Apple Inc. v. Uniloc 2017 LLC
IPR2019-00700 (U.S. Pat. No. 8,406,116)
IPR2019-00701 (U.S. Pat. No. 8,018,877)
Petitioner's Demonstrative Exhibits

May 21, 2020

DEMONSTRATIVE EXHIBIT – NOT EVIDENCE

DLA PIPER

Table of Contents

The '116/'877 Patents

- The patents are CIPs of the "P2P application," an[d]
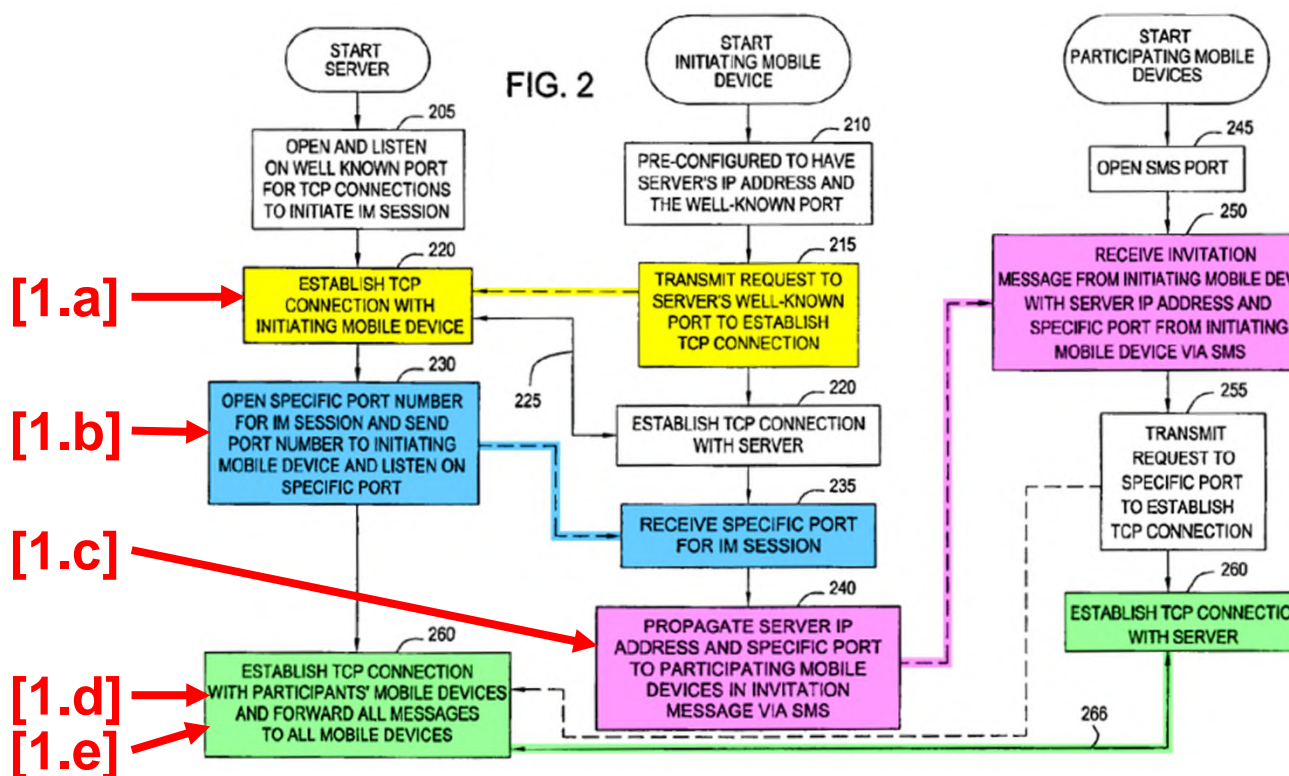 matter directed to NAT traversal

> adding conferencing capabilities to an IM system). Addition-
> ally, to the extent service providers dynamically allocate pri-
> vate IP addresses (rather than allocate public Internet IP
> addresses) to mobile devices through Network Address
> Translation (NAT) or any other network address allocation
> techniques, peer-to-peer IM techniques such as those
> described in the P2P patent application will only work within
> the private network of the service provider since the private IP
> addresses allocated to a mobile device will not be properly
> resolved by a receiving mobile device residing on a separate
> private network with a separate service provider. As such,

