U.S. PTO 11/547066

05/08/2007

RM PTO-1595 (Modified) B No. 0651-0027 (exp.5/31/2002)

A/REV04

05-30-2007

Docket No.: 006921.00017

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Name of conveying party(ies): 1) Kong Qiao WANG 2) Ying LIU 5) Jari A. KAN 3) Yanming ZOU			nd address of receivences OKIA CORPORATION Keilalahdentie 4		
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PATENT

REEL: 019368 FRAME: 0588

ASSIGNMENT

WHEREAS, we. Kong Qiao WANG, a citizen of China, with mailing address of Wu Yi Hua Yuan 28-83 5A. Tong Zhou, Beijing 101117, China; Ying LIU, a citizen of China, with mailing address of 5th Floor, Building 1. No. 11 He Ping Li Dong Jie, 100013. Beijing, China: Yanming ZOU, a citizen of China, with mailing address of 5-1 No. 109 Beiheyan Street, Beijing, China; Yi pu GAO, a citizen of China, with mailing address of 8-614, Yuejiyuan, Madian, Haidian, Beijing, China and Jari A. KANGAS, a citizen of Finland, with mailing address of Yliopistonkatu 46B 31, 33100 Tampere. Finland, hereinafter (collectively) referred to as the Assignor, have invented certain new and useful improvements in:

APPARATUS AND METHOD FOR HANDWRITING RECOGNITION,

	the Declaration for said application executed on even date herewith;
$\overline{\boxtimes}$	said application having been filed in the United States Patent and Trademark Office on
	October 2, 2006 and accorded Serial Number 11/547,066, and was amended on October 2, 2006
	(if applicable):

said application having been filed under the Patent Cooperation Treaty on <u>April 2, 2004</u> and accorded Application No. <u>PCT/182004/001017</u>, the United States of America being designated;

WHEREAS. NOKIA CORPORATION, Keilalahdentie 4, FIN-02150, Espoo, Finland

for which an application for Letters Patent of the United States has been prepared.

hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States which may be granted therefor:

NOW THEREFORE, for good and valuable consideration the Assignor by these presents does sell, assign, and transfer unto the Assignee, its successors, legal representatives and assigns, the full and exclusive right to the invention as described in said application, and the entire right, title and interest in and to any and all letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof:

AND said Assignor authorize and request the Commissioner of Patents and Trademarks to issue all said Letters Patent to said Assignee:

AND said Assignor warrant and covenant that I/We have full right to convey the entire interest herein assigned and that I/We have not executed and will not execute any instrument or assignment in conflict herewith:

AND said Assignor agree to communicate to said Assignce or its representatives any facts known to means respecting said invention, to execute all divisional, continuation, reissue and foreign applications, sign all lawful documents and make all rightful oaths relating to said invention, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignce to obtain and enforce said I etters Patent in the United States when requested so to do by said Assignce.

IN WITNESS WHEREOF, I'We have bereunto set my our hand and seal.

Date: 2 3. 8

Signature: J. J. J. Kame Kong Qiao WANG

Date:	Signature: Name: Ying LIU
Date: 2007/03/08	Signature: Yanming ZOU
Date: 2007 / 03 / 06	Signature: 5-6 Name: Yi pu GAO
Dute:	Signature:

ASSIGNMENT

WHEREAS, we, Kong Qiao WANG, a citizen of China, with mailing address of Wu Yi Hua Yuan 28-83 5A, Tong Zhou, Beijing 101117, China; Ying LIU, a citizen of China, with mailing address of 5th Floor, Building 1, No. 11 He Ping Li Dong Jie, 100013, Beijing, China; Yanming ZOU, a citizen of China, with mailing address of 5-1 No. 109 Beiheyan Street, Beijing, China; Yi pu GAO, a citizen of China, with mailing address of 8-614, Yuejiyuan, Madian, Haidian, Beijing, China and Jari A. KANGAS, a citizen of Finland, with mailing address of Yliopistonkatu 46B 31, 33100 Tampere, Finland, hereinafter (collectively) referred to as the Assignor, have invented certain new and useful improvements in:

	APPARATUS AND METHOD FOR HANDWRITING RECOGNITION.
for which an a	pplication for Letters Patent of the United States has been prepared,
×	the Declaration for said application executed on even date herewith; said application having been filed in the United States Patent and Trademark Office on October 2, 2006 and accorded Serial Number 11/547,066, and was amended on October 2, 2006 (if applicable);
\boxtimes	said application having been filed under the Patent Cooperation Treaty on April 2, 2004 and accorded Application No. PCT/IB2004/001017, the United States of America being designated;
WHEREAS,	NOKIA CORPORATION, Keilalahdentie 4, FIN-02150, Espoo, Finland
aforesaid inventor NOW assign, and training to the interest Patent and all division AND Letters Patent AND assigned and AND me/us respect lawful documents.	ferred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the intion and in and to any Letters Patent of the United States which may be granted therefor; THEREFORE, for good and valuable consideration the Assignor by these presents does sell, ansfer unto the Assignee, its successors, legal representatives and assigns, the full and exclusive vention as described in said application, and the entire right, title and interest in and to any and all which may be granted therefor in the United States and its territorial possessions and in and to any ons, reissues, continuations and extensions thereof; said Assignor authorize and request the Commissioner of Patents and Trademarks to issue all said to said Assignee; said Assignor warrant and covenant that I/We have full right to convey the entire interest herein that I/We have not executed and will not execute any instrument or assignment in conflict herewith; said Assignor agree to communicate to said Assignee or its representatives any facts known to thing said invention, to execute all divisional, continuation, reissue and foreign applications, sign all ments and make all rightful oaths relating to said invention, and to testify in any judicial or the proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said in the United States when requested so to do by said Assignee. IN WITNESS WHEREOF, I/We have hereunto set my/our hand and seal.
Date:	Signature:

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Date:	Signature: Name: Ying LIU	-
Date:	Signature:	
Date:	Signature: Name: Yi pu GAO	
Date: 5.3.2007	Signature:	

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