

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	LICENSE												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yogesh Chunilal Rathod</td> <td>04/25/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yogesh Chunilal Rathod	04/25/2011								
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Kootol Software Limited</td> </tr> <tr> <td>Street Address:</td> <td>1st Floor, Shreeji Complex, Opp.</td> </tr> <tr> <td>Internal Address:</td> <td>Jalaram Petrol Pump, Kalawad Road</td> </tr> <tr> <td>City:</td> <td>Rajkot</td> </tr> <tr> <td>State/Country:</td> <td>INDIA</td> </tr> <tr> <td>Postal Code:</td> <td>360001</td> </tr> </table>		Name:	Kootol Software Limited	Street Address:	1st Floor, Shreeji Complex, Opp.	Internal Address:	Jalaram Petrol Pump, Kalawad Road	City:	Rajkot	State/Country:	INDIA	Postal Code:	360001
Name:	Kootol Software Limited												
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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>11995343</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11995343								
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Application Number:	11995343												
CORRESPONDENCE DATA													
Fax Number:	(919)419-0383												
Email:	sanderson@jwth.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Gregory A. Hunt												
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Address Line 2:	Suite 1200 University Tower												
Address Line 4:	Durham, NORTH CAROLINA 27707												
ATTORNEY DOCKET NUMBER:	1731/5												
NAME OF SUBMITTER:	Gregory A. Hunt												
<p>Total Attachments: 42          source=1731_5_KootolSoftwareLimitedCompany2#page1.tif          source=1731_5_KootolSoftwareLimitedCompany2#page2.tif          source=1731_5_KootolSoftwareLimitedCompany2#page3.tif</p>													

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General Stamp Office, Mumbai  
**L.S.V No 116**  
 MAHARASHTRA  
 22 MAR 2011  
 Proper Officer

**SHRI K. R. MADGE**

श्री. विजय गोविंदजी लक्ष्कर  
 परधाना धारक मुद्रांक विक्रेता  
 परधाना धारक मुद्रांक विक्रेता प. प्र. 1116  
 पु. न. प्र. मु. मंत्री विभाग, अंमजी घाब मंत्रालय  
 - मु. 40042 मुमुंड (प.)  
 क्रमांक..... दिनांक.....  
 सर्वश्री/श्री/श्रीमती **Yogesh. C. Rathod**  
 यांना स.....सा न्यायिक मुद्रांक पेपर विक्रेता,  
 सही

**20 APR 2011**  
 EB 733802

1502/A, Mahavir  
 Residency, L.B.S. Rd  
 Mulund (W)

25678969 परधाना धारक मुद्रांक विक्रेता  
**PATENT LICENSE AGREEMENT**

This Patent License Agreement ("Agreement") is made and entered into this 25th day of April, 2011 by and between:

Yogesh Chunilal Rathod, S/O Chunilal D. Rathod, R/O 1502/A, Mahavir Residency, LBS Marg, Near Balrajeshwar Mandir, Mulund West, Mumbai-400080, Maharashtra, INDIA (hereinafter, the "Licensor" which term shall include its successors, assigns, nominees and agents)

*Handwritten signatures and initials:*  
 Y.C. Rathod  
 V.C. Rathod

AND  
 Kootol Software Limited Company, a company incorporated under the laws of India, with its registered office at Kootol software limited, 1st floor, shreeji complex, opp. Jalaram petrol pump, near swaminarayan temple, Kalawad road, Rajkot 360001, Gujarat, India (hereinafter, the "Licensee");

(The Licensor and Licensee are collectively referred to as the "Parties" and individually referred to as a "Party")



*Handwritten signatures:*  
 V.C. Rathod  
 Y.C. Rathod

WHEREAS the Licensor has developed and owns Patents and certain Technology As per the annexure A in relation to the Products as per the annexure B;

WHEREAS the Licensee is desirous of seeking an exclusive license from the Licensor for using the Technology and to manufacture the Products and sell and distribute the same as per the annexures A in relation to the Products as per the annexure B.

WHEREAS the Licensor herein is willing to allow the Licensee the exclusive right to use the Technology to manufacture the Products and distribute and sell the same within the Territory as defined below upon the terms and conditions stated in this Agreement.

NOW, THEREFORE, THIS AGREEMENT IN CONSIDERATION OF THE COVENANTS AND TERMS STATED HEREIN, THE SUFFICIENCY OF WHICH IS ACKNOWLEDGED, WITNESSETH AS UNDER:

1. (A) Definitions

In this Agreement (including the recitals hereof), the following expressions shall have, where the context so admits, the meanings assigned thereto:

**Patent Application/s** means the U.S Patent application no. 11/995343 attached as annexure A hereto as well as it's corresponding foreign patent applications and does not include divisional applications, improvements thereof or patent of addition thereof.

**Products** mean products detailed in annexure B. Product is based on licensed one embodiment comprising a method of communication, messaging and real time searching in a network comprising the steps of: storing one or more user profiles, preferences, subscribers & subscriptions, dynamic relationships or connections among said users and privacy settings at a central unit; determining one or more target recipients by a sender; allowing the sender to send one or more messages to the one or more target recipients via the central unit; receiving one or more messages from the sender at the central unit; storing and processing said messages at the central unit; determining one or more target recipients by the central unit based on one or more preferences; sending to the one or more target recipients a representation of the one or more messages by the central unit; presenting one or more messages in chronological order and as per the



*Y. C. Rathod* *Y. C. Rathod*

target recipients' preferences and privacy settings by the central unit; and allowing the user to access one or more accessible metadata, fields, parameters & links associate with a message to view links & profile, to subscribe to source of message by searching or selecting said message(s) or message(s) associated one or more accessible metadata & links. User can subscribe other users' message publications and allow other users to subscribe user's message subscription based on privacy settings. Central unit stores & indexes each messages of each users and provide real time search engine to users for searching said public messages. Subscription based on selections, send request or invite others, connections, contacts, search people, find friends from contacts, search sources from message(s) associate source(s), search subscribers & subscriptions of each public user, one or two way match making preferences, rules, conditions, categories, taxonomy wise directories & lists, auto match making based on preferences, profile, user data and user activities, actions, events & transactions;

**Technology** for the purpose of this Agreement shall mean to include the technology as defined in the U.S Patent Application no. 11/995343 enclosed herewith as Annexure A.

**Territory** means Globally.

(B) Interpretation

In this Agreement, unless the contrary intention appears:

- (a) the section headings of this Agreement are for convenience only and do not alter or affect the interpretation of this Agreement;
- (b) a reference to the singular includes the plural and vice versa and words of either gender shall include the other gender;
- (c) a reference to a 'person' includes any individual, company, partnership, joint venture, association, corporation, society or other body corporate;
- (d) a reference to paragraphs, clauses, recitals and schedules are references to paragraphs, clauses, recitals and schedules of this Agreement;



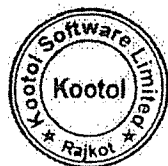
*v.c. Kothand* *y.c. Kothand*

- (e) the terms "hereof", "herein", "hereby", "hereto", "hereunder" and derivative or similar words refer to this entire Agreement or specified clauses of this Agreement, as the case may be;
  - (f) reference to applicable Law or to any provision thereof shall include references to any such applicable Law as it may, after the date hereof, from time to time, be amended, supplemented or re-enacted, and any reference to any statutory provision shall include any subordinate legislation made from time to time under that provision;
  - (g) references to this Agreement or any other document shall be construed as references to this Agreement or that other document as amended, varied, novated, supplemented or replaced from time to time;
  - (h) reference to the word "include" shall be construed without limitation; and
  - (i) the time periods stated in this Agreement shall be of the essence.
2. The Licensor hereby grants, upon the terms and conditions herein contained, an exclusive license to the Technology. The Licensee accepts the grant upon the terms herein contained and agrees that it will use the Technology to manufacture the Products and not otherwise and distribute and sell the Products within the Territory in accordance with the terms hereof.

The Licensee shall prepare and manufacture the Products or have the Products manufactured strictly in accordance with the Patent Application or instructions approved in writing by the Licensor herein.

3. In consideration for the right and license granted under this Agreement, the Licensee shall, subject to any agreement between the Parties, pay to the Licensor:
- (a) a royalty of 15% (fifteen percent) of gross sales made by the Licensee from the use of the Patent Application quarterly. With mutual understanding the rate of royalty can be reduced by 5% or can be up by 10% of gross sales.

The payment shall be accompanied by a statement setting out the calculation of the royalty paid. Within [30] days of the end of each financial quarter of the Licensee, it shall provide to the Licensor a certificate from its statutory auditors setting out the royalty calculations for such financial quarter. Any



*v. c. Rathore*      *Y. C. Rathore*

deficient payments found pursuant to such certificate shall be paid within [30] days of the end of the financial quarter along with interest at the rate of [18] per cent per annum.

4. The Licensee may sub-license the use of the Patent Application only after prior approval in writing by the Licensor. The Licensor shall not unreasonably withhold the consent and shall communicate their decision in writing within 10 (ten) days of such request being made by the Licensee. The Licensee shall be liable to pay the Licensor royalty of 50% of the gross revenue earned by such sub licensing to the Licensor quarterly.
5. The Licensee shall maintain accurate and complete records, books and accounts, as per acceptable standards, insofar as these relate to the manufacture, sale and distribution of the Products using the Technology.

The Licensee shall provide Licensor with all such information and documents as it may reasonably request in relation to the Licensee's sales of the Products manufactured using the Technology and shall permit the Licensor or its authorised representatives at any time throughout the term of this Agreement during normal business hours and on reasonable notice to inspect Licensee's records, books and accounts and to make copies of any books of accounts or other materials in so far as these relate to the Products manufactured using the Technology.

6. The Licensor warrants that -
  - (a) Licensor owns all rights in and to all other portions of the Technology, free of any liens, claims, encumbrances or other restrictions that would impair Licensee rights under this Agreement.
  - (b) The Technology has not been licensed so far to any other party.
  - (d) Licensor warrants that the Technology shall be free of material defects and shall function in conformance with its published documentation.
  - (e) Licensor warrants that the Licensor will maintain and defend their Technology and Intellectual Property limited to the Patent Application.



*v. c. Rathod*      *y. c. Rathod*

- (f) The Licensor shall not be responsible for consequent damages resulting from the faulty application and/ or use of the Technology by the Licensee.
7. The Licensee shall ensure that the Products manufactured using the Technology shall be in accordance with the specifications given by Licensor and maintained in accordance with directions given by the Licensor from time to time in addition to being in compliance with all national, state, municipal, local and other Government laws, decrees, ordinance, rules, orders, regulations and charges.
8. The Licensee will manufacture, sell, market and distribute the Products in accordance with all national, state, municipal, local and other Government laws, decrees, ordinances, rules, orders, regulations and charges.
9. (a) Licensee undertakes to manufacture, sell, market and distribute the Products strictly on its own merits, and will make only such representations concerning the Products as shall have been previously authorized under this Agreement and/ or in writing by the Licensor herein.
- (c) Once every month, the Licensee will furnish the Licensor with adequate samples of the Products.
- (d) The Licensee acknowledges that the Products made using the Technology and sold in the Territory enjoys reputation and goodwill and signifies to the public the high quality standards of the Products and that it is necessary to conserve and maintain this reputation and goodwill by adherence to certain quality standards.
- (e) The Licensee will not engage in any conduct which would impair its ability to exploit the full market potential of the Products in the Territory or otherwise comply with the provisions of this Agreement and in particular, the Licensee shall not, during the term hereof, engage in the manufacture and/ or dealing with any product competing with the Products, without the written consent of the Licensor.
- (f) Licensee will not manufacture, market distribute or sell, directly or indirectly (including through a third party, an affiliated or related entity or one under common ownership or control or one in which the



*v. c. Rathod*      *y. c. Rathod*

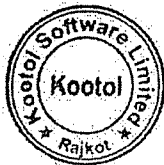


Licensee has an interest or participation), any other product which is an imitation of the Products or is likely to be confused as a substitute thereof.

(g) The Licensee will permit the agents of the Licensor to enter the Licensee's plant(s) and its place of business (including but not limited to offices, warehouses, manufacture and distribution facilities) at any time during working hours and to (i) inspect the facilities, equipment and materials used in manufacturing, selling, marketing and distributing (as the case may be) the Products; (ii) inspect the operations and processes deployed by Licensee; (iii) remove reasonable quantity of samples of the Products; (iv) undertake quality control procedures and checks; (v) interview employees and agents of the Licensee and/ or (vi) examine any books or records lying therein to verify compliance by Licensee with the terms of this Agreement including but not limited to the royalty payments hereunder.

(h) The Licensee will submit to the Licensor such information and reports concerning its business and financial condition and in such form as the Licensor may from time to time prescribe. The Licensor, its agents or representatives, may examine and audit the business records at all reasonable times upon notice to the Licensee.

10. The Licensee recognizes the Licensor's ownership to the Technology and will not take any action which will prejudice or harm the Technology, or the Licensor's ownership thereof, in any way. The Licensee acknowledges that it has no right, title or interest in the Technology, other than as set out in this Agreement. If the Licensee learns or is informed of an infringement or misuse of the Technology, it shall forthwith notify it to the Licensor. The Licensor, in its sole discretion, shall determine whether or not to institute legal proceedings in the name of the Licensee and the Licensee will extend all necessary cooperation to the Licensor in this regard. The Licensor will have the sole right to protect and defend its Technology. The decision of the Licensor on all matters concerning its Technology shall be final and conclusive and the same shall not be subject to question by the Licensee. All costs and expenses incurred in any suit or legal proceeding involving the Technology shall be exclusively borne by the Licensee. In case of any damages that are awarded by the courts for infringement of the Technology, the damages so awarded will be divided between the Parties in a ratio of 70:30 with 70% of the damages accruing to the Licensor and 30% accruing to



*v.c. Kothrud*

*y.c. Kothrud*

the Licensee. Such division of damages must be done after the deduction of all costs incurred in bringing, defending the legal proceeding, including the attorney fee. The licensee further agrees that the ownership in any improvement carried out on the Technology of the Licensor or arising thereof and any intellectual property generated there from will reside with the Licensor unless agreed to be jointly held with the Licensee.

The LICENSOR will take necessary steps to register the agreement with the appropriate Intellectual property Offices as and when the law of that country requires registration

11. The Licensee will make no change in its name as set forth hereinabove at page 1 hereof without the prior written consent of the Licensor.
12. Nothing in this Agreement shall create or be deemed to create any relationship of agency, partnership or joint venture between the Licensee and the Licensor, or constitute one of the Parties as the legal representative of the other. The Licensee will assume full responsibility and liability for, and will hold the Licensor harmless from any loss, injury and/ or damages resulting from or claimed to result from any negligent act or omission on the part of the Licensee in the performance of its obligations under this Agreement.

It is agreed that in so far as product liability claims are concerned the Licensee, shall be solely responsible for all product liability and damage claims, howsoever caused, and shall fully indemnify and hold harmless the Licensor from all such liability or claim, including the legal costs of defending such claims, which are alleged to have arisen as a result.

13. The Licensee agrees that this Agreement or any interest, rights and obligations of the Licensee hereunder, shall not be sold, assigned, pledged, mortgaged, leased, or in any other way or manner encumbered, or disposed of in whole or in part by it, nor shall it pass by operation of law or otherwise without the Licensor's prior written consent. The Licensor shall have the right to assign the Patent Application to a third party provided that the third party replacing the Licensor shall abide by the terms and conditions of this Agreement which may be amended by the mutual consent of the parties.
14. The parties will keep confidential any information provided to it by the other party that is proprietary to the other party and whether or not marked confidential; provided such information shall not be considered proprietary once it is in the public domain by no fault of the other party. Such



*v. c. Rathod*      *y. c. Rathod*

confidentiality will be maintained by the other party with the same care that such party would use for its own confidential information, but in any event with reasonable care.

The LICENSEE further agrees:

- (i) That they will not use the Technology as provided under the Agreement except as expressly provided herein;
- (ii) That they shall keep the Technology confidential and will only disclose the same to employees who have a need to know and have signed confidentiality agreements with the Licensee.
- (iii) That Licensee will not make any Technology available to any third party or the Contract manufacturer without the written consent of the Licensor.
- (iv) The Licensee to ensure compliance of the Agreement and shall also ensure that the third party or the contract manufacturer are also bound by the terms and conditions of this Agreement including that it will keep such Technology confidential
- (v) That the Technology and all documents furnished hereunder are deemed to be and shall remain the property of Licensor, and that upon termination of this Agreement or licensee's rights hereunder, licensee shall upon request deliver to licensor all documents containing any of the technical information and all copies thereof then under licensee's control.

15. This Agreement shall commence on the date hereof. The Licensor shall have the right to terminate this Agreement immediately by notice in writing to the Licensee in the event that the Licensee fails to perform or observe any of the obligations on its part to be performed or observed under this Agreement. It is agreed, however, that before the Licensor exercises the option of terminating the Agreement on any of the aforesaid grounds, it shall call the Licensee's attention to such failure by written notice to the Licensee, specifying the deficiency, and suggest remedial steps therefore. If, in the reasonable opinion of the Licensor, the said failure shall not have been corrected, to the Licensor's satisfaction, within 30 days after the giving of such written notice, the Licensor shall thereupon have the right, upon written notice to the Licensee to that effect, effective immediately, to terminate this Agreement.

16. Unless otherwise agreed by the Parties the Licensee will not, after the date of termination, use the Technology in any manner whatsoever so



*V. C. Rathod*      *J. C. Rathod*

long the technology is not in the public domain or has been obtained from any third party. Upon termination of this Agreement, the Licensee shall not have any residual rights of any nature whatsoever in respect of such license or the Technology. Termination of the Agreement, however arising, will not affect any of the rights and remedies of the Licensor that have accrued as at termination.

17. In the event the Licensee has the Products manufactured by a Contract Manufacturer or sub-licensee the Technology, it shall be obligated to ensure at all times that such Contract Manufacturer and/ or the sub-licensee fully complies with all of the terms and conditions of this Agreement to the manufacture of the Products as they apply to the Licensee (including but not limited to confidentiality obligations). In particular, and without limiting the generality of the preceding sentence, such Contract Manufacturer and/ or the sub-licensee will provide access to the Licensor, and their respective officers, employees and agents, to the offices, facilities, or any other place where the business of such Contract Manufacturer is conducted in the same manner and for the purposes set out in this Agreement. The failure by any Contract Manufacturer and/ or sub-licensee by or through whom the Licensee may manufacture the Products, in whole or in part, to comply strictly with the terms and conditions of this Agreement relative to the manufacture of the Products, shall constitute a breach and violation of this Agreement.
18. The Licensee represents and warrants that it is a duly incorporated company, validly existing under the laws of India and has all requisite power and authority including without limitation, board of directors and shareholders approval, where required, to enter into and perform this Agreement and to carry on its business as now conducted. This Agreement has been duly executed and delivered by the Licensee through Mr. Vijay Chunilal Rathod, the Director of the Licensee who has requisite authority to enter into this Agreement and that this Agreement is valid and enforceable against the Licensee in accordance with its terms.
19. The Licensee covenants and agrees with the Licensor:
- (a) That it will make no representations or disclosures to the public or any other third party relating to Products without the prior written consent of the Licensor unless otherwise required by law.



*V. C. Rathod*      *V. C. Rathod*

- (b) That breach of the obligations stated herein will lead to irreparable damage to the Licensor for which the Licensee shall be solely liable in accordance with law.
- (c) That it will, at all times during the continuance and after termination of this Agreement, keep strictly confidential all secret and confidential information including without limiting the generality of the foregoing, details of the Technology, sales, marketing and distribution information projects and plans relating to the subject matter of this Agreement which the Licensee may receive from the Licensor or in any other manner and to ensure that such information shall be made known on a need to know basis only to those officers, directors, employees and sub-contractors bound by legally valid and written non-disclosure and secrecy obligations as is set out in this Agreement. The Licensee shall continue to be liable for any breach or violation of such obligations by any of such officers, directors, employees or subcontractors.
- (d) That upon the expiration or earlier termination of this Agreement, the Licensee will make necessary arrangements to deliver to the Licensor in accordance with instructions as may be given by the Licensor, Technology and all written, graphic, electromagnetic, computerized, digital or other materials comprising or containing any information subject to the obligation of confidence hereunder.

20. The failure by the Licensor to enforce at any time or for any period of time any one or more of the terms or conditions of this Agreement, shall not be a waiver of such terms or conditions or of the Licensor's right thereafter to enforce each and every term and condition of this Agreement.

21. Any notice, demand or other communication required or permitted to be made hereunder shall be in writing and shall be well and sufficiently given or made if:

- (a) sent by registered mail, or
- (b) telefaxed or sent by other means of recorded electronic communication during normal business hours on a Business Day and confirmed by mail as aforesaid;

If to the Licensor, addressed to it at:



v. c. Kothwal      y. c. Kothwal

1502/A, Mahavir Residency,  
L.B.S. Marg,  
Mulund(W), 400080,  
Mumbai, Maharashtra,  
India  
Mobile No: 09821898140  
Email: rathodyogeshc@gmail.com  
Attention: Yogesh Chunilal Rathod

Tel: 9821898140

If to the Licensee, addressed to it at:

KOOTOL SOFTWARE LIMITED,  
1ST FLOOR, SHREEJI COMPLEX,  
OPP. JALARAM PETROL PUMP,  
NEAR SWAMINARAYAN TEMPLE,  
KALAWAD ROAD,  
RAJKOT 360001  
GUJARAT, INDIA

Attention: Vijay Chunilal Rathod

Tel: 9821913640

Any notice, demand or other communication so given or made shall be deemed to have been given or made and to have been received on:

- (i) the third Business Day after the postmark date thereof (excluding each day during which there exists any general interruption of postal service due to strike, lockout, labour disturbances or other causes) if mailed as aforesaid; and
- (ii) the day of sending if sent by telefax or other means of recorded electronic communication.

Either Party may, from time to time, change its address for notice by giving notice to the other Party in the manner aforesaid.

For the purpose of this Agreement, "Business Day" shall mean any day (other than a Saturday, Sunday or a public holiday) on which commercial banks are



v.c. Rathod y.c. Rathod

open for business in [Mumbai] for normal business in relation to any financial or banking transaction.

22. Should any Article, sentence, provision, paragraph, or part of this Agreement, for any reason whatsoever, be adjudged by any court of competent jurisdiction, or be held by any other competent Government authority having jurisdiction in the premises, to be invalid, unenforceable or illegal, such judgment or holding shall not affect, impair or invalidate the remainder of this Agreement, but shall be confined in its operation to the Article, sentence, provision, paragraph or part of this Agreement directly involved in the matter, controversy or proceeding in which such judgment or holding shall have been rendered, and the remainder of this Agreement shall remain in full force and effect.

24. Dispute Resolution-

(a) Any dispute arising out of or in connection with this Agreement, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration in Mumbai in terms of the Arbitration and Conciliation Act, 1996 by a single arbitrator appointed jointly by the Licensor and the Licensee. In case no decision as to the appointment of an arbitrator is arrived at by the parties, both the Licensor and the Licensee shall appoint one arbitrator each who shall then appoint the third arbitrator. The arbitrator(s) shall have the authority to award any and all available remedies, including legal and equitable relief.

(b) The parties hereto may apply to any court of competent jurisdiction for a temporary restraining order, preliminary injunction, or other interim or conservatory relief, as necessary, without breach of this arbitration agreement and without any abridgment of the powers of the arbitrator. The arbitral proceedings and all pleadings and written evidence shall be in the English language. Any written evidence originally in a language other than English will be submitted in English translation accompanied by the original or true copy thereof.

(b) The prevailing party in any action brought to enforce or interpret this Agreement or for relief for its breach shall be entitled to recover its costs and its reasonable attorneys' fees incurred to prosecute or defend such action.

25. Jurisdiction. This Agreement and any disputes or claims arising out of or in connection with its subject matter are governed by and construed in accordance with the law of India. The Parties irrevocably agree that the courts of Mumbai have the jurisdiction to settle any dispute or claim that arises out of or in connection with this Agreement.



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26. This Agreement expresses fully the understanding between the Parties concerning the subject matter hereof and all prior understandings, representations, appointments, licenses or agreements, oral or written in respect thereof, are hereby cancelled. The terms or provisions of this Agreement may be modified, amended, supplemented, waived, or discharged only upon mutual consent of the parties and in writing signed by the Parties hereto.

27. No waiver, express or implied, by either of the Parties hereto of any rights hereunder, or of any failure to perform, shall be a continuing waiver or constitute or be deemed to constitute a waiver of any other right hereunder or of any claim or remedies available in law in respect of any other breach hereof by the other Party hereto, whether of similar or dissimilar nature.

28. This Agreement may be executed in any number of counterparts. Each counterpart will constitute the original but all the counterparts when taken together will constitute one and the same agreement.

IN WITNESS WHEREOF, the Licensor and the Licensee have caused this Agreement to be duly executed and delivered in duplicate as of the day and year first above written.

For the Licensor

Signature Y.C. Rathod  
Name: Yogesh Chunilal Rathod  
Designation: Patent Inventor

For the Licensee  
For Kootol Software Limited

Signature V. C. Rathod  
Name: Vijay Chunilal Rathod Director  
Designation: Director



WITNESS NO. 1

Signature R. Rathod  
Name: Ramesh C. Rathod  
Designation:

WITNESS NO. 2

Signature A. Rathod  
Name: Amita Yogesh Rathod  
Designation:



Annexure A

1. **U.S. Patent Application No.:** 11995343  
**Title:** A Method and System for Communication, Advertising, Searching, Sharing, and Dynamically Providing a Journal Feed
  
2. **Indian Patent Application No.:** 878/MUM/2005  
**Title:** A System for Providing Distributed Human Services, Real Time and Social Searching and Communication with Unknown Likeminded Users
  
3. **EP Patent Application No.:** EP06842707.9  
**Title:** UNIVERSAL KNOWLEDGE MANAGEMENT AND DESKTOP SEARCH SYSTEM.
  
4. **Canada Patent Application No.:** 2615659  
**Title:** UNIVERSAL KNOWLEDGE MANAGEMENT AND DESKTOP SEARCH SYSTEM.



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Annexure B

U.S. Patent Application No.: 11995343

Title: A Method and System for Communication, Advertising, Searching, Sharing and Dynamically Providing a Journal Feed

Disclaimer: Claim, Paragraph, Line or Word which is strike out is not the part of this Exclusive Patent License Agreement.

Amended Claims as on Date 30<sup>th</sup> March, 2011:

481. A method of communication, messaging and real time searching in a network comprising the steps of:

storing one or more user profiles, preferences, subscribers & subscriptions, dynamic relationships or connections among said users and privacy settings at a central unit;

determining one or more target recipients by a sender;

~~allowing the sender to perform one or more activities in one or more networks based on one or more applications, services, multimedia contents, user connections, communication, interactions, sharing and collaboration among users and/or to send one or more messages to the one or more target recipients via the central unit;~~

~~receiving one or more messages from the sender at the central unit or auto-generating one or more messages and dynamically associating accessible metadata, fields, parameters & links with said auto-generated messages based on monitoring, storing and managing of said one or more related activities, actions, events and transactions by the central unit;~~

storing and processing said messages at the central unit;

determining one or more target recipients by the central unit based on one or more preferences;

sending to the one or more target recipients a representation of the one or more messages by the central unit;



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presenting one or more messages in chronological order and as per the target recipients' preferences and privacy settings by the central unit; and

allowing the user to access one or more accessible metadata, fields, parameters & links associate with a message to view links & profile, communicate, collaborate, share and participate in the same activity as the sender; to subscribe to source of message by searching or selecting said message(s) or message(s) associated one or more accessible metadata & links.

482. The method according to claim 481, wherein said one or more network(s) comprise one or more social networks; external networks, non-social networks, centralized or peer-to-peer networks.

483. The method according to claim 481, wherein the step of determining of one or more target recipients by the sender comprises selecting one or more users from one or more categorized contacts or connections or dynamic relationships and/or auto selecting based on one or two way match making preferences and/or selecting one or more subscribers or categories of subscribers of the sender.

484. The method according to claim 483, wherein said categorized contacts or connections or dynamic relationships comprise contacts determined by searching and selecting known connections of connected users; unknown likeminded users based on one or more search criteria, said categorized contacts optionally enabled by accepting invitations from users.

485. The method according to claim 483, wherein the one or two way match making comprises indicating one or more preferences, connections, subscribers, predefined filters, rules, and privacy settings, said preferences and privacy settings comprises associating metadata including one or more keywords, taxonomies, categories, rules, conditions, ontology, domain specific survey data, profile data with one or more messages by the sender for sending to matched target recipients which are matched to one or more users to determine one or more target recipients.



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486. The method according to claims 481 or 483, wherein the sender is allowed to send one or more messages with accessible metadata including categories, taxonomies, keywords, shared ontologies, glossaries, index data, semantics expression, system data including date and time, current location, profile of sender and, multimedia contents, conditions, rules, or a combination thereof to one or more subscribers, categories of subscribers and/or selected one or more users from one or more categorized contacts, connections, dynamic relationships, matched target recipients and/or advertise one or more messages.

487. The method according to claim 481, wherein the step of processing the one or more messages by the central unit comprises storing, formatting, indexing, and/or associating one or more metadata fields, parameters and links.

488. The method according to claims 481 or 483, wherein the step of determining one or more target recipients by the central unit comprises of:

- selecting, auto matching or searching a database for one or more target recipients based on one or more preferences, filters, rules, profiles, relevancy, behavior, interests, connections and dynamic relationships; and
- matching the sender's one or more selections & preferences.

489. The method according to claims 481 or 483, wherein the central unit provides search to users for searching content of messages and searching or subscribing to sources of messages based on at least a part of message content and one or more search criteria.

490. The method according to claim, 489 wherein the search criteria comprising of one or more keywords, locations, languages, rank & hit statistics, date range, content type including hyperlink, text, video, audio, image, categories, shared ontology, semantic syntax, filter criteria, predefined search templates, conditions and customized commands.



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491. ~~The method according to claims 481 or 487, wherein the messages associate accessible metadata, fields, parameters & links, said accessible metadata, fields, parameters & links comprising activity or action related one or more categories, taxonomy classifications, date & time of message, message source name (from), ID & Uniform resource locator (URL), action descriptions & details, action related messages, action URL, accessible one or more action sources & identified objects from network and/or external domain including one or more links, applications, services, multimedia contents, pages, multi AI Agents, connected users, networks, groups, digital sources, profiles, action related one or more lists, attachments, dynamically associated or attach one or more services, applications, links, utilities & shared workspace link(s) for participate in the same activity as the sending user, take related actions, sharing, searching, tracking, communication, collaboration, accessing information and workflow, action source related availability status including online, offline & away, tracking status of message, message related communication details, size of message, message status including sent, received, draft, spam & deleted and message associated keywords, ontology, rank & hits, multimedia contents including text, web links, videos, audio, images, files, system data and advertisements or a combination thereof.~~

492. The method according to claim 481, wherein the target recipients sort, filter, assign rank, give review, search, bookmark, subscribe, share, applying security & settings and replication to one or more messages.

