

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	8379571
Patent Number:	9451507
Patent Number:	8223720
Patent Number:	8605682
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DATE SIGNED:	09/16/2021
Total Attachments: 4	
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EXHIBIT A

Patent Assignment

This Patent Assignment ("*Patent Assignment*") is effective as of 4th August 2021, and is from Telenet Industries LLC, a limited liability company of the state of Delaware with a registered office at 251 Little Fall Drive, Wilmington, Delaware, 19808, USA ("*Assignor*"), and to Taiwan Semiconductor Manufacturing Company Limited, an entity organized under the laws of the Republic of China, with an address at No. 8 Li-Hsin Road 6, Hsinchu Science Park, Hsinchu, 300 Taiwan ("*Assignee*").

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby assigns, transfers and conveys to Assignee, and Assignee hereby accepts, (a) Assignor's entire right, title, and interest throughout the world in and to (a) the Patents, including to prosecute all existing Patents worldwide, to apply for additional Patents worldwide, to have Patents issued in the name of Assignee, and to revive prosecution of any abandoned Patents and (b) all causes of action and enforcement rights (whether known or unknown or whether currently pending, filed or otherwise) under or on account of, the Patents, including all rights to pursue damages, injunctive relief and other remedies for past, current and future infringement of the Patents. "*Patents*" means: (a) the patents and patent applications identified on Schedule 1 hereto; (b) all reissues, reexaminations, continuations, continuations-in-part, divisionals and extensions of such patents, including any resulting patents issuing from any or all of the foregoing; and (c) foreign counterparts, if any, to any or all of the foregoing, including without limitation utility models, design patents, certificates of invention and equivalent rights worldwide.

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Patent Assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives. In the event of any conflict between the terms of this Patent Assignment and that Patent Sale Agreement between the Assignor and Assignee dated [Date], the Patent Sale Agreement will govern.

IN WITNESS WHEREOF this Patent Assignment is executed at Berkeley Square, London, UK
on 4th August 2021.

ASSIGNOR:

Telenet Industries LLC



By: _____

Name: _____ John Green _____

Title: _____ Authorised Person _____

SCHEDULE 1

PATENTS

Family Number	Country	Patent Number	Application Number	Title	Family Members
1	US	US8379571B2	US2009367175A	Method and apparatus for provisioning dual mode wireless client devices in a telecommunications system	US8379571B2 CA2714627A1 CA2714627C US20090196285A1 WO2009100362A2 WO2009100362A3 WO2009100362A9
2	EP	EP2792191B1	EP2012801668A	SYSTEMS AND METHODS FOR HANDOFF OF A VOIP CALL	EP2792191B1 CA2858858A1 CA2858858C EP2792191A1 EP2836013A1 EP3094134A1 EP3094134B1 US20130148567A1 US20130150038A1 US8223720B1 US8605682B2 US9451507B2 WO2013089987A1
2	EP	EP3094134B1	EP2016177347A	SYSTEMS AND METHODS FOR HANDOFF OF A MOBILE TELEPHONE CALL IN A VOIP ENVIRONMENT	EP3094134B1 CA2858858A1 CA2858858C EP2792191A1 EP2792191B1 EP2836013A1 EP3094134A1 US20130148567A1 US20130150038A1 US8223720B1 US8605682B2 US9451507B2 WO2013089987A1
2	US	US8223720B1	US13324666A	Systems and methods for handoff of a mobile telephone call in a VOIP environment	US8223720B1 CA2858858A1 CA2858858C EP2792191A1 EP2792191B1 EP2836013A1 EP3094134A1 EP3094134B1 US20130148567A1 US20130150038A1 US8605682B2 US9451507B2 WO2013089987A1
2	US	US8605682B2	US13550311A	Systems and methods for handoff of a mobile telephone call in a VOIP environment	US8605682B2 CA2858858A1 CA2858858C EP2792191A1 EP2792191B1 EP2836013A1 EP3094134A1 EP3094134B1 US20130148567A1 US20130150038A1 US8223720B1 US9451507B2 WO2013089987A1
2	US	US9451507B2	US13324585A	Systems and methods for handoff of a mobile telephone call in a VOIP environment	US9451507B2 CA2858858A1 CA2858858C EP2792191A1 EP2792191B1 EP2836013A1 EP3094134A1 EP3094134B1 US20130148567A1 US20130150038A1 US8223720B1 US8605682B2 WO2013089987A1
4	GB	GB2792191	EP2012801668A	SYSTEMS AND METHODS FOR HANDOFF OF A VOIP CALL	EP2792191B1 CA2858858A1 CA2858858C EP2792191A1 EP2836013A1 EP3094134A1 EP3094134B1 US20130148567A1 US20130150038A1 US8223720B1 US8605682B2 US9451507B2 WO2013089987A1 GB2792191 DE602012021604.2

4	DE	DE602012021604.2	EP2012801668A	SYSTEMS AND METHODS FOR HANDOFF OF A VOIP CALL	EP2792191B1 CA2858858A1 CA2858858C EP2792191A1 EP2836013A1 EP3094134A1 EP3094134B1 US20130148567A1 US20130150038A1 US8223720B1 US8605682B2 US9451507B2 WO2013089987A1 GB2792191 DE602012021604.2
4	GB	GB3094134	EP2016177347A	SYSTEMS AND METHODS FOR HANDOFF OF A MOBILE TELEPHONE CALL IN A VOIP ENVIRONMENT	EP3094134B1 CA2858858A1 CA2858858C EP2792191A1 EP2792191B1 EP2836013A1 EP3094134A1 US20130148567A1 US20130150038A1 US8223720B1 US8605682B2 US9451507B2 WO2013089987A1 GB3094134 DE60201204493.7
4	DE	DE60201204493.7	EP2016177347A	SYSTEMS AND METHODS FOR HANDOFF OF A MOBILE TELEPHONE CALL IN A VOIP ENVIRONMENT	EP3094134B1 CA2858858A1 CA2858858C EP2792191A1 EP2792191B1 EP2836013A1 EP3094134A1 US20130148567A1 US20130150038A1 US8223720B1 US8605682B2 US9451507B2 WO2013089987A1 GB3094134 DE60201204493.7