

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JINGDONG TECHNOLOGY HOLDING CO., LTD.	01/19/2024
JD FINANCE AMERICA CORPORATION	01/19/2024
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	11682153
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DATE SIGNED:	01/24/2024
Total Attachments: 2	
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source=40647_Assignment#page2.tif	

ASSIGNMENT

In consideration of good and valuable considerations, the receipt of which is hereby acknowledged,

ASSIGNOR:

JINGDONG DIGITS TECHNOLOGY HOLDING CO., LTD.
Room 221, 2/F, Tower C, No. 18, Kechuang 11 Street
Beijing Economic-Technological Development Area
Beijing, China 100176
and

JD FINANCE AMERICA CORPORATION,
251 Little Falls Dr
Wilmington, Delaware 19808

Hereby sell, assign and transfer to

ASSIGNEE:

JINGDONG TECHNOLOGY HOLDING CO., LTD.,
Room 221, 2/F, Tower C, No. 18,
Kechuang 11 Street,
Beijing Economic-Technological Development Area,
Beijing 100176, P.R. China

its successors, assigns and legal representatives, the entire right, title and interest, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the following applications and patents:

U.S. Serial No. 16/882,580, filed May 25, 2020, issued as U.S. Patent No. 11,263,454, and entitled SYSTEM AND METHOD FOR VIDEO-BASED PIG COUNTING IN THE CROWD;

U.S. Serial No. 16/929,838, filed July 15, 2020, issued as U.S. Patent No. 11,379,995, and entitled SYSTEM AND METHOD FOR 3D OBJECT DETECTION AND TRACKING WITH MONOCULAR SURVEILLANCE CAMERAS;

U.S. Serial No. 16/910,197, filed June 24, 2020, issued as U.S. Patent No. 11,636,400, and entitled FEDERATED DOUBLY STOCHASTIC KERNEL LEARNING ON VERTICAL PARTITIONED DATA;

U.S. Serial No. 17/019,203, filed September 12, 2020, issued as U.S. Patent No. 11,682,153, and entitled SYSTEM AND METHOD FOR SYNTHESIZING PHOTO-REALISTIC VIDEO OF A SPEECH;

U.S. Serial No. 17/327,830, filed May 24, 2021, issued as U.S. Patent No. 11,868,730, and entitled METHOD AND SYSTEM FOR ASPECT-LEVEL SENTIMENT CLASSIFICATION BY GRAPH DIFFUSION TRANSFORMER;

U.S. Serial No. 16/910,238, filed June 24, 2020, issued as U.S. Patent No. 11,429,903, and entitled PRIVACY-PRESERVING ASYNCHRONOUS FEDERATED LEARNING FOR VERTICAL PARTITIONED DATA;
and

U.S. Serial No. 17/327,745, filed May 23, 2021, and entitled DATA AUGMENTATION FOR OBJECT DETECTION VIA DIFFERENTIAL NEURAL RENDERING;

and all divisionals, continuations, substitutes, renewals, reissues, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements (together "Patent Rights");

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application.

EXECUTED THIS 19 day of Jan 2024

Signature Yanwei Fan

Name Yanwei FAN

Title IP Director

**JINGDONG DIGITS TECHNOLOGY
HOLDING CO., LTD.**

EXECUTED THIS 19 day of Jan 2024

Signature Yanwei Fan

Name Yanwei FAN

Title IP Director

JD FINANCE AMERICA CORPORATION