493. The method according to claim 481, wherein the users create public or private or shared categories lists of one or more senders.

494. The method according to claim 493, wherein the users search, match or subscribe to said categories lists of one or more senders.



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495. The method according to claim 481 or 493 wherein central unit stores and maintains taxonomy classification of the categories of senders with metadata, said metadata comprising a categories name, details, subscribers and subscriptions, creator name or ID, or date of creation.

496. The method according to claim 481, wherein the sender and receiver each comprise a user computer system, digital message(s) source, user application, telephone or mobile, smart device, automated message(s) source, external social network sources, sensor systems, domain specific expert human, multi Artificial Intelligence Agent(s), translation system, speech or voice message(s) source(s).

497. The method according to claim 481, wherein the central unit stores and maintains all subscribers and subscriptions of each user for allowing other users to search and subscribe to any one or more of said subscribers and subscriptions.

498. The method according to claim 481, wherein the user is allowed to subscribe or unsubscribe or send requests for subscriptions to one or more selected users or block one or more selected subscribers or subscriptions.

499. The method according to claim 481, wherein the user is allowed to share, reply, forward, review, send, re-send, bookmark, sort, synchronize one or more messages, refer senders of messages to other connected users, connect or disconnect sender of messages, schedule receiving & posting of messages, view sender's name, profile, link, category, message metadata, and hit statistics, assign ranks, and search one or more messages or senders of messages.

500. The method according to claim 481, wherein the user and central unit are configured to publish and subscribe message content based on one or more preferences & privacy settings, keywords, replication types and topology model including preference based snapshot or merge or transactional replication, pulling &



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pushing of subscriptions or publications, taxonomy classifications, shared ontology, sources, location, language, ranks & hits and a combination thereof.

501. ~~The method according to claim 481, wherein one or more users dynamically creates one or more group(s) based on one or more matched preferences said matched preferences, said matched preferences comprising a current location of user a based on wireless and/or wired devices, languages, date & time, privacy settings, profile(s), known or unknown connections or contacts, selections, keywords, taxonomies, categories, activities types, or a combination thereof for communicating, collaborating, participating and sharing with each other.~~

502. A system of communication, messaging and searching in a network comprising :

- ~~one or more senders adapted to determine one or more target recipients, to perform one or more activities or actions in one or more networks based on one or more applications, services, multimedia contents, user connections, communication, interactions, sharing and collaboration among users and to send one or more messages to one or more target recipients via a central unit;~~
- ~~the central unit configured to receive & store one or more user profiles, preferences, subscribers & subscriptions, dynamic relationships or connections among said users and privacy settings from users, to allow user to perform one or more activities or actions in one or more networks based on one or more applications, services, multimedia contents, user connections, communication, interactions, sharing and collaboration among users, to receive & store messages from the senders, to auto-generate one or more messages and dynamically associate accessible metadata, fields, parameters & links with said auto-generated messages based on monitoring, storing and managing of said one or more related activities, actions, events and transactions, wherein dynamically associate or attach one or more accessible metadata, fields, parameters & links with said auto-generated message, to store and process said messages, to~~



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determine one or more target recipients based on one or more preferences, to send a representation of said messages to determined one or more target recipients, to display said messages in chronological order and as per each target recipient's preferences and privacy settings and to provide search for searching said stored message contents and/or senders or sources of messages based on at least part of message content for subscribing to said senders or sources, to allow the user to access one or more accessible metadata, fields, parameters and links associate with message to view links and profile, ~~communicate, collaborate, share and participate in the same activity as the sender,~~ to subscribe to source of message by searching or selecting said message(s) or message(s) associated one or more accessible metadata & links; and

- one or more target recipients adapted to receive said one or more messages as per preferences & privacy settings, ~~to view links, share contents, provide services, communicates, participates and collaborates in one or more activities of one or more senders,~~ to subscribe to sender or source of message by selecting said message(s) or message(s) associated one or more accessible metadata, fields, parameters & links, to search said stored message contents and/or search senders or sources of messages based on at least part of message content to subscribe to said senders or sources.

503. The system according to claim 502, wherein said communication, messaging and real-time searching in one or more network(s) comprises one or more social networks, external networks, non-social networks, centralized or peer to peer networks.

504. The system according to claim 502, wherein the sender is adapted to determine one or more recipients by selecting said recipients from one or more categorized contacts or connections or dynamic relationships and/or auto selecting said recipients based on one or two way match making preferences and/or selecting one or more subscribers or categories list of subscribers of the sender.

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505. The system according to claim 504, wherein said categorized contacts or connections or dynamic relationships comprise contacts determined by searching and selecting known connections of connected users; unknown likeminded users based on one or more search criteria, said categorized contacts optionally enabled by accepting invitations from users.

506. The system according to claim 504, wherein the sender and receiver are enabled to indicate one or more one or two way match making preferences, connections, subscribers, predefined filters, rules and privacy settings said preferences and privacy settings comprising metadata, one or more keywords, taxonomies, categories, rules, conditions, ontology, domain specific survey data, profile data with one or more messages by the sender for sending to matched target recipients which are matched to one or more users to determine one or more target recipients.

507. The system according to claims 504 or 506, wherein the sender is adapted to send one or more messages with accessible metadata including categories, taxonomies, keywords, shared ontologies, glossaries, index data, semantics expression, system data including date and time, current location, profile of sender, multimedia contents, conditions, rules, or a combination thereof to one or more subscribers or categories list of subscribers and/or selected one or more users from one or more categorized contacts or connections or dynamic relationships, matched target recipients and/or advertise one or more messages.

508. The system according to claim 502, wherein the central unit is configured to process the one or more messages, said processing comprising storing, formatting, indexing, and/or associating and/or attaching one or more metadata, fields, parameters and links.

509. The system according to claims 502 or 504, wherein the central unit is further configured to determine one or more target recipients by:



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- select, auto match or search a database for one or more target recipients based on one or more preferences, filters, rules, profiles, relevancy, behavior, interests, connections and dynamic relationships;
- matching the sender's one or more selections & preferences.

510. The system according to claims 502, wherein the central unit is configured to provide a real time search interface to users for searching content of messages and searching or subscribing to sources of messages based on at least part of message content and one or more search criteria.

511. The system according to claim 510, wherein the search criteria comprise one or more keywords, locations, languages, rank & hit statistics, date range, content type including hyperlink, text, video, audio, image, categories, shared ontology, semantic syntax, filter criteria, predefined search templates, conditions and customized commands.

512. ~~The system according to claims 502 or 508, wherein the messages associate accessible metadata, fields, parameters & links, said accessible metadata, fields, parameters & links comprising activity or action related one or more categories, taxonomy classifications, date & time of message, message source name (from), ID & Uniform resource locator (URL), action descriptions & details, action related messages, action URL, accessible one or more action sources & identified objects from network and/or external domain including one or more links, applications, services, multimedia contents, pages, multi AI Agents, connected users, networks, groups, digital sources, profiles, action related one or more lists, attachments, dynamically associated or attach one or more services, applications, links, utilities & shared workspace link(s) for participate in the same activity as the sending user, take related actions, sharing, searching, tracking, communication, collaboration, accessing information and workflow, action source related availability status including online, offline & away, tracking status of message, message related communication details, size of message, message status including sent, received, draft, spam & deleted and~~



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~~message associated keywords, ontology, rank & hits, multimedia contents including text, web links, videos, audio, images, files, system data and advertisements or a combination thereof.~~

513. The system according to claim 502, wherein the target recipients are adapted to sort, filter, assign rank, give review, search, bookmark, subscribe, share, applying security & settings and replication to one or more messages.
514. The system according to claim 502; wherein the users are adapted to create public or private or shared categories of one or more senders, said users are enabled to search, match or subscribe to said categories lists of one or more senders.
515. The system according to claims 502, wherein the central unit is configured to store and maintain taxonomy classification of the categories of senders with metadata, said metadata comprising a categories name, details, subscribers and subscriptions, creator name or ID, date of creation.
516. The system according to claim 502; wherein the sender and receiver comprises user computer system, digital message(s) source, user application, telephone or mobile, smart device, automated message(s) source, external social network sources, sensor systems, domain specific expert human, multi Artificial Intelligence Agent(s), translation system, speech or voice message(s) source(s).
517. The system according to claim 502, wherein the central unit is configured to store and maintain all subscribers and subscriptions of each user for allowing other users to search and subscribe to any one or more of said subscribers and subscriptions.
518. The system according to claim 502, wherein the user is enabled to subscribe or unsubscribe or send requests for subscriptions to one or more selected users or block one or more selected subscribers or subscriptions.



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519. The system according to claim 502, wherein the user is enabled to share, reply, forward, review, send, re-send, bookmark, sort, synchronize one or more messages, refer senders of message to other connected users, connect or disconnect sender of messages, schedule receiving & posting of messages, view sender's name, profile, link, category, message metadata, and hit statistics, assign ranks, and search one or more messages or senders of messages.

520. The system according to claim 502, wherein said preferences comprise presenting the messages based on chronological order, date, and/or time wise, source wise, keyword wise, rank & hit wise, availability status wise including online or offline, taxonomy wise, location & language wise in an ascending or descending order.

521. The system according to claim 502, wherein the user and central unit are configured to publish and subscribe message content based on one or more preferences & privacy settings, keywords, replication types and topology model including preference based snapshot or merge or transactional replication, pulling & pushing of subscriptions or publications, taxonomy classifications, shared ontology, sources, location, language, ranks & hits and a combination thereof.

522. The system according to claim 502, wherein the user is enabled to access said system from any one or more communication applications, services, networks, and smart devices.

523. The system according to claim 502, wherein the user is enabled to dynamically create one or more group(s) based on one or more matched preferences, said matched preferences comprising current location of user based on wireless devices and wired devices, languages, date & time, privacy settings, profile(s), known or unknown connections or contacts, selections, keywords, taxonomies, categories, activities types, and like for communicating, collaborating, participating and sharing with each other.



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524. A network device for communication, messaging and searching in a network, said network device configured to perform the method as claimed in claims 481.

525. A client device communicatively coupled with the network device for sending and/or receiving one or more messages, searching, sharing, communication, participation with other users of network(s), said client device configured to perform the method as claimed in claims 481.

661. The method according to claim 483, wherein subscription based on selections, send request or invite others, connections, contacts, search people, find friends from contacts, search sources from message(s) associate source(s), search subscribers & subscriptions of each public user, one or two way match making preferences, rules, conditions, categories, taxonomy wise directories & lists, auto match making based on preferences, profile, user data and user activities, actions, events & transactions.

~~662. The method according to claim 491, wherein said accessible one or more action sources & identified objects from network and/or external domain comprising one or more links, applications, services, objects, multimedia contents, pages, multi AI Agents, connected users, people, workspaces, networks, groups, digital sources, profiles.~~

~~663. The method according to claim 491, wherein said message associated data & metadata comprising keywords, ontology, rank & hits, multimedia contents including text, web links, videos, audio, images, files, system data and advertisements.~~

~~664. The method according to claim 491, wherein said action source related availability status comprising online, offline & away.~~

~~665. The method according to claim 491, wherein said message status comprising sent, received, draft, spam & deleted.~~



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666. The system according to claim 504, wherein subscription based on selections, send request or invite others, connections, contacts, search people, find friends from contacts, search sources from message(s) associate source(s), search subscribers & subscriptions of each public user, one or two way match making preferences, rules, conditions, categories, taxonomy wise directories & lists, auto match making based on preferences, profile, user data and user activities, actions, events & transactions.

~~667. The system according to claim 512, wherein said accessible one or more action sources & identified objects from network and/or external domain comprising one or more links, applications, services, objects, multimedia contents, pages, multi AI Agents, connected users, people, workspaces, networks, groups, digital sources, profiles.~~

~~668. The system according to claim 512, wherein said message associated data & metadata comprising keywords, ontology, rank & hits, multimedia contents including text, web links, videos, audio, images, files, system data and advertisements.~~

**Indian Patent Application No.:** 878/MUM/2005

**Title:** A System for Providing Distributed Human Services, Real Time and Social Searching and Communication with Unknown Likeminded Users

**Disclaimer:** Claim, Paragraph, Line or Word which is strike out is not the part of this Exclusive Patent License Agreement.

**Amended Claims as on Date 29<sup>th</sup> September, 2010:**

1. A system of communication, messaging and real time searching in a network comprising:

- one or more senders (44A) adapted to submit one or more user preferences & privacy settings for sending messages; to determine one or more target recipients (44D), to perform one or more activities or to send one or more messages (44I) to one or more target recipients (44D) by a central server (1A, 44B);



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- the central server (1A, 44B) configured to allowing user to perform one or more activities based on one or more applications, services, multimedia contents, user connections, social networks, searching, sharing, communication, to receive & store one or more user preferences & privacy settings (44A,44D) for sending and receiving messages, to receive messages (44G) from the senders (44A) or to auto-generate one or more messages attached or associate with one or more accessible metadata or fields or parameters based on monitoring, storing and managing of said one or more related activities, actions, events and transactions (20B), to store and process (1A,44B) said messages (44G), to determine one or more target recipients (44D), to send a representation of said messages (44J,44I) to determined one or more target recipients, to display said messages as per each target recipient's preferences and privacy settings (20B) and to provide search (18D, 18E) for searching content of messages and/or sources of messages (6M, 6Q) to subscribe to their messages; and
- one or more target recipients (44d) adapted to submit one or more user preferences & privacy settings for receiving messages, to receive said one or more messages (44I, 44J) and/or to communicates, subscribe and/or participates and collaborate in one or more activities (20B Workspace) of one or more senders of one or more messages by selecting said message(s) or message(s) associate or attached one or more metadata or fields or parameters (44I & 20B).

2. The system as claimed in claim 1, wherein said communication, messaging and real-time searching comprises one-to-many, many-to-one or many-to-many communication from one or more network(s) (1A, 44B, 6A) including centralized or peer to peer networks (44C).
3. The system as claimed in claim 1, wherein the sender (44A) is adapted to determine one or more recipients (44D) by selecting said recipients from one or more categorized contact lists (44A, 19F, 19G) and/or auto selecting said recipients based



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on one or two way match making preferences (44A & 44D) and/or selecting (9F & 19G) all or one or more subscribers of the sender (44A).

4. The system as claimed in claim 3, wherein said categorized contact list comprises of contacts (44A) determined by searching for known connections of connected users or unknown likeminded users using search based on one or more search criteria, or accepting invitations.
5. The system as claimed in claim 3, wherein the sender (44A) and receiver (44D) are enabled to indicate one or more preferences, connections, subscribers, sources, filters, rules and privacy settings which are matched to one or more users to determine one or more target recipients (44D).
6. The system as claimed in claim 3, wherein the one or two ways match making preferences and privacy settings comprises metadata, one or more keywords, taxonomies, categories, rules, conditions, ontology, domain specific survey data, profile data with each message by the sender for sending to matched target recipients (44D).
7. The system as claimed in claim 1 or 3, wherein the sender (44A) is adapted to send one or more messages (44I) with accessible metadata to one or more subscribers (44D) and/or selected one or more users from one or more categorized contact lists (44A, 44I) and/or matched target recipients (44G, 44C, 44I) and/or advertise the one or more messages (44I).
8. The system as claimed in claim 7, wherein the metadata (44A) includes details, categories, taxonomies, keywords, shared ontologies, glossaries, index data, semantics expression, system data, profile of sender, multimedia contents including text, web links, videos, audio, images, files, conditions, rules, or a combination thereof.