'116 patent, 2:5-15 (cited in 700[
'877 patent, 2:4-14 (cited in 70[

- But NAT traversal techniques were already well kn[own;
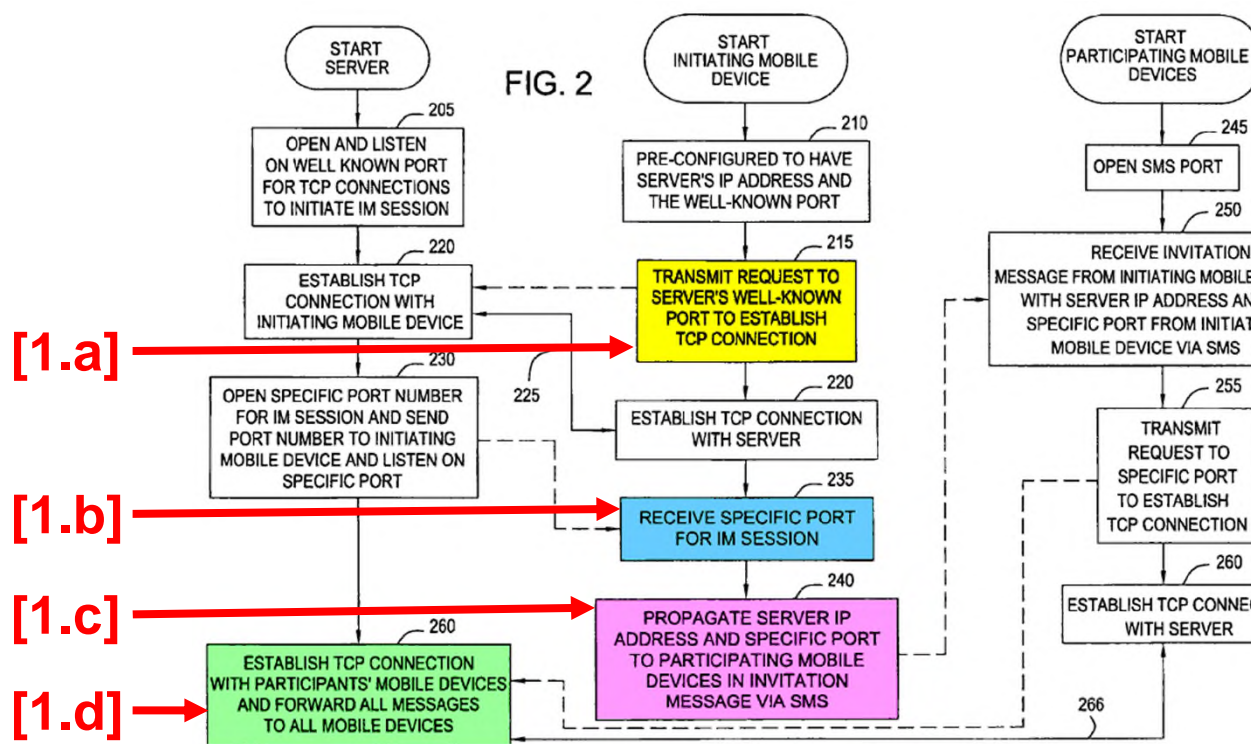 had been standardized

The '116 Patent

- Claims are focused on the server

FIG. 2

[1.a] → ESTABLISH TCP CONNECTION WITH INITIATING MOBILE DEVICE

[1.b] → OPEN SPECIFIC PORT NUMBER FOR IM SESSION AND SEND PORT NUMBER TO INITIATING MOBILE DEVICE AND LISTEN ON SPECIFIC PORT

[1.c]

[1.d] → ESTABLISH TCP CONNECTION WITH PARTICIPANTS' MOBILE DEVICES AND FORWARD ALL MESSAGES TO ALL MOBILE DEVICES
[1.e]

'116 patent,

The '877 Patent

- Claims are focused on the initiating mobile device

FIG. 2

'877 patent,

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