Substitute Form PTO-15 Assistant Commissioner,
Name of conveying parland wong RANDALL PIPP ERIC VAN LYDEGR
Additional name(s) a
3. Nature of conveyanc Assignment Merger Socurity Agreem Change of Name
Execution Date: 1/27
Application number(s If this document is be A. Patent Application

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<u> </u>	sistant Commissioner/for Patents; Pl	100978297
1.		2. Name and address of receiving party(les): IXI = 3 Fit I2: 38 IXI ENTERPRISES, INC. 1888 Emery Street
	ERIC VAN LYDEGRAF	PRIFICACIOE Atlanta, GA 30318-2573
	Additional name(s) attached? Ye	No Additional names/addresses attached? □ Yes.
3.	Nature of conveyance: Massignment Merger Security Agreement Change of Name	
	☐ Other:	
	Execution Date: 1/27/99	
4.	Application number(s) or patent number this document is being filed with a A. Patent Application No.(e): 08/719,561, filed 9/25/96	r(s): v application, the execution date of the application is: B. Patent No.(s):
		dditional numbers attached? □ Yes ■ No
5.	Name/address of party to whom concerning document should be mo	
		7. Total fee (37 CFR 3.41): \$40 B Enclosed
	John Land, Reg. No. 29,554 Fish & Richardson P.C. 4225 Executive Square, Suite 140 La Jolla. CA 92037	□ Authorized to charge deposit account.
	LE JOHE, CA 92037	8. Deposit account number: 06-1050
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ASSIGNMENT



Assignee: iXL Enterprises, Inc., 1888 Emery Street, Atlanta, GA 30318-2573, as successor in interest to CommerceWave, Inc.

Assignors: Garland Wong, Randall Pipp, and Eric van Lydegraf, each a present or former employee of CommerceWave, Inc.

Patent Application:

DYNAMIC GENERATION AND DISPLAY OF CATALOGS U.S. Patent Application Serial No. 08/719,561, filed 9/25/96.

- Assignors represent that they are the owners of the following Patent Rights: (1) the invention described and claimed in the
 Patent Application identified above, and (2) all related foreign and domestic patents, patent applications, divisionals,
 reissues, re-examinations, continuations, continuations-in-part, certificates of invention, utility models, design registrations,
 and the like that may issue from or which derive priority from the Patent Application.
- 2. Assignors hereby assign to Assignee all of the worldwide right, title, and interest of Assignors in and to:

(a) the Patent Rights;

- (b) any claims (known or unknown, suspected or unsuspected) of any nature that Assignors have or may have against any party for infringement of the Patent Rights.
- Assignors acknowledge receipt of fair and adequate consideration for such assignment. Assignors represent that Assignors
 have the full right to convey the interest assigned by this Assignment, and that Assignors have not executed and will not
 execute any agreement in conflict with this Assignment.
- 4. Assignors agree to sign all lawful papers, make all rightful oaths, communicate to Assignee or its representatives all facts known to Assignors with respect to the Patent Rights, cooperate with Assignee and its representatives, and generally do everything deemed necessary by Assignee, as Assignee's expense, to:

(a) enable Assignee to apply for and prosecute any patent application within the Patent Rights, including executing

separate or additional assignments in connection with such patent applications;

(b) obtain and enforce proper patent protection for the Patent Rights in all countries, including applying for protection of the Patent Rights under any provisions of the International Convention for Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all similar agreements or treaties, whether in the name of Assignors or of Assignee;

(c) assist Assignee in any interference which may be declared concerning any patent application within the Patent Rights,

including obtaining evidence and testifying in any such interference;

- (d) assist Assignee with respect to any infringement action, suit, or other legal proceeding relating to enforcement of any of the Patent Rights, including testifying in any such legal proceeding (in any such legal proceeding, Assignors will be represented by the same legal counsel as Assignee at Assignee at expense).
- Assignors hereby authorize and request the Commissioner of Patents to issue to Assignee any and all Letters Patent of the United States resulting from any patent application within the Patent Rights, as the assignee of the entire interest therein.
- Assignors grant to Assignee the power to insert on this Assignment any further identification which may be necessary or
 desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this
 document.

8. This Assignment is binding upon and inures to the benefit of the respective heirs, legal representatives, successors, and assigns of the parties.

Dated: 1 -27-99

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PATENT

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