Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | | NEW ASSIGNMENT | | |
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| NATURE OF CONVEYANCE: | | ASSIGNMENT | | |
| CONVEYING PART | Υ ΟΑΤΑ | | | |
| Name | | | Execution Date | |
| Takashi Sugawara | | | 06/15/2007 | |
| Kohji Kawahara | | | 07/31/2007 | |
| Yuji Chotoku | | | 06/06/2007 | |
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| State/Country: | NEW YORK | | | |
| Postal Code: 10504 | | | | |
| Property Type Application Number: 11 | | 11718340 | | 07607277 |
| | | 1718340 | | |
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PATENT REEL: 020833 FRAME: 0250

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IBM DOCKET NO. JP920040145US1

ASSIGNMENT

Whereas, we,

- Takashi Sugawara of 18-5, Gokanme, Seya, Yokohama, City of Kanagawa, Country of Japan 246-0008
- Kohji Kawahara 4-16-14, Kamitsuruma, Sagamihara, City of Kanagawa, Country of Japan 228-0802
- (3) Yuji Chotoku of 4-11-1-1025, Nishirokugo, Ota-ku, City of Tokyo, Country of Japan 144-0056

have invented certain improvements in

MOTION DETECTION APPARATUS AND MOTION DETECTING METHOD

and executed, respectively, a United States patent application therefore on (Dates Inventors Signed Declaration) (1) June 13th ____, 2007, (2) _____, 2007, and (3) _____Jun. 6th ____, 2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Page 1 of 2

PATENT REEL: 020833 FRAME: 0251

IBM DOCKET NO. JP920040145US1

(1) signed at Youmato on June 1574, 2007. Takashi Sugawara Takashi Sugawara , 2007. оп (2) Signed at Kohji Kawahara (3) Signed at Tokyo on Jun. 6th, 2007. Yuji Chotoku

Page 2 of 2

PATENT REEL: 020833 FRAME: 0252

ASSIGNMENT

Whereas, we,

(1) Takashi Sugawara of 18-5, Gokanme, Seya, Yokohama,
 City of Kanagawa, Country of Japan 246-0008
 1400-125, Shimoyuai, Hachiaii KK, 07.31,2007

- (2) Kohji Kawahara 4-16-14, Kamitsuruma, Sagamihara,
 City of Kanagawa, Country of Japan 225-0802
 KK. 7.31.2017 70 Kyo
 IP2-0372 KK. 07.31.2007
- (3) Yuji Chotoku of 4-11-1-1025, Nishirokugo, Ota-ku, City of Tokyo, Country of Japan 144-0056

have invented certain improvements in

MOTION DETECTION APPARATUS AND MOTION DETECTING METHOD

and executed, respectively, a United States patent application therefore on (Dates Inventors Signed Declaration) (1) _____, 2007, (2) 7,3/ ____, 2007, and (3) _____, 2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Page 1 of 2

IBM DOCKET NO. JP920040145US1

(1) Signed at _____ , 2007. on

Takashi Sugawara

(2) signed at Hachioji _____ on <u>7,31</u>, 2007.

Kalij Kawahara Kohji Kawahara

(3) Signed at ______ on ____, 2007.

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Yuji Chotoku

Page 2 of 2

PATENT REEL: 020833 FRAME: 0254

RECORDED: 04/21/2008