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9. The system as claimed in claim 1, wherein the central server (1A, 1B, 44B) is configured to process the one or more messages, said processing comprising of storing, formatting, indexing, and/or associating and/or attaching one or more metadata or fields or parameters.
10. The system as claimed in claim 1 or 3, wherein the central server (1A,44B) is further configured to determine one or more target recipients by:
- selecting, auto matching or searching a database (44B) for one or more target recipients (44D) based on one or more preferences, filters, rules, profiles, relevancy, behavior, interests, connections and dynamic relationships;
  - matching the sender's (44A) one or more selections and preferences (44G).
11. The system as claimed in claim 1, wherein the central server (1A, 44B) is configured to provide search interface to users for searching content of messages and searching or subscribing to sources of messages based on one or more search criteria (44H).
12. The system as claimed in claim 11, wherein the search criteria comprises of one or more keywords, locations, languages, ranks & hits, date range, taxonomy, categories, shared ontology, filter criteria, predefined search syntax and customized commands.
13. The system as claimed in claim 1, wherein the target recipients (44D) are adapted to communicate, subscribe and/or participates and collaborate in one or more activities (20B Workspace) of one or more senders of one or more messages by selecting said message(s) or message(s) associate or attach one or more accessible metadata or fields or parameters (44I & 20B).
14. The system as claimed in claim 1 or 9 or 13, wherein the message attached or associate accessible metadata or fields or parameters comprises activity or action related one or more categories, taxonomy classification, date & time, message source



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~~name & URL (from), action descriptions, messages & details, action URL, accessible action source(s) including one or more links, services, applications, multimedia content types, related or connected users, networks, digital sources, profiles & identity, one or more related service or application link(s), dynamically attached or associate one or more lists, attachments, utilities & shared workspace link(s) for participation, sharing, searching, tracking, communication, collaboration, accessing information and workflow, action source related availability status including online, offline & away, tracking status of action including active, pending, like, not like, viewed, joined, installed, subscribed, shared, reviewed, message related communication details, size of message, message status including sent, receive, draft, spam & delete, keywords, ontology, rank & hits, multimedia contents including text, web links, videos, audio, images, files, system data and advertisements or a combination thereof (20B,23D).~~

15. The system as claimed in claim 1, wherein the target recipients (44D) are adapted to sort, filter, assign rank, give review, search, bookmark, subscribe, share, applying security & settings and replication to one or more messages or message sources (53C).
16. The system as claimed in claim 1, wherein the users are adapted to create public or private or shared categories lists of one or more sources of message or senders (44D).
17. The system as claimed in claim 16, wherein the users are enabled to search, match or subscribe to said categories lists of one or more sources of message or senders (44D).
18. The system as claimed in claim 1, wherein the central server (1A) is configured to store (1B) and maintain taxonomy classification of the categories list of sources of message or senders with metadata (44B).
19. The system as claimed in claim 18, wherein the metadata comprises of a list name, categories, details, list of subscribers and subscriptions, creator name or ID, date.

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20. The system as claimed in claim 1, wherein the sender comprises user computer system, digital message(s) source, user application, telephone or mobile, smart device, automated message(s) source, external social network sources, domain specific expert human, multi Artificial Intelligence Agent(s), speech or voice message(s) source(s) (6A, 6J, 6I).
21. The system as claimed in claim 1, wherein the central server (1A) is configured to store (1A) and maintain all subscribers and subscriptions lists of each user for allowing other users to subscribe to any one or more of said subscribers and subscriptions lists (9C, 14I).
22. The system as claimed in claim 1, wherein the user is enabled to subscribe or unsubscribe or send requests for subscriptions to one or more selected users or block one or more selected subscribers or subscriptions (44D).
23. The system as claimed in claim 1, wherein the user is enabled to share, reply, resend, give review, bookmark, sort, synchronize one or more messages, referring sources of message to other connected users, connect or disconnect sources of messages, schedule receiving & posting of message, view sender's name, profile, link, category, message metadata, assign ranks, and search one or more messages or sources of messages.
24. The system as claimed in claim 1, wherein said preferences comprise presenting the messages based on chronological order, date and/or time wise, source wise, keyword wise, rank & hit wise, availability status wise including online or offline, taxonomy wise, location & language wise in an ascending or descending order.
25. The system as claimed in claim 1, wherein the user is enabled to publish and subscribe or receive content in real time based on one or more preferences & privacy settings, keywords, replication types and topology model including preference based



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snapshot or merge or transactional replication, pulling & pushing of subscriptions or publications, taxonomy classifications, shared ontology, sources, location, language, ranks & hits and a combination thereof.

26. The system as claimed in claim 1, wherein the user is enabled to access said system from any one or more communication applications, services, networks, or smart devices (6A, 6J, 6I).

27. The system as claimed in claim 1, wherein the user is enabled to dynamically create one or more group(s) based on one or more matched preferences.

28. The system as claimed in claim 27, wherein one or more matched preferences comprises locations, languages, date & time, privacy settings, profile(s), known or unknown contacts or personal networks, keywords, taxonomies, categories, metadata, activities types, or a combination thereof for communicating and sharing with each other.

29. A method of communication, messaging and real time searching in a network comprising the steps of:

- storing one or more user preferences & privacy settings (44A,44D) for sending and receiving messages at the central server;
- determining one or more target recipients by a sender (44A);
- allowing the sender (44A) to perform one or more activities based on one or more applications, services, multimedia contents, connections, social networks, searching, sharing, communication or send one or more messages (44I) to the one or more target recipients (44D) by a central server (1A,44B);
- receiving the one or more messages (44I) from the sender (44A) or auto-generating one or more messages (20B) associate or attached with one or more accessible metadata or fields or parameters based on monitoring;



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~~storing and managing of one or more related activities, actions, events and transactions at the central server (1A,44B);~~

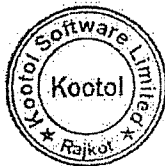
- storing and processing said messages at the central server (1A,44B);
- determining one or more target recipients by the central server (1A,44B) based on one or more preferences;
- sending to the one or more target recipients (44D) a representation of the one or more messages (44J) by the central server (1A,44B);
- presenting one or more messages as per the target recipient's (44D) preferences and/or privacy settings by the central server; and
- providing search by the central server to one or more users for searching content of messages and/or sources of messages for subscribing to their messages.

30. The method as claimed in claim 29, wherein said method of communication, messaging and real-time searching comprises one-to-many, many-to-one or many-to-many communication from one or more network(s) including centralized (1A, 44B, 6A) or peer to peer networks (44C).

31. The method as claimed in claim 29, wherein the step of determining of one or more target recipients (44D) by the sender (44A) comprises of selecting one or more users from one or more categorized contact list (44A, 19F, 19G) and/or auto selecting based on one or two way match making preferences (44A & 44D) and/or selecting all or one or more subscribers of the sender (44A, 19F & 19G).

32. The method as claimed in claim 31, wherein said categorized contact list comprises of contacts (44A) determined by searching for known connections of connected users or unknown likeminded users using real time search based on one or more search criteria, or accepting invitations.

33. The method as claimed in claim 31, wherein the one or two way match making comprises of indicating one or more preferences, connections, subscribers, sources,



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filters, rules and privacy settings (44A & 44D) which are matched to one or more users to determine one or more target recipients (44D).

34. The method as claimed in claim 31, wherein the one or two ways match making preferences and privacy settings comprises associating metadata including one or more keywords, taxonomies, categories, rules, conditions, ontology, domain specific survey data, profile data with each message by the sender for sending to matched target recipients (44D).

35. The method as claimed in claim 29 or 31, wherein the sender (44A) is allowed to send one or more messages (44I) with accessible metadata to one or more subscribers (44D) and/or selected one or more users (44I) from one or more categorized contact lists (44A, 44I) and/or matched target recipients (44G, 44C, 44I) and/or advertise the one or more messages (44I).

36. The method as claimed in claim 35, wherein the metadata (44A) includes details, categories, taxonomies, keywords, shared ontologies, glossaries, index data, semantics expression, system data, profile of sender, multimedia contents including text, web links, videos, audio, images, files, conditions, rules, or a combination thereof.

