REMARKS

This communication is responsive to the Office Action dated December 17, 2024 (hereinafter the "Office Action"). Claims 1, 9, 15-16 and 24 have been amended. Claim 14 has been cancelled. Claims 8, 10, 12, 17-19, 21, 23, 25-26 and 31 were previously cancelled. Applicant submits that no new matter has been added by these amendments. Thus, claims 1-7, 9, 11, 13, 15-16, 20, 22, 24, and 27-30 are presented for the Examiner's consideration. Reconsideration of this application, as amended, is respectfully requested.

A petition for a one (1) month extension of time is submitted herewith.

As an initial matter, Applicant notes that claims 9, 14-15, and 24 were "objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims." (Office Action p.15).

Claim Objections

Claims 16 and 24 have been objected to due to informalities. As shown above, these claims have been amended as suggested by the Examiner. In view of this, Applicant respectfully requests that the objections be withdrawn.

Claim Rejections

Claims 1-7, 20, 22 and 30 stand rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent Publication No. 2017/0041830 ("Davis"), in view of U.S. Patent Publication No. 2022/0225265 ("Jeong"). Claim 11 stands rejected as being obvious over Davis and Jeong, in view of U.S. Patent Publication No. 2021/0136641 ("Roy"). Claims 13 and 29 stand rejected as being obvious over Davis and Jeong, in view of U.S. Patent Publication No. 2018/0316414 ("Ravishankar"). Claims 16 and 27 stand rejected as being obvious over Davis and Jeong, in view of U.S. Patent Publication No. 2022/0141891 ("Masini"). And claim 28 stands rejected as being obvious over Davis and Jeong, in view of U.S. Patent Publication No. 2019/0028197 ("Turner"). Claim 1 is independent. Applicant respectfully traverses the rejections.

The features of claim 14 have been incorporated into claim 1. Claims 9, 15 and 24 have been rewritten as independent claims. Applicant submits that these amendments overcome the rejections.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejections of the claims and to pass this application to issue. If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that the Examiner telephone Applicant's attorney at (908) 897-1314 in order to overcome any additional objections which the Examiner might have. All required fees are being paid via credit card through EFS-Web. However, if any additional fees are required, the Office is authorized to charge the deposit account of Applicant's representative (i.e., Deposit Account No. 60-1866).

Dated: April 7, 2025

Respectfully submitted,

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