

# OITH - Patent & Intellectual Property Protection

## Document Information

- **Company:** OITH Inc. (One In The Hand)
- **Document Version:** 1.0
- **Last Updated:** November 30, 2024
- **Classification:** Confidential - Internal Use Only

## 1. EXECUTIVE SUMMARY

This document outlines the intellectual property (IP) protection strategy for OITH, a revolutionary dating application that introduces the "One Match at a Time" methodology. All proprietary technologies, algorithms, user experience designs, and business methods described herein are protected under applicable patent laws and intellectual property regulations.

## 2. PATENTABLE INNOVATIONS

### 2.1 Core Algorithm Patents

#### Patent Application #1: Single-Match Dating Algorithm

- **Title:** "System and Method for Sequential Single-Match Dating with Timed Decision Windows"
- **Abstract:** A dating platform algorithm that presents users with one potential match at a time, requiring a decision within a specified time window before the next match is presented.
- **Claims:**
  1. A method for presenting dating matches sequentially to a user
  2. Time-limited decision windows (24-hour periods) for match acceptance
  3. Profile visibility toggling based on match status
  4. Automatic match expiration and rotation systems

#### Patent Application #2: Mutual Match Verification System

- **Title:** "Bidirectional Match Confirmation with Synchronized Timer Reset"
- **Abstract:** A system that requires both parties to accept a match before communication is enabled, with timer synchronization upon mutual acceptance.
- **Claims:**
  1. Two-way match acceptance verification
  2. Timer reset upon mutual match confirmation
  3. Pending state management for asymmetric acceptance
  4. Automatic match cancellation for unmatched interests

### **Patent Application #3: Conversation-Based Venue Recommendation**

- **Title:** "AI-Driven Date Venue Suggestions Based on Chat Content Analysis"
- **Abstract:** A system that analyzes user conversations to recommend appropriate date venues and activities.
- **Claims:**
  1. Natural language processing of chat messages for keyword extraction
  2. Interest mapping from conversation topics to venue categories
  3. Dynamic venue ranking based on shared interests
  4. Location-aware venue filtering and suggestions

## **2.2 User Experience Patents**

### **Patent Application #4: Profile Visibility Management**

- **Title:** "Automated Profile Visibility Control Based on Match Status"
- **Abstract:** A system that automatically hides user profiles when they have pending or active matches, preventing overlapping connections.
- **Claims:**
  1. Automatic profile hiding upon match presentation
  2. Profile restoration upon match completion/rejection
  3. User-controlled visibility overrides
  4. Match-status-based visibility states

### **Patent Application #5: Safety-First Date Planning**

- **Title:** "Emergency Contact Notification System for Dating Applications"
- **Abstract:** A safety feature that automatically notifies designated emergency contacts when a user plans a date.
- **Claims:**
  1. Emergency contact registration and management
  2. Automatic notification upon date confirmation
  3. Date details sharing (location, time, match information)

4. Check-in and safety confirmation systems

## 2.3 Business Method Patents

### Patent Application #6: One-Match-at-a-Time Business Model

- **Title:** "Focused Dating Platform with Limited Match Presentation"
- **Abstract:** A business method for operating a dating platform that deliberately limits users to one active match at a time.
- **Claims:**
  1. User engagement model based on scarcity
  2. Quality-over-quantity matching philosophy
  3. Subscription model tied to match frequency
  4. User retention through focused interactions

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## 3. TRADEMARK PROTECTIONS

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### 3.1 Registered Trademarks

Mark	Type	Status	Class
OITH®	Word Mark	Pending	9, 42, 45
ONE IN THE HAND®	Word Mark	Pending	9, 42, 45
"Quality dates, not endless swipes"®	Slogan	Pending	9, 42, 45
OITH Logo (Bird in Hand design)®	Design Mark	Pending	9, 42, 45

### 3.2 Trademark Classes

- **Class 9:** Computer software; mobile applications; downloadable software
- **Class 42:** Software as a Service (SaaS); computer programming services
- **Class 45:** Dating services; social introduction and networking services

### 3.3 Common Law Trademarks

The following marks are claimed under common law through continuous commercial use:

- "A bird in the hand is worth two in the bush" (as applied to dating)
  - "Focus on who's in front of you"
  - "One Match at a Time"
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## 4. COPYRIGHT PROTECTIONS

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### 4.1 Protected Works

All original creative works within the OITH platform are automatically protected under copyright law:

#### Source Code

- All JavaScript, HTML, CSS, and backend code
- Algorithm implementations
- API designs and specifications

#### User Interface Designs

- Screen layouts and wireframes
- Visual design elements
- Animation sequences
- Icon designs

#### Written Content

- Marketing copy
- User interface text
- Help documentation
- Terms of service and privacy policies

#### Graphic Assets

- Logo designs
- Illustrations
- UI components
- Brand assets

### 4.2 Copyright Registration

Work	Registration #	Date
OITH Mobile Application v1.0	Pending	2024
OITH Brand Guidelines	Pending	2024

OITH Marketing Materials	Pending	2024
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## 5. TRADE SECRET PROTECTIONS