37. The method as claimed in claim 29, wherein the step of processing the one or more messages by the central server (1A, 1B, 44B) comprises of storing, formatting, indexing, and/or associating and/or attaching one or more metadata or fields or parameters.

38. The method as claimed in claim 29 or 31, wherein the step of determining one or more target recipients by the central server (1A, 44B) comprises the steps of:

- selecting, auto matching or searching a database (44B) for one or more target recipients (44D) based on one or more preferences, filters, rules, profiles, relevancy, behavior, interests, connections and dynamic relationships;



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- matching the sender's (44A) one or more selections (44G).

39. The method as claimed in claim 29, wherein the central server (1A, 44B) provides search to users for searching content of messages and searching or subscribing to sources of messages based on one or more search criteria (44H).

40. The method as claimed in claim 39, wherein the search criteria comprises of one or more keywords, locations, language, rank & hits, date range, taxonomy, categories, shared ontology, filter criteria, predefined search syntax and customized commands.

41. The method as claimed in claim 29, wherein the target recipient (44D) communicates, subscribe and/or participates and collaborate in one or more activities (20B-Workspace) of one or more senders of one or more messages by selecting said message(s) or message(s) associated or attached one or more accessible metadata or fields or parameters (20B & 44I).

42. The method as claimed in claim 29 or 37 or 41, wherein the message attached or associate accessible metadata or fields or parameters comprises activity or action related one or more categories, taxonomy classification, date & time, message source name & URL (from), action descriptions, messages & details, action URL, accessible action source(s) including one or more links, services, applications, multimedia content types, related or connected users, networks, systems, digital sources, profiles & identity, one or more related service or application link(s), dynamically attached or associate one or more lists, attachments, utilities & shared workspace link(s) for participation, sharing, searching, tracking, communication, collaboration, accessing information and workflow, action source related availability status including online, offline & away, tracking status of action including active, pending, like, not like, viewed, joined, installed, subscribed, shared, reviewed, message related communication details, size of message, message status including sent, receive, draft, spam & delete, keywords, ontology, rank & hits, multimedia contents including text,



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~~web links, videos, audio, images, files, system data and advertisements or a combination thereof (20B, 23B).~~

43. The method as claimed in claim 29, wherein the target recipients (44D) sort, filter, assign rank, give review, search, bookmark, subscribe, share, applying security & settings and replication to one or more messages or message sources (53C).
44. The method as claimed in claim 29, wherein the users create public or private or shared categories lists of one or more sources of message or senders (44D).
45. The method as claimed in claim 44, wherein the users search, match or subscribe (44D) to said categories lists of one or more sources of message or senders (44A).
46. A method as claimed in claim 29 wherein central server (1A, 1B) stores and maintains taxonomy classification of the categories list of sources of message or senders with metadata (44B).
47. The method as claimed in claim 46, wherein the metadata comprises of a list name, categories, details, list of subscribers and subscriptions, creator name or ID, date.
48. The method as claimed in claim 29, wherein the sender comprises user computer system, digital message(s) source, user application, telephone or mobile, smart device, automated message(s) source, external social network sources, domain specific expert human, multi Artificial Intelligence Agent(s), speech or voice message(s) source(s) (6A, 6J, 6I).
49. The method as claimed in claim 29, wherein the central server (1A, 1B) stores and maintains all subscribers and subscriptions lists of each user for allowing other users to subscribe to any one or more of said subscribers and subscriptions lists (9C, 14I).



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50. The method as claimed in claim 29, wherein the user is allowed to subscribe or unsubscribe or send requests for subscriptions to one or more selected users or block one or more selected subscribers or subscriptions (44D).
51. The method as claimed in claim 29, wherein the user is allowed to share, reply, resend, give review, bookmark, sort, synchronize one or more messages, referring sources of message to other connected users, connect or disconnect sources of messages, schedule receiving & posting of messages, view sender's name, profile, link & category, message metadata, assign ranks, and search one or more messages or sources of messages.
52. The method as claimed in claim 29, wherein said preferences comprise presenting the messages based on chronological order, date and/or time wise, source wise, keyword, rank & hit wise, availability status wise including online or offline, taxonomy wise, location & language wise in an ascending or descending order.
53. The method as claimed in claim 29, wherein the user publish and subscribe or receives content in real time based on one or more preferences & privacy settings, keywords, replication types and topology model including preference based snapshot or merge or transactional replication, pulling & pushing of subscriptions or publications, taxonomy classifications, shared ontology, sources, location, language, ranks & hits and a combination thereof.
54. The method as claimed in claim 29, wherein one or more dynamically creates one or more group(s) based on one or more matched preferences.
55. The method as claimed in claim 54, wherein one or more matched preferences comprises locations, languages, date & time, privacy settings, profile(s), known or unknown contacts or personal networks, keywords, taxonomies, categories, metadata, activities types, or a combination thereof for communicating and sharing with each other.



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~~56. A system substantially as herein described with reference to the forgoing description and the accompanying drawings.~~

~~57. A method substantially as herein described with reference to the forgoing description and the accompanying drawings.~~

**EP Patent Application No.:** EP06842707.9

**Title:** UNIVERSAL KNOWLEDGE MANAGEMENT AND DESKTOP SEARCH SYSTEM

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**Claims as on Date 21th February, 2008:**

395. In a HOS as per claim 392 HSNEM facilitating communication with known, unknown and referred peers, sending and receiving emails in a distributed peer to peer environment by means of inmail, outmail and match mail.

396. In a HOS as per claim 392 each CHN receiving one or more mails from one or more predefined sources based on the matching criterion described therewith in the inmail setting thereof; each CHN sending one or more emails to one or more preidentified and predefined destination CHNs which are being stored in the HSNEM contact book based on the one or more matching and filtering criterions described therewith in the outmail setting thereof; and investigating existence of one or more peers of like interests via two way mail matching wherein each of HSNEM is a wizard based emailing tools.

397. In a HOS as per claim 392 each of communication provisions are functioning based on the setting thereof enabling communication with one or more unknown CHN based on the automatching, rule based matching and custom matching setting thereof.



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398. In a mailing system as per claim 392 each of email is attached with related keywords, taxonomy, metadata, and ontology thereof facilitating searching of each of recipient based on the said keyword, taxonomy, metadata and ontology.

399. A communication utility as per claim 392 wherein HSNM facilitating real time instant communication with known, unknown and referred peers, sending and receiving instant messages to and from in a distributed peer to peer environment via searching and matching module thereof showing online availability status of each such searched and matched CHN for chatting.

**Canada Patent Application No.:** 2615659

**Title:** UNIVERSAL KNOWLEDGE MANAGEMENT AND DESKTOP SEARCH SYSTEM

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**Claims as on Date 16<sup>th</sup> January, 2008:**

395. In a HOS as per claim 392 HSNEM facilitating communication with known, unknown and referred peers, sending and receiving emails in a distributed peer to peer environment by means if inmail, outmail and match mail.

396. In a HOS as per claim 392 each CHN receiving one or more mails from one or more predefined sources based on the matching criterion described therewith in the inmail setting thereof; each CHN sending one or more emails to one or more preidentified and predefined destination CHNs which are being stored in the HSNEM contact book based on the one or more matching and filtering criterions described therewith in the outmail setting thereof; and investigating existence of one or more peers of like interests via two way mail matching wherein each of HSNEM is a wizard based emailing tools.



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397. In a HOS as per claim 392 each of communication provisions are functioning based on the setting thereof enabling communication with one or more unknown CHN based on the automatching, rule based matching and custom matching setting thereof.

398. In a mailing system as per claim 392 each of email is attached with related keywords, taxonomy, metadata, and ontology thereof facilitating searching of each of recipient based on the said keyword, taxonomy, metadata and ontology.

399. A communication utility as per claim 392 wherein HSNM facilitating real time instant communication with known, unknown and referred peers, sending and receiving instant messages to and from in a distributed peer to peer environment via searching and matching module thereof showing online availability status of each such searched and matched CHN for chatting.



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