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PATENTS TRADEMARKS & RELATED MATTERS

SEYMOUR ROTHSTEIN DAVID L. APPLEGATE OF COUNSEL

11-20-2000

101523831

August 14, 2000

U.S. Patent and Trademark Office

Assignment Division Box ASSIGNMENTS, CG-4 1213 Jefferson Davis Hwy., Suite 320 Washington, D.C. 20231

Attention:

Examiner Kirk Marcus Office of Public Records Assignment Division

Re: Recordation of Patent Assignment - Document ID No. 101380849

U.S. Patent Application Serial No. 09/503,757

METHOD AND APPARATUS FOR AUTOMATIC INFORMATION FILTERING USING URL HIERACHICAL STRUCTURE AND

AUTOMATIC WORD WEIGHT LEARNING

(Our Case - MM-20,108)

Dear Sir:

Please record the attached original Assignment document.

- The names of the conveying parties are: Keiichirou Hoashi, Naomi Inoue, and Kazuo Hashimoto.
- 2. The name and address of the receiving party is: KDD Corporation, 3-2, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, 163-03 Japan.
- 3. The conveyance is an Assignment signed by Keiichirou Hoashi, Naomi Inoue, and Kazuo Hashimoto.
- 4. The Patent Application against which the document is to be recorded is Serial No. 09/503,757, filed February 14, 2000.

PATENT REEL: 011244 FRAME: 0496

- 5. All correspondence concerning this document should be mailed to: Olson & Hierl, Ltd., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606. Please return the original document to the attention of Seymour Rothstein.
- 6. One Patent Application is involved at a recordal fee of \$40.00. [§37 C.F.R. 1.21 (h)].
- 7. The total fee (37 C.F.R. 3.41) of \$40.00 (Check No. 15964) was previously submitted. A copy of the U.S. Patent and Trademark Office communication of August 4, 2000 is enclosed herewith.
- 8. To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Respectfully submitted,

OLSON & HIERL, LTD.

SR:skd Enclosures

CERTIFICATE OF MAILING

I hereby certify that the above papers are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: U.S. Patent and Trademark Office, Assignment Division, Box ASSIGNMENTS, CG-4, 1213 Jefferson Davis Hwy., Suite 320, Washington, D.C. 20231 on August 14, 2000.

Sua Diagram

PATENT

REEL: 011244 FRAME: 0497

MICHAEL A. HIERL ARNE M OLSON DOLORES T. KENNEY TALIVALDIS CEPURITIS KATHRYN E. GARIPAY DANIEL J. DENEUFBOURG

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PATENTS TRADEMARKS & RELATED MATTERS

SEYMOUR ROTHSTEIN OF COUNSEL

Assistant Commissioner for Patents **Box ASSIGNMENTS** Washington, D.C. 20231

> Re: Recordation of Patent Assignment U.S. Patent Application Serial No. 09/503,757 METHOD AND APPARATUS FOR AUTOMATIC INFORMATION FILTERING USING URL HIERACHICAL STRUCTURE AND AUTOMATIC WORD WEIGHT LEARNING (Our Case - MM-20, 108)

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- 6. One Patent Application is involved at a recordal fee of \$40.00. [§37 C.F.R. 1.21 (h)]
- 7. The total fee (37 C.F.R. 3 41) of \$40.00 (Check No. 159(04)) is enclosed. Please credit any overpayment or charge any underpayment to Deposit Account No. 15-0508.

06/13/2000 JJRLLAHZ 00000044 09503757 01 FC:581

> PATENT REEL: 011244 FRAME: 0498

8. To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Respectfully submitted,

OLSON & HIERL, LTD.

By Symun Tothstein

Seymour Rothstein

SR:skd Enclosures

CERTIFICATE OF MAILING

I hereby certify that this paper, fee and the attachments are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Box Assignments, Assistant Commissioner for Patents, Washington, D.C. 20231 on May 18, 2000.

Sue Duggan

REEL: 011244 FRAME: 0499

RECORDED: 05/22/2000

In Consideration of One Dollar and other good and valuable consider	rations, the receipt of which is hereby
acknowledged, the entire right, title and interest in the invention or impre- AND APPARATUS FOR AUTOMATIC INFORMATIO	
HIERARCHICAL STRUCTURE AND AUTOMATIC W	
and in the application for Letters Patent of the United States therefor, exceeding	
herewith, and in any reissue or extension of any Letters Patent that may assigned by the undersigned to KDD Corporation	be granted upon said application are hereby, and the heirs,
	Corporation (hereinafter
collectively called said Assignee), and the Commissioner of Patents and	Trademarks is hereby authorized and requested
by the undersigned to issue said Letters Patent to said Assignee.	
For said considerations it is hereby agreed by the undersigned, uponecessary and proper oaths or affidavits relating to said application or reconstructions.	
divisional or continuing application thereof or for the filing or prosecution of any Letters Patent that may be granted on said invention or improvement expedient, and for the said considerations it is further agreed by the under the event of said application or any division thereof, or Letters Patent isses the reissue thereof, becoming involved in Interference, to cooperate to the Assignee in the matters of preparing and executing the preliminary statement support thereof, and further to perform, upon such request, any and all a vest all rights therein hereby conveyed in the said Assignee as fully and enjoyed by the undersigned if this assignment and sale had not been maderight, title and interest in said invention or improvements, including all prights and the privileges and benefits thereof, including those under the I Conventions, and the right to file applications for patent in said Assignee improvements in each and every country of the world are hereby assigned. Assignee. It is further agreed by the undersigned, upon the request of sath that shall be required of the undersigned to be executed in connection with Patent therefor, including the prosecution thereof, and to execute any and foreign applications and patents in said Assignee. The undersigned also the request of said Assignee, to promptly perform all lawful acts deemed in connection with maintaining, enforcing, or transferring the resulting gor foreign countries. It is agreed that such lawful acts include, but are redeclarations, powers, assignments and other papers and giving testimony patent are hereby authorized and requested by the undersigned to insert in the places provided therefor.	n of any application for the reissue or extension ents that said Assignee may deem necessary or exigned, upon the request of said Assignee, in sued thereon, or any reissue or application for see best of the ability of the undersigned with said ment and giving and producing evidence in ffirmative acts to obtain said Letters Patent and entirely as the same would have been held and e. And for the said considerations the entire priority rights, and the right to claim priority international Convention, and all other es own name for said invention or d and granted by the undersigned to said and Assignee, to execute any and all documents the any and all applications for foreign Letters d all documents necessary to invest title in said further agrees, for the said considerations, upon by said Assignee to be necessary or advisable rants of said Letters Patent in the United States not limited to, taking oaths, executing. The attorneys of record in said application for
Keiichirou HOASHI Rogalis	Dated: February 7, 2000
Naomi INOUE Noue	_
Naomi INOUE / Roue Kazuo HASHIMOTO Raza Hartum to	<u> </u>
County of)	
On, 19, the State and County aforesaid, and acknowledged that freely and	appeared before me, a Notary Public in and for voluntarily subscribed and executed the
foregoing Assignment for the purposes and uses therein expressed.	
(SEAL)	Notary Public

PATENT REEL: 011244 FRAME: 0500

My Commission Expires: