PATENT ASSIGNMENT

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVE	YANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA				
		N	ame	Execution Date	
UPM-KYMMENE CC	RPORATION			08/07/2012	
RECEIVING PARTY I	DATA				
Name:	SMARTRAC	IP B.V.			
Street Address:	Strawinskylaa	an 851			
City:	Amsterdam				
State/Country:	NETHERLAN	IDS			
Postal Code:	1077 XX				
	RS Total: 1	[1
Property T	уре		Number		
Application Number:		12280	949		6760
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via US Mail.	be sent to the e	e-mail a	ddress first; if that is unsuccessful, it will be se	ent	CH C
Correspondent Name	: Eric J. F	ranklin			
Address Line 1:	VENABI	LE LLP	, 575 7TH STREET, N.W.		
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ATTORNEY DOCKET	NUMBER:		43289-263032		
NAME OF SUBMITTE	ER:		Eric J. Franklin		
Total Attachments: 2 source=43289_ASSIC source=43289_ASSIC					

ASSIGNMENT OF PATENTS AND APPLICATIONS FOR PATENT

WHEREAS:

Undersigned UPM-Kymmene Corporation, having a business address of Eteläesplanadi 2, FI-00130 HELSINKI, Finland, (hereinafter referred to as ASSIGNOR) is the owner of the entire right, title and interest in the United States Patents and Patent Applications and all inventions or discoveries described therein listed in the attached schedule and having the titles, inventors, application numbers, application dates, patent numbers and patent grant dates listed in the attached schedule; and

WHEREAS:

SMARTRAC IP B.V., having a business address of Strawinskylaan 851, 1077 XX Amsterdam, The Netherlands, (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire interest in, to and under said Patent Applications and Patents or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discoveries or inventions in the United States and its territorial possessions and in all foreign countries and to the United States Patents and Patent Applications or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said inventions and discoveries by said Patents and Patent Applications, renewals, substitutions or reissues thereof or any legal equivalents thereof in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on Patent Applications as aforesaid, to issue all such Letters Patents for said discoveries or inventions to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behoove of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patents on said discoveries or inventions and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or inventions, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discoveries or inventions, the said applications and the said Letters Patents in the ASSIGNEE, its successors, legal representatives, or assigns, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Eeva Jeente Date: August 7th, 2012 Signature-for UPM-Kymmene Corporation Pekka Hurskainen

Vice President UPM R&D printed name of above

Eeva Jernström, Director External networks, Services

Title

PATENT REEL: 028767 FRAME: 0823

5918161-v1

Title	First named Inventor	Appl'n No.	Appl'n No. Appl'n Date Patent No.	Patent No.	Patent Grant Date
RADIOFREQUENCY BASED SENSOR ARRANGEMENT AND A METHOD	Timo Varpula	10/583,381	10/583,381 18.6.2007	7 714 593	11.5.2010
ACTIVE-MATRIX ELECTRONIC DISPLAY COMPRISING DIODE BASED MATRIX DRIVING CIRCUIT	Juhani Virtanen	12/280,949	12/280,949 18.11.2009		

PATENT REEL: 028767 FRAME: 0824

RECORDED: 08/10/2012