

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jonathan J. Hull</td><td>07/28/2006</td></tr><tr><td>Berna Erol</td><td>07/27/2006</td></tr><tr><td>Jamey Graham</td><td>07/28/2006</td></tr><tr><td>Peter E. Hart</td><td>07/28/2006</td></tr><tr><td>Dar-Shyang Lee</td><td>07/28/2006</td></tr><tr><td>Kurt Piersol</td><td>07/28/2006</td></tr></tbody></table>	Name	Execution Date	Jonathan J. Hull	07/28/2006	Berna Erol	07/27/2006	Jamey Graham	07/28/2006	Peter E. Hart	07/28/2006	Dar-Shyang Lee	07/28/2006	Kurt Piersol	07/28/2006	
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RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>Ricoh Co., Ltd.</td></tr><tr><td>Street Address:</td><td>15-5 Minami Aoyama 1-chome</td></tr><tr><td>Internal Address:</td><td>Minato-Ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>107-8544</td></tr></table>	Name:	Ricoh Co., Ltd.	Street Address:	15-5 Minami Aoyama 1-chome	Internal Address:	Minato-Ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	107-8544			
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PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11461032</td></tr></tbody></table>	Property Type	Number	Application Number:	11461032											
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Application Number:	11461032														
CORRESPONDENCE DATA															
Fax Number: (650)938-5200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: (650) 335-7194															
Email: gsueoka@fenwick.com															
Correspondent Name: Greg T. Sueoka															
Address Line 1: Fenwick & West LLP															
Address Line 2: 801 California Street															
Address Line 4: Mountain View, CALIFORNIA 94041															
ATTORNEY DOCKET NUMBER:	20412-11733														

PATENT

500132372

REEL: 018024 FRAME: 0165

CH \$40.00 11461032

NAME OF SUBMITTER:

Greg T. Sueoka

Total Attachments: 7

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PATENT

REEL: 018024 FRAME: 0166

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Ricoh Co., Ltd.**, a corporation of **Japan** having a place of business at **15-5 Minami Aoyama 1-Chome, Minato-Ku, Tokyo, Japan 107-8544**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **TRIGGERING APPLICATIONS BASED ON A CAPTURED TEXT IN A MIXED MEDIA ENVIRONMENT** ("APPLICATION"), which:

- ☐ is to be filed herewith.
- ☒ having a filing date of July 31, 2006, and bearing U.S. application serial number 11/461, 032.
- ☒ The APPLICATION claims priority from a provisional application, filed on August 23, 2005, now bearing US application serial number 60/710,767; and from a provisional application, filed on April 17, 2006, now bearing US application serial number 60/792,912, and from a provisional application, filed on July 18, 2006, now bearing US application serial number 60/807,654.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

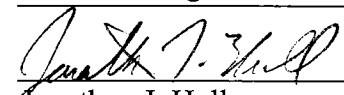
Title: TRIGGERING APPLICATIONS BASED ON A CAPTURED TEXT IN A MIXED
MEDIA ENVIRONMENT
Filed: not yet known
Application No.: not yet known

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that 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.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature


Jonathan J. Hull

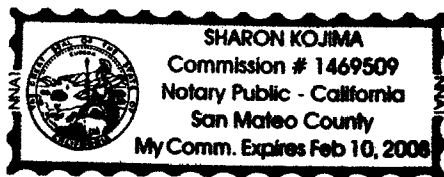
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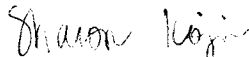
July 28, 2006

State of CALIFORNIA }
County of SAN MATEO } ss.

On JULY 28, 2006 before me, SHARON KOJIMA, Notary Public, personally appeared Jonathan J. Hull, personally known to me ~~or proved to me on the basis of satisfactory evidence~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

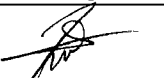




Notary

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Name and Signature


Berna Erol

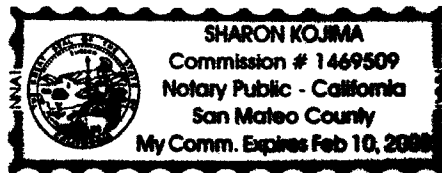
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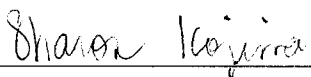
July 27, 2006

State of CALIFORNIA }
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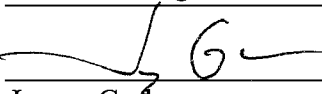
On JULY 27, 2006 before me, SHARON KOJIMA, Notary Public,
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Notary Seal




Notary

Name and Signature


Jamey Graham

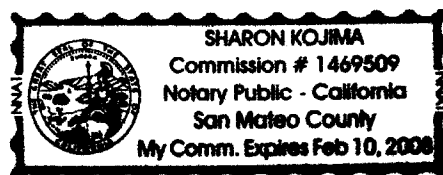
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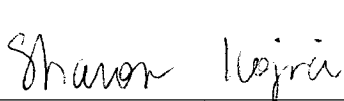
July 28, 2006

State of CALIFORNIA }
County of SAN MATEO } ss.

On JULY 28, 2006 before me, SHARON KOJIMA, Notary Public,
personally appeared Jamey Graham, personally known to me or proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his signature on
the instrument the person, or the entity upon behalf of which the person acted, executed the
instrument.

Notary Seal




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Name and Signature

Peter E. Hart
Peter E. Hart

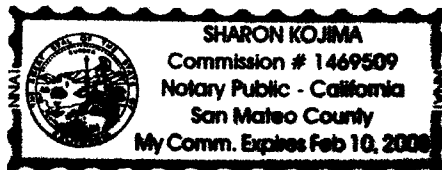
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instrument.

Notary Seal



Sharon Kojima
Notary

Name and Signature

Dar-Shyang Lee
Dar-Shyang Lee

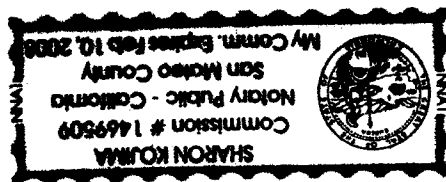
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7/28, 2006

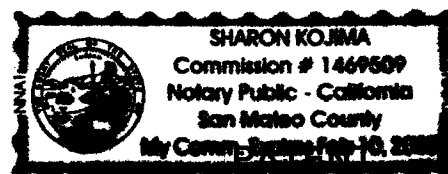
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On JULY 28, 2006 before me, SHARON KOJIMA, Notary Public,
personally appeared Dar-Shyang Lee, personally known to me or ~~proved to me on the basis of~~
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Sharon Kojima
Notary



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Kurt Piersol

_____, 2006

State of _____ }

} ss.

County of _____ }

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20412/11733/DOCS/1643249.1

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Kurt Piersol

7/28, 2006

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