Date

Steven R. Vosen

Patent Agent

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rempell et al.

National Phase Application of PCT/US2009/039695, Filed April 6, 2009

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON
MOBILE DEVICES

Docket No.: XPR.002US0

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

This correspondence is a Preliminary Amendment for the application filed herewith.

A listing of the claims with any amendments to the claims begins on a new page immediately after these introductory remarks.

The *Remarks* begin on a new page immediately after such listing *of the claims*.

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): 1. A system for generating code to provide content on a display of a ~~platform~~ device, said system comprising:
a database of web services obtainable over a network;
an authoring tool configured to:
define an object for presentation on the display,
select a component of a web service included in said database,
associate said object with said selected component, and
produce device-specific code that, when executed on the ~~platform~~ device, provides said selected component on the display of the ~~platform~~ device.

Claim 2 (Original): The system of Claim 1, where said database includes definitions of input and/or output related to said web service.

Claim 3 (Original): The system of Claim 1, where said component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 4 (Original): The system of Claim 1, where said object is an input field for a chat.

Claim 5 (Original): The system of Claim 1, where said object is an input field for a web service.

Claim 6 (Original): The system of Claim 1, where said object is an input field usable to obtain said component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 7 (Original): The system of Claim 1, where said component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 8 (Currently Amended): The system of Claim 1, where said authoring tool is further configured to:

define a phone field or list; and

generate code that, when executed on the ~~platform device~~, allows a user to supply a phone number to said phone field or list.

Claim 9 (Currently Amended): The system of Claim 1, where said authoring tool is further configured to:

define a SMS field or list; and

generate code that, when executed on the ~~platform device~~, allows a user to supply an SMS address to said SMS field or list.

Claim 10 (Currently Amended): The system of Claim 1, where said code includes two or more codes, where one of said two or more codes is ~~platform device~~ specific, and where one of said two or more codes in ~~platform device~~ independent.

Claim 11 (Original): The system of Claim 1, where said code is provided over said network.

Claim 12 (Currently Amended): A method for displaying content on a ~~platform device~~ utilizing a database of web services obtainable over a network, said method comprising:

defining an object for presentation on the display;

selecting a component of a web service included in said database;

associating said object with said selected component; and

producing device-dependent code that, when executed on the ~~platform device~~, provides said selected component on the display of the ~~platform device~~.

Claim 13 (Original): The method of Claim 12, where said database includes definitions of input and/or output related to said web service.

Claim 14 (Original): The method of Claim 12, where said component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 15 (Original): The method of Claim 12, where said object is an input field for a chat.

Claim 16 (Original): The method of Claim 12, where said object is an input field for a web service.

Claim 17 (Original): The method of Claim 12, where said object is an input field usable to obtain said component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 18 (Original): The method of Claim 12, where said component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 19 (Currently Amended): The method of Claim 12, further comprising:
defining a phone field or list; and
generating code that, when executed on the ~~platform~~ device, allows a user to supply a phone number to said phone field or list.

Claim 20 (Currently Amended): The method of Claim 12, further comprising:
defining a SMS field or list; and
generating code that, when executed on the ~~platform~~ device, allows a user to supply an SMS address to said SMS field or list.

Claim 21 (Currently Amended): The method of Claim 12, where said code includes two or more codes, where one of said two or more codes is ~~platform~~ device specific, and where one of said two or more codes is ~~platform~~ device independent.

Claim 22 (Original): The method of Claim 12, further comprising:
providing said code over said network.

Claim 23 (Currently Amended): A method for providing information to a ~~platform~~ device on a network, said method comprising:

accepting a first code over the network, where said first code is ~~platform~~ device-dependent;
providing a second code over the network, where said second code is ~~platform~~ device-independent; and
executing said first code and said second code on the ~~platform~~ device to provide web components obtained over the network.

Claim 24 (Original): The method of Claim 23, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 25 (Original): The method of Claim 23, where said component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 26 (Original): The method of Claim 23, where said first code and said second code are generated using an authoring tool.

Claim 27 (Original): The method of Claim 23, where said first code is a Player.

Claim 28 (Original): The method of Claim 23, where said second code is an Application.

Remarks

This preliminary amendment is being submitted with the filing of the above-referenced application in the United States. This Preliminary Amendment amends Claims 1, 8-10, 12, 19-21, and 23. **Claims 1-28 are pending for consideration.**

Applicants respectfully submit that, as amended, all pending claims in this application are patentably distinct over the prior art of record. Reconsideration and allowance of all pending claims in the application are respectfully solicited.

Amendment to the Claims

Claims 1, 8-10, 12, 19-21, and 23 are amended herewith. No new matter is introduced by these amendments, support for which is provided below.

Claims 1, 8-10, 12, 19-21, and 23 are amended to replace “platform” with “device,” and are being made to more clearly recite the subject matter of the invention. As described in the specification, the code runs on a device, which may form part of a platform. See for example, paragraph [0039] of the present Specification.

Applicant respectfully submits that the application is in condition for allowance and action to that end is respectfully solicited. If the Examiner should feel that a telephone interview would be productive in resolving any issues in the case, please telephone the undersigned at the number listed below.

Respectfully submitted,

September 29, 2010

1563 Solano Ave., #206
Berkeley, CA 94705
Tel: (510) 841-4711; Fax: (510) 217-6844

/Steven R. Vosen/
Steven R. Vosen
Registration No. 45,186

Electronic Acknowledgement Receipt

EFS ID:	22297384
Application Number:	14708074
International Application Number:	
Confirmation Number:	8396
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0C1
Receipt Date:	08-MAY-2015
Filing Date:	
Time Stamp:	19:46:44
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal of New Application	XPR002US0C1_Transmittal.pdf	213562 <small>3b1c9d69ee38f54c3f2f08ca6389d7ef70b8a039</small>	no	1

Warnings:

Information:

2		XPR002_Original_Spec.pdf	2933543 d02258ddeee8a3312383f4bc8dd400e6fc392e9d	yes	55
Multipart Description/PDF files in .zip description					
		Document Description	Start	End	
		Specification	1	51	
		Claims	52	54	
		Abstract	55	55	
Warnings:					
Information:					
3	Drawings-other than black and white line drawings	XPR002_Original_Figs.pdf	2060531 a89d64a5484c83474c975219f35d5ff6f0e282c	no	18
Warnings:					
Information:					
4	Oath or Declaration filed	XPR002_Declaration_POA.pdf	216523 4b659ba75fec17e0b7c437c12f047f669b8739c1	no	3
Warnings:					
Information:					
5	Application Data Sheet	XPR002US0C1_Application_Data_Sheet.pdf	1433413 932f9ad6ccb1f8a244590ed56f91390755217da6	no	7
Warnings:					
Information:					
6	Assignee showing of ownership per 37 CFR 3.73	XPR002_Assignment_Statement.pdf	423275 a6c09ada993fa532b14fd76c28340f8673eb164b	no	2
Warnings:					
Information:					
7		XPR002_Original_PrelimAmt.pdf	113559 1cc68479bdecb9813537f61349f864a702d941b55	yes	6
Multipart Description/PDF files in .zip description					
		Document Description	Start	End	
		Preliminary Amendment	1	1	
		Claims	2	5	

	Applicant Arguments/Remarks Made in an Amendment	6	6
Warnings:			
Information:			
		Total Files Size (in bytes):	7394406
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>			

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Application Number: 14708074

Document Date: 05/08/2015

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