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### 5.1 Classified Information

The following are maintained as trade secrets under the Defend Trade Secrets Act (DTSA):

#### Matching Algorithm Weights

- Compatibility scoring formulas
- User preference weighting systems
- Match quality prediction models

#### User Behavior Analytics

- Engagement prediction models
- Churn risk calculations
- Conversion optimization data

#### Business Intelligence

- User acquisition costs and strategies
- Revenue optimization techniques
- Market positioning data

### 5.2 Protection Measures

- All employees sign NDAs and confidentiality agreements
- Access to trade secrets is limited on a need-to-know basis
- Technical measures (encryption, access controls) protect sensitive data
- Regular audits of information security practices

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## 6. PATENT FILING STRATEGY

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### 6.1 Provisional Patent Applications

Application	Filing Date	Status	Priority Date
Single-Match Algorithm	Q4 2024	Planned OITH Confidential - 5	TBD

Mutual Match System	Q4 2024	Planned	TBD
Venue Recommendation	Q1 2025	Planned	TBD
Profile Visibility	Q1 2025	Planned	TBD
Safety Notification	Q1 2025	Planned	TBD
Business Method	Q2 2025	Planned	TBD

## 6.2 International Patent Strategy

### Target Jurisdictions:

1. **United States** - Primary market, USPTO filings
2. **European Union** - EPO filings for EU-wide protection
3. **United Kingdom** - Post-Brexit UK IPO filings
4. **Canada** - CIPO filings for North American coverage
5. **Australia** - IP Australia filings for APAC presence

### PCT Application:

- File PCT application within 12 months of provisional
- Enter national phase in target jurisdictions within 30/31 months

## 7. IP ENFORCEMENT POLICY

### 7.1 Monitoring

OITH actively monitors for IP infringement through:

- App store monitoring for similar applications
- Web crawling for unauthorized use of marks
- Social media monitoring
- Competitor analysis

### 7.2 Enforcement Actions

Upon discovery of potential infringement:

#### Level 1: Cease and Desist

- Formal letter demanding cessation of infringing activity
- Documentation of infringement for legal record

**Level 2: DMCA/Platform Takedown**

- File takedown notices with app stores
- Report trademark violations to platforms

**Level 3: Legal Action**

- File for preliminary injunction
- Pursue damages for willful infringement
- Seek attorney's fees recovery

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## 8. EMPLOYEE IP AGREEMENTS

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### 8.1 Required Agreements

All employees, contractors, and consultants must sign:

**Invention Assignment Agreement**

- All work product belongs to OITH
- Prior inventions must be disclosed
- Cooperation in patent applications required

**Confidentiality Agreement**

- Non-disclosure of proprietary information
- Survives termination of employment
- Covers trade secrets and business information

**Non-Compete Agreement (where enforceable)**

- Restrictions on competing employment
- Geographic and temporal limitations
- Consideration provided for agreement

### 8.2 IP Training

All personnel receive training on:

- Identifying patentable innovations
- Protecting confidential information
- Proper use of third-party IP
- Reporting potential infringements

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## 9. THIRD-PARTY IP COMPLIANCE

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## 9.1 Open Source Software

OITH maintains compliance with open source licenses:

Component	License	Compliance Status
Font Assets	SIL OFL	Compliant
UI Libraries	MIT	Compliant
Icon Sets	CC BY	Compliant

## 9.2 Licensed Content

All third-party content is properly licensed:

- Stock photography from licensed providers
- Map data from authorized APIs
- Font licenses maintained

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# 10. IP VALUATION & PORTFOLIO MANAGEMENT

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## 10.1 Current Portfolio Value

Asset Type	Estimated Value	Basis
Patents (Pending)	\$500,000 - \$2,000,000	Market comparison
Trademarks	\$100,000 - \$500,000	Brand value
Copyrights	\$250,000 - \$750,000	Development cost
Trade Secrets	\$1,000,000+	Competitive advantage

## 10.2 Annual Review

IP portfolio reviewed annually for:

- Maintenance fee payments
- Renewal decisions
- Expansion opportunities
- Licensing potential

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## 11. LEGAL CONTACTS

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### 11.1 Internal Contacts

- **CEO/Founder:** [Name] - Strategic IP decisions
- **Legal Counsel:** [TBD] - Day-to-day IP matters
- **CTO:** [TBD] - Technical IP identification

### 11.2 External Counsel

- **Patent Prosecution:** [Law Firm TBD]
- **Trademark Counsel:** [Law Firm TBD]
- **Litigation Counsel:** [Law Firm TBD]

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## 12. APPENDICES

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### Appendix A: Patent Claim Drafts

*[Detailed claim language to be developed with patent counsel]*

### Appendix B: Trademark Specimens

*[Examples of trademark use in commerce]*

### Appendix C: IP Assignment Forms

*[Standard forms for employee/contractor IP assignment]*

### Appendix D: NDA Template

*[Standard non-disclosure agreement template]*

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## DOCUMENT CONTROL

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Version	Date	Author	Changes
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1.0	Nov 30, 2024	OITH Legal	Initial document
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