Full document including market overview, exemplary players and product, and possibly EOUs available upon request. Contact: carlos@dynaipdeals.com

SKKU RFID/NFC Patent Portfolio for Sale

Dynamic IP Deals LLC is pleased to present exclusively a select group of patents for sale from Sungkyunkwan University Research & Business Foundation (SKKU) on a private placement basis. The patents concern anti-collision and tag collection/recognition techniques in RFID/NFC, and RFID prevention of illegal distribution of software. [redacted]

OVERVIEW

The patents are related to anti-collision and tag collection/recognition techniques in RFID/NFC and in particular to:

- RFID for copy protection
- reduce the collision of data transmitted by RFID tags
- collect tags through tag recognition in an active RFID
- reduce a tag recognition delay of an NFC device in an environment in which an RFID device and an NFC device using the same frequency co-exist

FAMILY	PATENT	TITLE	ISSUED	FILED/ PRIORITY
1	US8010808	Data recognition apparatus for copy protection and method thereof and recording medium thereof	2011-08-30	2006-10-19
2	US8156567	Software installation system and method for copy protection	2012-04-10	2007-09-19
3	US9007180	Anti-collision system and method for reducing the collision of data transmitted by RFID tags	2015-04-14	2011-10-18
4	**US9547781**	**Method for recognizing tag in environment using same frequency band and NFC device for the same**	**2017-01-17**	**2013-12-02**
5	US9773132	Tag anti-collision method, reader apparatus and system for RFID systems with multi-packet reception capability	2017-09-26	2015-02-13
6	US9785803	Method, apparatus and system for collecting tags using bit map in RFID system	2017-10-10	2014-04-30

[redacted]

ENCUMBRANCES, LIENS AND LICENSEES

[redacted]

INFRINGEMENT ANALYSIS/STANDARD ESSENTIAL PATENTS (SEP)	AVAILABLE UPON REQUEST UNDER NDA
Patent	**Target/Standard**
[redacted]	[redacted]

MARKET DATA	
[redacted]	[redacted]
[redacted]	[redacted]

FORWARD CITATIONS

[redacted]

SELLER'S REQUIREMENTS

[redacted]

TARGET PRICE

[redacted]

DEADLINE

[redacted]

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Dynamic IP Deals LLC (DynaIP) is a full-service intellectual property (IP) monetization firm involved in all aspects of IP and technology monetization including acquisition, sale, transfer, licensing, enforcement, IP-driven company mergers and acquisitions, and IP investment. DynaIP also specializes in valuing intellectual property, specifically patents.

Important Notice: The opinions expressed and examples provided herein are intended to be illustrative of the potential value of the patents in the marketplace. This package is not intended to be a legal notice of infringement, accusation of infringement or any patent associated legal opinion. The technical analyses and opinions expressed in this report are those of Dynamic IP Deals LLC and should not be construed prediction of the validity or enforceability of an assessment of infringement of any patent. Enforcement of patent rights invariably involve litigation, and tribunals may not correctly assess validity or infringement of a patent. Dynamic IP Deals LLC assumes no liability for any failure to recover for patent infringement or any other actions resulting from the use of this information.

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EXECUTIVE SUMMARY

Overview

The subject Portfolio owned by Sungkyunkwan University Research & Business Foundation (SKKU) includes six patent families, including issued patents in US and KR.

SKKU RFID/NFC Patent Portfolio for Sale covers essential anti-collision and tag collection/recognition techniques for:

- reducing the collision of data transmitted by RFID tags
- collecting tags through tag recognition in an active RFID
- reducing a tag recognition delay of an NFC device in an environment in which an RFID device and an NFC device co-exist using the same frequency

The patents also cover the use of RFID for copyright protection. RFID has applications in many markets including:

- Passive UHF: retail apparel and footwear, retail-other, medical/health care, assets, logistics containers, air baggage, access control/ticketing, sensors & embedded (I2C, etc), people, other.
- Passive HF RFID: contactless cards/fobs, smart tickets, books, medical, assets/tools, passports, people, NFC, other.
- Passive LF: livestock and pets, access control, vehicle immobilizers, medical, people, other.

The US patents have good independent claims and meaningful dependent claims. The patent portfolio has an early filing date that is well positioned to prevail in non-infringement or invalidity challenges, respectively. The SKKU RFID/NFC Patent Portfolio for Sale is not encumbered and has not been previously litigated.

SELLER

Sungkyunkwan University (SKKU or simply Seongdae) is a private research university with campuses in Seoul and Suwon, South Korea. Originally, it was founded in 1398 by the Joseon Dynasty located in the heart of central Seoul. It is the oldest university in East Asia[1].

SKKU has retained Dynamic IP Deals as their exclusive monetization firm for the commercialization of a total of 68 patent families. This portfolio is part of a larger group of these 68 SKKU patent families that DynaIP is bringing to the marketplace this year. The larger group of assets covers the following tech areas: Augmented Reality/Virtual Reality, Automotive & Transportation Services, Blockchain, IoT, Software/Web Services, Wireless (Mobile Authentication, OFDM, Power, RFID/NFC, Signal Processing, Spectrum).

[1] ABOUT SUNGKYUNKWAN UNIVERSITY (SKKU)

PORTFOLIO OVERVIEW

Family relationship among the assets and international coverage:

Family	Patent or Application	Title
#1	KR101597676 (B1)	TAG COLLECTION METHOD, APPARATUS AND SYSTEM USING BIT MAP FOR ACTIVE RFID SYSTEM
#1	US9785803 (B2)	METHOD, APPARATUS AND SYSTEM FOR COLLECTING TAGS USING BIT MAP IN RFID SYSTEM
#2	KR101589526 (B1)	TAG ANTI-COLLISION METHOD, READER APPARATUS AND SYSTEM FOR RFID SYSTEMS WITH MULTI-PACKET RECEPTION CAPABILITY
#2	US9773132 (B2)	TAG ANTI-COLLISION METHOD, READER APPARATUS AND SYSTEM FOR RFID SYSTEMS WITH MULTI-PACKET RECEPTION CAPABILITY
#3	KR101465661 (B1)	METHOD FOR RECOGNIZING TAG IN ENVIRONMENT USING SAME FREQUENCY BAND, NFC DEVICE FOR THE SAME
#3	US9547781 (B2)	METHOD FOR RECOGNIZING TAG IN ENVIRONMENT USING SAME FREQUENCY BAND AND NFC DEVICE FOR THE SAME
#4	KR101307491 (B1)	ANTI-COLLISION SYSTEM AND METHOD WITH MOVING TAGS IN RFID SYSTEMS
#4	US9007180 (B2)	ANTI-COLLISION SYSTEM AND METHOD FOR REDUCING THE COLLISION OF DATA TRANSMITTED BY RFID TAGS
#5	KR100963089 (B1) (Lapsed)	SOFTWARE INSTALLATION SYSTEM AND METHOD FOR COPY PROTECTION
#5	US8156567 (B2)	SOFTWARE INSTALLATION SYSTEM AND METHOD FOR COPY PROTECTION
#6	KR100859414 (B1) (Lapsed)	DATA RECOGNITION APPARATUS FOR COPY PROTECTION AND METHOD THEREOF AND RECORDING MEDIUM THEREOF
#6	US8010808 (B2)	Data recognition apparatus for copy protection and method thereof and recording medium thereof